

VISVA-BHARATI

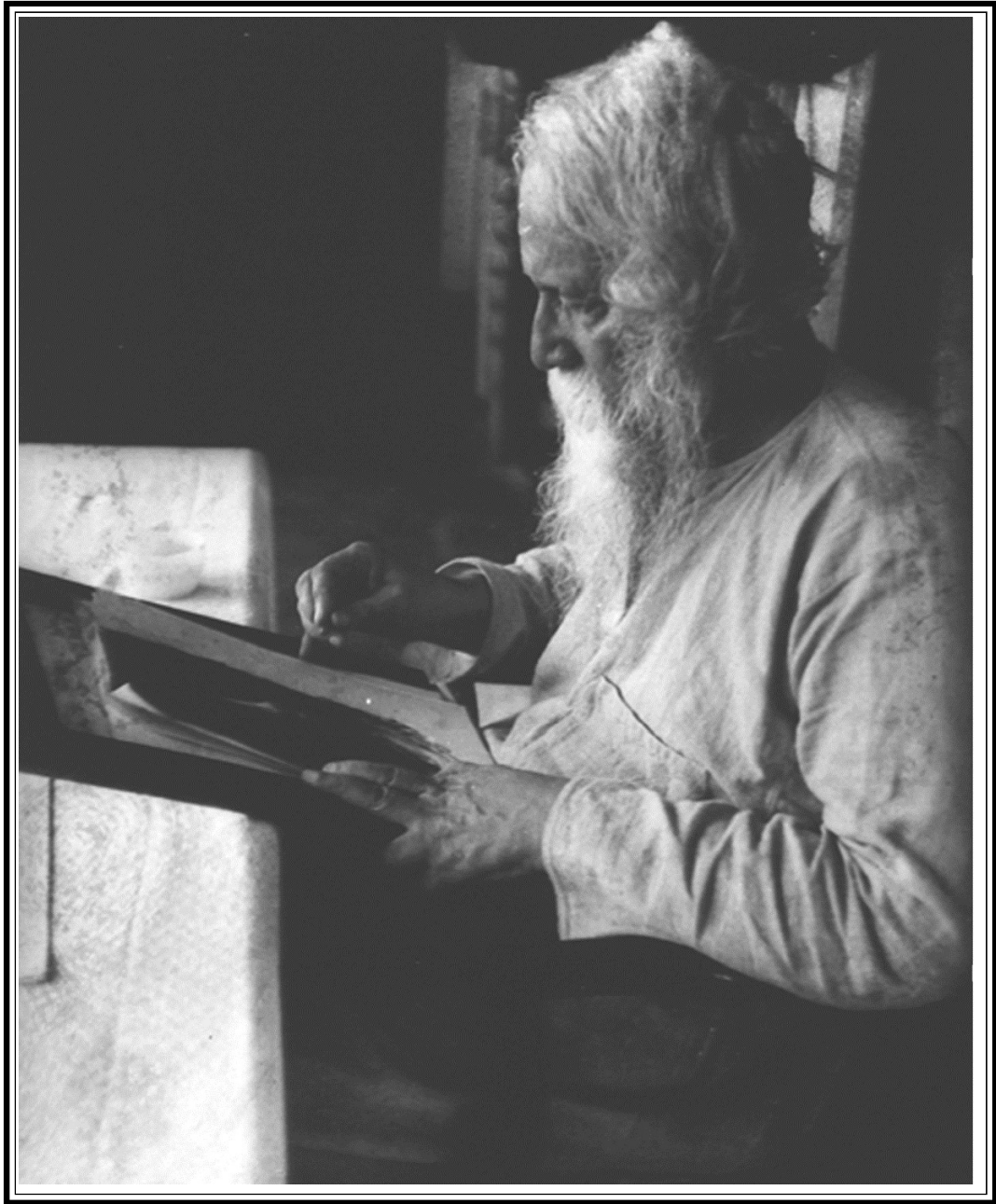
Annual Report 2022-2023



Santiniketan 2023

॥ यत्र विश्वं भवत्येकनीडम् ॥

YATRA VISVAM BHAVATYEKANIDAM
(Where the World makes its home in a single nest)





বিশ্বভারতী
বিষ্ণুভারতী
Visva-Bharati



সংস্থাপক: রবীন্দ্রনাথ ঠাকুর
Founder: Rabindranath Tagore

আচার্য: শ্রী নরেন্দ্র মোদী
ACHARYA (CHANCELLOR)
SHRI NARENDRA MODI

উপাচার্য: প্রোফেসর বিদ্যুত চক্রবর্তী
UPACHARYA (VICE-CHANCELLOR)
PROF. BIDYUT CHAKRABARTY

Foreword

One of the easiest and quickest ways of assessing the academic prowess of the faculty members is to examine the annual report; in order to understand the progress of the academic institution administratively, the easily available option is to read the text relating to the activities undertaken by the administrative wings of the university. Here too, the annual report is of great help. Implicit here is the point that an annual report is essential for showcasing the academic excellence and administrative abilities of a university. Visva-Bharati's Annual Report, 2022-23 is, at one level, a checklist of activities during the last academic year with which Visva Bharati was associated; at another level, it is also a document to demonstrate that Visva-Bharati is not just a degree-awarding institution, but also an academic centre transmitting a philosophy of life as per its founder, Gurudev Rabindranath Tagore.


To refer to some of the events that took place during the period, 2022-23, let me begin with some major events. We held two Convocations and it is a matter of happiness that our Hon'ble Rashtrapatiji and Hon'ble Raksha Mantriji graced the occasions respectively. The Hon'ble former Chief Justice, Justice U.U. Lalit visited the campus, so did the Hon'ble Chairman of the University Grants Commission, Professor Jagadesh Mamidala and Professor Santishree Dhulipudi Pandit, the incumbent Vice Chancellor of Jawaharlal Nehru University. The students, teachers and other stakeholders had an opportunity to interact with Shri Anupam Kher, one of the famous Bollywood actors of parallel cinema as well. Besides these formal visits by the top dignitaries, Visva-Bharati was engaged in celebrating many of those cultural activities which the illustrious founder of this academic institution, Gurudev Rabindranath Tagore introduced to elaborate his unique mode of the philosophy of education.

The last year does not seem to be different in terms of the activities of those over-zealous students who in the name of safeguarding their understanding of Rabindrik traditions occasionally cross the Laxman Rekha. This does not seem to be unusual as the entire state of West Bengal witnesses many incidents of the same nature. Is this the failure of those responsible for defending Visva-Bharati or, for that matter, other academic institutions tuned to the fulfillment of specific socio-cultural goals and politico-ideological visions? The answer appears elusive.

The Annual Report is also a mirror of the academic outputs of faculty members who have now no reasons to complain that they are under-paid. So, when an academic faculty does not discharge her/his core *dharma*, s/he cannot be spared from being reminded that what s/he is avoiding to do cannot be ignored. This warning does not seem to be novel because the practice is being religiously followed in the West. There, an academic faculty is being continuously assessed by the peers and students to get a tenured track position in the university. Many of the faculty members in Visva-Bharati are thinking along this line. I am happy to announce this and hopefully the idea which is espoused now will be executed in near future.

I am personally thankful to my colleagues for their cooperation in implementing the New Education Policy of 2020. Our syllabi have been adapted and new areas of knowledge have received adequate attention. The new four-year degree course and multiple exits for students during the pursuit of courses are offshoots of the New Education Policy and Visva-Bharati, along with many other universities in the country, is one of the pioneers in introducing this new mode of transmission and generation of knowledge. There are reasons to believe that the new system of education will unfold new vistas of knowledge which appear to have been restricted in the prevalent modes of imparting learning.

Finally, I express my heart-felt gratitude to my colleagues who devoted their time and energies in the preparation of this year's Annual Report. This is a gigantic task and many of our colleagues were also involved at the various stages of its completion. I end my message by putting on record my appreciation for all those who are associated with Visva-Bharati during my stint as its Vice Chancellor (2018-23). If we succeeded in attaining Visva-Bharati's goal, it was due to the hard work of my colleagues discharging their assigned responsibilities. I owe a great deal to them.


Prof. Bidyut Chakrabarty
Vice-Chancellor
Visva-Bharati
Santiniketan
6/10/23

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CHAPTER-1

From Brahmacharyashrama to Visva-Bharati: A Chronicle of Metamorphosis of a Tiny School into an Internationally-Acclaimed Centre of Learning

Visva-Bharati, which epitomizes the culmination of Asia's first Nobel Laureate poet Rabindranath Tagore's dream of an institution, slated to deliver holistic education, as preached in the *Upanishadas* (that which emancipates is knowledge), had a very modest beginning. In 1863, Debendranath Tagore, the poet's father and a harbinger of nineteenth century Bengal Renaissance took the user's right of 20 *bighas* of land at an annual land rent of twenty rupees in the arid soil of the district of Birbhum and established the Santiniketan Ashrama. In 1888, he executed a Trust Deed for the management of the Ashrama and dedicated it for the purpose of meditation. Thoroughly averse to the education system prevailing then and its mode of teaching which he considered to be mechanical, soulless and uninspiring, Rabindranath established a school, viz. Santiniketan Brahmacharyashrama on 23rd December, 1901 with five students with the avowed objective of providing, as reported by the *Visva-Bharati Bulletin* of January, 1924:

“... to a limited number of children an education which would not be divorced from life, where pupils would become members of a larger family and regard the affairs of the institution as their own, and where they would live and grow in an atmosphere of freedom, mutual trust and happiness.”

In conscious repudiation of the education system introduced by the British hegemony which harped on producing a group of stupefied clerks, bent on making British Raj unrivalled, Rabindranath introduced a new system of reading-learning where classes were held in open air, where man and nature entered into an immediate harmonious relationship. Twenty years later in a letter to Patrick Geddes, he emphasized:

“I merely started with this one simple idea that education should never be dissociated from life.”

The concept of holistic education which would nurture a 'complete' human was imbibed by Rabindranath from our ancient Indian Upanisadic texts which preached emancipation of soul from the bondage of mundane prosperity. His resources were limited, but his ideal was unswerving. By 1917, the idea of an Indian cultural centre was gradually

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shaping up. The centre would be slated "for the coordinated study of the different cultures." On 23rd December, 1918, the foundation stone of Visva-Bharati was laid by the poet-educator. In his short speech he explained the aims and objectives of the institution:

“The primary function of a university should be the constructive work of joining and imparting knowledge. Men should be brought together and full scope given to them not only for intellectual exploration, but of vital creation as well and the teaching should be the overflow of this spring of culture, spontaneous and inevitable.”

Visva-Bharati was registered on 16th May, 1922. Scholars from all over the universe started pouring in to make Visva-Bharati indeed a centre of global culture and learning. The Brahmacharya School during 1924 came to be called Visva-Bharati Purba Bibhaga and from 1925 it became Patha Bhavana of Visva-Bharati.

In 1921, the Department of Advanced Studies was established which was re-named as Vidya Bhavana in 1926. From 1919 music and art were being taught at Kala Bhavana which finally branched off into two institutions i.e. Kala and Sangit Bhavana in 1933.

In his early years during his stay in Shilaidaha and Sahazadpur, Rabindranath could feel the agony and pain of village life, steeped in poverty and ignorance. To put an end to this sorry state of affairs, Rabindranath ventured to start a new mission in the form of introducing a system of vocational educational which would make the village people self-reliant. With this objective, on 6th February 1922, the Visva-Bharati Agricultural and Village Reconstruction Department was started at Surul under the inspiring leadership of Leonard Elmhirst. After some time it came to be known as Sriniketan (the abode of prosperity). The idea enshrined in establishment of this institution was to bring back life in its completeness to the villages and make villagers conscious about their propensities. In 1924, another school "Siksha-Satra" was established which was finally shifted to Sriniketan in 1927.

The Cheena-Bhavana was formally inaugurated as a research department by Gurudeva on 14 April 1937 with the lofty ideal of strengthening the age-old cultural ties between India and China. The untiring zeal and effort of Professor Tan Yun-Shan opened up a new vista of Sino-Indian Cultural Fellowship through Visva-Bharati. In 1994, the establishment of the Nippon-Bhavana added another feather to the attempt to promote advanced studies in Japanese language and culture. The foundation

stone of Hindi-Bhavana was laid by C.F. Andrews and Kshitimohan Sen and the tireless endeavour of Pandit Banarasidas Chaturvedi bore fruit with the completion of the Hindi-Bhavana building on 31st January 1939.

In May 1951, Visva-Bharati was accorded the status of Central University and “an institution of national importance.”

Thus, what began simply as a school, after traversing a long way amidst plethora of constraints--financial, administrative or in whatever form they might be has today expanded into a modern university with multifarious pursuits and disciplines with an emphasis which will always promote cultivation of excellence and the retention of an ever-alive experimental character. Santiniketan i.e. an abode of peace and Sriniketan i.e. an abode of grace- these two combined to make Visva-Bharati a place of ethereal beauty, serenity and academic vibrancy.

Institutional Structure Today

Visva-Bharati, as per the Act of Parliament of 1951, has the President of India as the Paridarsaka (Visitor) and the Governor of West Bengal as the Pradhana (Rector). The President of India appoints the Acharya (Chancellor) and the Upacharya (Vice-Chancellor) of the University. The Act of 1951, with certain amendments made by Parliament thereafter, and the Statutes of Visva-Bharati constitute the basis of the powers and functions of the University and its constituent authorities. The chief decision-making bodies of the University are the Samsad (Court), the Karma Samiti (Executive Council), the Siksha Samiti (Academic Council), the Artha Samiti (Finance Committee), and the various Institute Boards and Patha Samitis (Boards of Studies).

The University has the following Institutes, namely:

At Santiniketan

Bhasha-Bhavana (Institute of Languages, Literature & Culture)

Vidya-Bhavana (Institute of Social Sciences)

Siksha-Bhavana (Institute of Science)

Kala-Bhavana (Institute of Fine Arts)

Sangeet Bhavana (Institute of Music, Dance & Drama)

Vinaya Bhavana (Institute of Education)

Rabindra Bhavana (Institute of Tagore Studies, Museum & Archives)

Patha Bhavana (Institute of Primary, Secondary & Higher Secondary Education)

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At Sriniketan

Palli Samgathana Vibhaga (Institute of Rural reconstruction)

Palli Siksha Bhavana (Institute of Agricultural Science)

Siksha Satra (Institute of Primary, Secondary & Higher Secondary Education)

At Kolkata

Granthana Vibhaga (Publishing Department)

Besides, Visva-Bharati also guides the functioning of Agro-Economic Research Centre (A research centre sponsored by the Ministry of Agriculture integrated with Visva-Bharati) and the Computer Centre, which functions as a service centre that helps both academic and administrative departments, in addition to performing its academic functions.

Socially Relevant Research and Other Activities

Steps were taken to promote socially relevant research work in Humanities, Physical and Social Sciences, and need-oriented extension activities of weaker sections.

A short review of the various activities in consonance with the above is given below: The major areas of research covered by Siksha-Bhavana (Institute of Science) include Plants and Herbicides, Crop-nutrition, Forestry, Pisciculture, Atomic Research, Environmental pollution concerning Agricultural production and fisheries and also Industrial pollution, Immunization of plants and identification of certain epidemics. The Department of Zoology has been identified as a department of Special Assistance by U.G.C. under the special Assistance Programme with two thrust areas of teaching and research namely Fish Biology and Environmental Biology. The Agro-Economic Research Centre took up research work related to (a) Role of Non-Government Agencies in Agricultural Development in Bihar, (b) Marketing of Agricultural Commodities concerning processing and input supply, (c) Decentralised planning in Agriculture and Rural Development, (d) Effect of Subsidies on Agricultural Development, (e) Economic Viability of Marginal and Small Farms and (f) Agricultural Marketing with special focus on progressing and inputs supplies (West Bengal).

Palli Samgathana Vibhaga sought to bring about regeneration of village life through self-help and self reliance in the villages around Santiniketan and Sriniketan

through action-oriented programmes such as Mass Literacy programme, adult education, programmes undertaken by Brati Balak and Youth Organisation, rural library services, craft extension & training, etc., especially in the areas inhabited by scheduled castes and scheduled tribes and other backward classes.

Palli Charcha Kendra (Centre for Rural Studies) focused its attention on Anti-Proverty programmes in Rural Areas with an in-depth study of "Operation Barga", Agricultural Production and Agricultural Marketing under ICAR, and studies in Language Corruption and Culture confusion of the Tribal Communities, especially the Santhal Community.

Palli Siksha Bhavana (Institute of Agricultural Science) took up (a) All India Coordinated Research projects on weed control under USDA and ICAR, (b) Nocil Research project on Weed Control on rice, (c) Oil-seed research scheme, (d) The effect of Neem Extract created on various crops, (e) A village level survey on nature, composition and utilisation of wastes under NROER and (f) Effect of irrigation and nitrogen on growth of crops, Agricultural Economy for the growth of Farm-Capital by introducing large scale, Jute, Sugarcane, Mustard Seed cultivation under the sponsorship of Visva-Bharati. Apart from the above, socially relevant projects undertaken by the Department of Plant Protection included (a) Integrated Pest Management, (b) Post-harvest Pathology, (c) Nematode Ecology, etc. A Soil Testing laboratory has also been set up in collaboration with the State Government, developing efficient soil testing methods for estimation of available soil phosphorous and potassium in lateritic soils in relation to production of rice crop.

The Department of Social Work organised programmes of socially relevant field studies like (a) Drop-outs to join schools, (b) Utilization services of the health centres, (c) Investment in Agriculture and Industry by Co-operative Banks, (d) Family in socially distress, (e) Self-employment for SC/ST community and other backward classes of the rural population and special projects for the physically handicapped. It further initiated a community-based rehabilitation programme in collaboration with other governmental agencies in the neighbouring villages.

The Institute of Humanities and Social Science took up research programmes in Philosophy, Religion, History, Economics, Political Science and various languages, both Indian and foreign. Mention may be made of Bengali, Sanskrit, Palli & Prakrit, Persian, Urdu, Hindi, Santhali, Odia, Tamil, Marathi, Tibetan, Chinese, Japanese, Russian etc. Special studies on Buddhist literature and religion are being carried out in

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the Departments of Chinese Language & Culture and Indo-Tibetan Studies. They have a rich store house of old manuscripts. The Department of Odia has taken up a special study of the Folklore of Odisha. Nippon Bhavana, i.e., the Japanese Studies & Culture Centre has been re-oriented towards cultural programmes between India and Japan, with financial assistance from Japan.

That apart, the Indira Gandhi Centre for National Integration organizes workshops and seminars on curricular development to determine how the culture of National integration may be taken up in the Secondary and Higher Secondary schools as a course of studies.

Apart from regular curricula in Computer Science at B.Sc. and M.Sc. levels, there is an independent Computer Centre of marked distinction imparting regular training and computation facilities to the Visva-Bharati community, both academic and administrative, to foster the generation of a computer culture. Computation facilities are also available in the following departments: English, Botany, Kala Bhavana, Mathematics, Palli Siksha Bhavana, Physics, Rabindra Bhavana, Zoology, and Agro-Economic Research Centre.

Mention may also be made of extension activities of students, which were marked by a special and socio-economic significance. These were organized in the form of regular programmes of NCC, NSS, Physical Education, and functions and festivals, including educational excursions which entail an interaction with the people of the adjoining rural areas, mostly inhabited by scheduled castes and scheduled tribes. The salient features of these extension activities are related to social services, protection of the environment, eradication of illiteracy, primary health care as also the campaign against drug addiction.

The above gives a comprehensive view of the steps taken by the University to promote socially relevant research in tune with the dream of its founder Rabindranath Tagore, who looked forward to social uplift in India through socially relevant education programmes.

Functions and Festivals:

The functions and festivals of Visva-Bharati are unique and have influenced, to a great extent, the life style of the members of the University community. On these occasions, the entire community comes together in the wide open beauty of nature to

experience a traditional Ashram life, chanting Vedic hymns and singing Rabindra Sangeet in the Mandir, Chatimtala and Amrakunja.

Santiniketan Karmi-Mandali organized the following functions and festivals of the University during the year 2022-2023:

01. Barsha-Sesh on the occasion of Bengali Year ending on 30th Chaitra, 1428 (15th April, 2022)
02. Naba-Barsha on 01st Baishak, 1429 (16th April, 2022), Cultural programme in the evening on 16th April, 2022.
03. Cultural Programme in the evening on 30th May, 2022
04. Blood Donation awareness Camp on 14-06-2022 & Blood Donation Camp on 17th June, 2022
05. Special Upasana for the death of Padmasree Dr. Susabhan Banerjee on 29th July, 2023.
06. Gurudeva Smarana, the death anniversary of Gurudev and Briksha Ropan was observed on 22nd Sravana, 1429 (7th August, 2022)
07. Halakarshana Utsava, celebrated on 23rd Sravana, 1429 (8th August, 2022) at Sriniketan.
08. Rabindra Saptaha was observed from 23rd Sravana, 1429 (8th August, 2022) to 30th Sravana, 1429 (16th August, 2022), Celebration of 15th August, 2022 and Alokeshajja at Chatimtala. Several lecture programmes were arranged at Sriniketan and Santiniketan on various aspects of Gurudeva Rabindranath Tagore. Cultural programme in the evening on 17th August 2022 (Barshamangal)
09. Alokeshajja, Udayan Bari and Chatimtala on 7th Kartik, 1429 (24th October, 2022) on the eve of Dipavali.
10. Celebration of 'Constitution Day' on 10th Agrahayan, 1429 (26th November, 2022)
11. Special Prayer on birth anniversary of Maharshi Debendranath Tagore on 18th December, 2022.
12. Poush Utsava was observed during 06th Poushto 09th Poush, 1429 (22nd December, 2022 to 25th December, 2022) at Chhatimtala, the beginning of a four days festival with various cultural programmes, exhibitions and other entertainments widely known as Poush Mela.
13. Special prayer for "Khristotsava" on 25th December, 2022 at Upasana-Griha.

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14. Special Prayer and a cultural evening on the Birth Aniversery of Swami Vivekananda on 12 January, 2023.
15. Maharshi Smarana, the death anniversary of Maharshi Devendra Nath Tagore was observed on 06th Magh, 1429 (21st January, 2023)
16. Special Prayer for birth anniversary of Netaji Subhas Chandra Bose on 23rd January, 2023.
17. Special prayer for Magh Utsava on 26th January, 2023 (11th Magh, 1429)
18. Celebration of Republic Day on 26th January, 2023 (11th Magh, 1429)
19. Anniversary celebration of Sriniketan was observed from February 06 2023.
20. Musical Evening on 16th February, 2023 & 18th February, 2023 at Bharat-Tirtha, Santiniketan.
21. Dance Drama programme held on 23rd February, 2023 at Lipika Auditorium.
22. Basanta-Vandana celebrated on 02nd March, 2023, 03rd March, 2023
23. Baul Song by Shri Purna Chandra Das on 07th March, 2023 at Gour-Prangan.
24. Gandhi Punyaha observed on 10th march, 2023.
25. Dance-Drama programme held on 13th March, 2023 at Lipika Auditorium.
26. Folk-Song organized on 30th March, 2023 at Ramkinkar Mancha, Bharat-Tirtha.

Other Functions and Festival:

August 15, 2022	: Swadhinata Divas (Independence Day)
October 02, 2022	: Gandhi Janma Jayanti
December 25, 2022	: Christotsava
January 23, 2023	: Netaji's Birth Day
January 26, 2023	: Republic Day
February 12, 2023	: Dinabandhu Janmotsava
March 10, 2023	: Gandhi Punyaha

Finance

The University is almost totally dependent on U.G.C. grants for day to day running of expenditure, a major part of which is in the nature of Salaries/Pensions/ Retirement Benefits etc. to teaching and non-teaching staff. The Maintenance grant (during 2022-2023) received from U.G.C. is **Rs. 33699.00** lakh as against actual expenditure to the tune of **Rs. 34388.29** lakh with an internal generation of **Rs. 1183.35** lakh.

Endowment Lectures:

The following endowment lectures were organized during the year 2022-23.

- (a) Maharshi Debendranath Memorial Lecture.
- (b) Prof. Ashin Das Gupta Memorial Lecture.
- (c) Hazariprosad Dwivedi Memorial Lecture.
- (d) Dr. Devakinandan Srivastava Memorial Lecture.
- (e) Pijush Kumar Mukhopadhyay Memorial Lecture.
- (f) Prof. Ashok Rudra Memorial Lecture.
- (g) Dr. Sibani Shankar Chakraborty Memorial Lecture.
- (h) Miss Karabi Mukherjee Memorial Lecture.
- (i) Benode Behari Mukherjee Archives and Research Centre Endowment

Status of teaching employees as on 31.03.2023

	Professor	Associate Prof.	Assistant Prof.	Asst. Lecturer
Male	108	71	186	53
Female	15	15	74	39

Administrative Staff Composition:

Group	General		SC		ST		OBC		Minority		PH	
	M	F	M	F	M	F	M	F	M	F	M	F
A	32	1	10	0	3	0	0	1	0	0	0	0
B	102	20	24	9	10	5	10	0	0	0	1	0
C	138	21	64	14	15	4	23	2	0	0	2	0

Student Composition as on 31.03.2023

Students admitted:

UG-1185, PG-1638

Ph.D-147, Diploma-72, Certificate-184

Students' of Patha -Bhavana (Total): 1167

Students' of Siksha-Satra (Total): 1041

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BHASHA BHAVANA

(Institute of Languages, Literatures & Culture)

Bhasha Bhavana, the Institute of Languages, Literatures & Culture, consists of ten major language and literature departments, two centres and three language units. It was carved out from the erstwhile Vidya Bhavana in February 2010 and given an identity of its own. Its office and some major departments were shifted to the new building at Purvapalli in 2014, while some departments retained their earlier premises.

The constituent departments of Bhasha Bhavana offer undergraduate, postgraduate, M. Phil. and Ph.D. Courses, along with Certificate, Diploma Courses in language and literature. Courses are available for foreign students as well. The Department of Chinese Language and Culture (Cheena Bhavana), the oldest institution of Chinese Studies in India, and Japanese (Nippon Bhavana) have promoted meaningful exchanges and collaboration with the overseas universities. The Odia Department was declared 'Centre for Excellence' by the Ministry of Tribal Affairs, Government of India. A library and a museum have been set up under Odia Department related to tribal affairs.

Due to the pandemic situation each constituent Department under Bhasha Bhavana has conducted its own seminar/conferences and special lectures - both of national and international stature in online mode. The students of various departments under Bhasha Bhavana also participated in many extracurricular activities throughout the year. The uniqueness of Bhasha Bhavan lies in serving as a centre of confluence for Indian and Foreign languages/ literatures/ cultures. Functioning as a Melting Pot for the best cultural aspects of East and West, Bhasha Bhavana showcases the motto of the institution, "where the whole world meets in a single nest", thereby upholding the ideals of the founder Rabindranath Tagore.

DEPARTMENT OF BENGALI

Name of the students qualified in UGC / CSIR / NET / SLET and GATE

Examinations:

UGC-NET: 2

1. Anwesha Mondal
2. Sayantani Banerjee (JRF)

WBCSC-SET: 6

1. Sayantani Banerjee
2. Anwesha Mondal
3. Sangita Biswas
4. Chaitali Ghosh
5. Kamal Hossain
6. Dipkumar Roy

Departmental Seminar (Speakers, Title of the Seminar, Date):

- 28.11.2022. Shaktisadhan Mukhopadhyay delivered Rathindranath Tagore Memorial Lecture.
- 01.12.2022. Department of Bengali organized a conference for the research scholars on Tarasankar Bandyopadhyay. Renowned author Ramkumar Mukhopadhyay and well-known essayist Rushoti Sen delivered their lectures on Tarasankar's literary eminence.

National and International standard Conference/Seminar/Workshop/Exhibition etc.:

Mrinal Kanti Mandal

- 27.02.2023. Delivered a Special Lecture (Online mode) on “Rabindra Upanyase Prokorongoto Porikkha-Nirikkha” at Rabindra Study Centre, University of Kalyani, West Bengal.
- 28.02.2023. Delivered a Special Lecture (Online mode) on “Rabindra Golpe Prokorongoto Porikkha-Nirikkha” at Rabindra Study Centre, University of Kalyani, West Bengal.

Sudip Basu

- 02.06.2022. Delivered a lecture on “Goendar Bou: Upanyase Upekkshita” organized by the Department of Bengali, Kolhan University, Chaibasa, Jharkhand.
- 10.12.2022. Delivered a lecture on “Bangla Samayik Patre Bangavanga Andolan” on the occasion of “Azadi Ka Amrit Mahotsav”, organized by Department of Bengali, Kolhan University, Chaibasa, Jharkhand.

Aparna Roy

- 10.12.2022. Delivered *Maharshi Debendranath Smarak Baktrita* on “Thakurbarir Narishikshar Prathomik Parbo” organized by Visva-Bharati.
- 25.03.2023. Delivered a special lecture on “Unish Shatoker Meyera” organized by Serampore College.

Abhra Bose

- 07.05.2022. Delivered a lecture on ‘Rabindranather Kabitapather Bhumika’ organized by the Department of Bengali, Uluberia College.
- 23.09.2022. Delivered a lecture on 175th Birth anniversary of Anandamohon Bose organized by Sadharan Brahmasamaj at Kolkata.
- 27.11.2022. Delivered a lecture on ‘Rabindranath Thakur’ at Rabindra Bharati Society.
- 21.12.2022. Delivered a lecture on ‘Bangadarshan Patrikar Dushobachar’ at the Department of Bengali, University of Burdwan.
- 13.02.2023. Delivered a lecture in an International Seminar on ‘Rabindranather Anandagan’ organized by the Department of Rabindrasangeet, Rabindra Bharati University.

Manabendranath Saha

- 15.09.2022. Delivered Prof. Debranjana Mukherjee Memorial Lecture on Tarun Majumdar's Film, organized by Department of Bengali, Suri Vidyasagar College, Birbhum.
- 11.01.2023. Delivered a lecture on ‘Cinema Without Borders’, organized by CJMC, Visva-bharati.

Chapter-2

- 27.02.2023. Delivered a lecture on ‘New Education Policy’ at Webinar, organized by Department of Bengali, Tripura University.

Manabendra Mukhopadhyay

- 18.05.2022. Delivered a special lecture titled ‘Jiboner Pathhakrame Rabindranath’, organized by Maharajadhiraj Uday Chand Women’s College, Burdwan, Purba Bardhaman.
- 18.05.2022. Delivered a lecture titled ‘Visva-Bharati— A Space of Culture with Unique Signs’, in a workshop for orientation of the new incumbents at Visva-Bharati organized by Visva-Bharati.
- 23.09.2022. Delivered a lecture on 175th Birth anniversary of Anandamohon Bose organized by Sadharan Brahmasamaj at Kolkata. Title of the presentation: ‘Sadharan Brahmasamaj—Why It Didn’t Come Back to Adi?’
- 12.11.2022. Delivered a lecture as a Resource Person in an In-service Training /Orientation Programme for School Teachers’ under RUSA 2.0 Component 8 Grant (Sponsored by MoE, GoI) organized by Ramkrishna Mission Sikshanmadira, Belurh, Howrah. Title of the presentation: ‘Gandhism: Satyagraha & Ahimsa’.
- 16.11.2022. Presented a paper on a Two-day International Seminar on Rammohun Roy organized by Katwa College, Purba Bardhaman. Title of the presentation: ‘Rammohun Vidyasagar O Tnader Chintakathhamogata Kichhu Prasanga’. Chaired a session also.
- 07.12.2022. Delivered an Extension lecture jointly organized by Dept. of Bengali and IQAC of Bijoykrishna Girls’ College, Kolkata. Title of the presentation: ‘Rabindranath: Aamader Parigrahaner Samasya O Sambhavana’.

Atanu Sasmal

- 19.07.2022. Delivered a lecture in a seminar titled as ‘Spectator of Kolkata at the Dawn of Bengali Novel’ organized by Department of Odia Language & Literature, Visva-Bharati.
- 05.09.2022. Delivered a lecture on ‘Uttar Purbo Bharater Kathasahitye Deshbhag-Udbastu Jantrona Ebong Boi Utsov : 2022’ in a seminar titled as ‘Bangla Bhashar Sankat’ organized by ‘Srot’(Tripura) at Santiniketan, Bolpur, W.B.
- 20.11.2022. Delivered a lecture on ‘35th Barshik Sammelan O Sammelaner Satabarsha Puri’ in a seminar titled as ‘Paribarik Smritilipi Pustak O Rabindranath

Bisoye' organized by Nikhil Bharat Banga Sahitya Sammelan, Raniganj Shakha, Paschim Bardhaman, W.B.

Rita Modak

- 02.06.2022. Delivered a lecture on 'Environment and Literature', organized by Department of Bengali, Surya Sen Mahavidyalaya.
- 02.03.2023. Delivered a lecture in an International Seminar on 'Rabindranather Siksha Darshan' organized by North Bengal University.

Shreela Bose

- 22.06.2022. Delivered a lecture titled 'Gaudiya Vaishnavism and Royal Patronage in Bishnupur: Texts and Temples' at Carca an unit of Centre of Comparative Literature, Visva-Bharati, Santiniketan (Online Mode).
- 12.08.2022. Delivered a lecture titled 'From Rajas to Commoners; the Changing role of patronage in Bengal Terracotta temples' at Indira Gandhi National Centre for the Arts, Kalanidhi Cultural Archives, New Delhi (Online Mode).
- 06.01.2023. Delivered lecture titled 'Banglar Bhakti Andolon O Mondirer Akhyan' at Kishor Bharati Bhagini Nibedita College, Kolkata.

Biswajit Ray

- 24.01.2023. Delivered a lecture titled 'Bangla Lokkatha Nirbhor Chalachitra' in the workshop on "Folklore, Films, Theatre: Relation & Relevance" organized by the Asiatic Society of Bengal.
- 24.01.2023. Delivered a special lecture titled 'Bharatborsher Hindu O Musalmaner Yuktosadhana: Phire Dekha' organized by the Department of English, Aliah University.
- 25.02.2023. Delivered a lecture titled 'Tarashankarer Gramdarshan' in an International Conference organized by Tarasankar-Smriti Sahityasamaj in collaboration with Birbhum Mahavidyalaya.
- 17.03.2023. Delivered a lecture titled 'Rabindranather Nation O Samaj' in an International Conference organized by the Department of Bengali, Rabindra Bharati University.

Chapter-2

Milankanti Biswas

- 25.03.2023. Delivered a lecture titled ‘Bharatiya Bhakti Andoloner Puradha Byaktibarga: Rabindranather Dristite’ in an International Seminar on ‘Bhakti Literature an Indian Subcontinent’ jointly organized by Department of Assamese, North Lakhimpur College, Assam and St. Paul’s C.M. College, Kolkata.

Payel Mukherjee

- 30.06 2022. Delivered a Lecture on ‘Unish Shataker Bangla Natak: Oitihya o Upanibesh’, organized by K.D. College of Commerce and General Studies, Midnapore.
- 16.09. 2022. Invited Lecture on ‘Uttar-Upanibesh o Badal Sircar-er Third Theatre’, organized by Department of Odia, Bhasha Bhavana, Visva-Bharati.

Nilratan Sarkar

- 27.02.2023. Delivered a Lecture on “Bangla: Lekhar Bhasha, Mukher Bhasha” in a One day Seminar on ‘International Mother Language Day’ at Govt. General Degree College, Nakashipara, Nadia.
- 17.02.2023. Presented a paper on ‘Rabindranath: Kabi-Karmi-Sampadak’ in a One-day International Seminar organized by Rabindra Bharati University. Title of the presentation: “Rabindranath Sampadito Dui Aprakashito Sankalan”.
- 24.03.2023. Delivered a Lecture on “Tulanamulak Sahitya Charchay Rabindranath O Tnar Visva-Bharati” in a National Seminar & Workshop on ‘Bangla Bhashay Tulanamulak Sahitya Charcha’, Department of Comparative Indian Language & Literature, University of Calcutta.

Publications

Mrinal Kanti Mandal

Articles in Books

- ‘Asamapta Katha: Mastermashaiyer Sange’. *Pasupati Sasmal Smarak Grantha* Edited by Atanu Sasmal pp. 58-63 Doshor Publication, 2022 ISBN: 978-81-953349-6-4, pp.58-63.

Amal Kumar Pal

Books

- *Anandabazar: Santiniketan*, Boiwala Book Café, September 2022, ISBN 978-93-94087-04-0.

Edited Books

- *Noton Noton Payra: Chotoder Chirakalin Chora* Santiniketan: Boiwala Book Cafe, February 2023. ISBN: 9789394 087507.
- *Ukrainer Upokatha*. Kolkata: Lalmati Prakashan. February 2022. ISBN: 978-93-95097-50-5.

Articles in Books

- 'Pasupatida', *Pasupati Sasmal Smarakgrantha*, Dosor Publication, January 2023 ISBN 978-81-953349-6-4

Sudip Basu

Edited Book:

- *Swadhinata 75: Chokher Araler Kahini, A collection of essays on life and dedication of freedom fighters of West Bengal(district-wise)*, published on the occasion of "Azadi Ka Amrit Mahotsav", Kolkata Book Fair 2023, edited by Sudip Basu. Kolkata: Diya Publication, Kolkata. ISBN: 978-93-92110-67-2.

Articles in Books:

- *Narir Kshamatayan: Ekalin Bibechanaya, A Collection of Critical Essays on Women's Empowerment in Society and Literature*, published in the International Proceedings of 'Rethinking about Women's Empowerment in Society and Literature'. Pp. 193-198. West Bengal, India: Nalak Publisher. December 2022 ISBN: 978-81-951412-7-2 (e-book)

Articles in Journals

- Madhusudaner 'Brajangana': Samakale Ebng Kalottare, A Collection of Critical essays on Michael Madhusudan Dutt. *Korok*, January 2023, 123-137.

Aparna Roy

Articles in Books

- 'Introduction', *Prachin Banga Sahitya: Kalidas Roy*. Kolkata: Bharabi. July 2022. ISBN: 978-93-82 653-15-8.

Chapter-2

Manabendranath Saha

Books

- *Lamha Lamha*, Deepti Naval, Translated in Bengali by Manabendranath Saha. Kolkata: Saptarshi. May 2022. ISBN: 9789390830237s.
- *Kaler Bikhshane Adhunik Kobita*. Kolkata: Ekush Shatak. February, 2023. ISBN: 978-93-93903-48-8.

Edited Books

- *Bisanna Atatai: Jean Luc Godard*, Book Edited by Manabendranath Saha. Kolkata: Palak. February 2023. ISBN: 978-93-94278-44-8.

Articles in Books

- ‘Bhaskar Chakrobortir Kobita’, *Pasupati Sasmal Smarak Grantha*, ed. by Atanu Sasmal. Kolkata: Dosor. January 2023. ISBN: 978-81-953349-6-4.

Articles in Journals

- ‘Evolution of Screenplay in Bengali Cinema’, *Yapanchitra*, ed.by Prabal Kumar Basu, Special Issue, April 2022. ISSN: 581-7043.
- Satyajit Chaloohitir Narira, Satyajit Sandesh, Ed by Shibaditya Dasgupta and others, Satyajit Ray Janmo Shatabarsho Udjapan Committee, 2 May 2022, Kolkata.

Manabendra Mukhopadhyay

Books

- *Kothay Aamar Shesh*, Boiwala Book Cafe Edition. Santiniketan: Boiwala Book Cafe. January 2023. ISBN: 978-93940-8736-1.

Edited Books

- *A Collection of Bengali Novels by Gunamay Manna: Vol.2*. Kolkata: Ebong Mushayera. January 2023. ISBN: 978-93-93516-16-9.
- *Sahityer Rup-Riti O Anushangik*. Kolkata: West Bengal State Book Board. January 2023. ISBN: 978-81956-120-1-7.

Articles in Books

- ‘Rammohon Vidyasagar O Tnader Chintakathhamogata Kichhu Prasanga’, *Rammuhoner Bahumatrikata* (Ed. by Rajeshchandra Mandal). PP. 261-268. Kolkata: Akshar Prakashani. November 2022. ISBN: 978-93-83161-39-3.

- ‘Prakkathan Dui Banglar Sanskriti: Parbantarer Katha’, *Dui Banglar Sanskriti: Parbantarer Katha* (Ed. by Jayanta Gour and Rajashree Basu).pp.1-8.Burdwan: Bharat Vidya Charcha Kendra. March 2023. ISBN: 978-81-956177-1-5.

Articles in Journals/Periodicals:

- ‘Mangalikata, Nandanikata O Ashramik Kshitimohon’, *Dibaratrir Kabya*, April-June 2022. (Ed. Afif Fuad).pp.240-254. ISSN: 2229-5763.
- ‘Upanibesh Theke Sahanibesh : Ekti Kalpabhashan’, *Swarantar* (Ed. Dwijendra Bhowmick). July-December 2022.pp.32-47. ISSN: 2395-0935.
- ‘Santiniketaner Vasantyotsava: Itihas O Anudhaban’, *VOA Bangla* (e-mag: www.voabangla.com), USA, March 7 2023.

Atanu Sasmal

Books

- *Pasupati Sasmal Smarak Grantha*, edited by Atanu Sasmal. Kolkata: Doshor Publication. January 2023. ISBN : 978-81-953349-6-4.

Articles in Books

- Pasupati Sasmaler Sankshipto Jibanpanji, *Pasupati Sasmal Smarak Grantha* edited by Atanu Sasmal Doshor Publication. January 2023, ISBN : 978-81-953349-6-4.

Rita Modak

Articles in Books

- ‘Rabindranath Thakurer Shikshachinta: Bhabna-Parikalpana-Rupayan’, *Rabindrachintacharcha*, ed. Utpal Mandal-Ashis Roy, Bangla Bibhag, Uttarbanga Visvavidyalay. 2 March 2023.

Shreela Bose

Published Book (Edited)

- *Alo Basur Khata*, Gangchil, ISBN 978-93-93569-79-0.

Articles in Books

- ‘Kolkatar Shilpe Ranga- Byanga O Kechcha kotha: Kalighater Pot O Onyanyo’ in *Bangla Sahitya O Sangskritite Ranga Byanga Kechcha*, ed.by Puja Karmakar Saradwat Manna and Nurul Murtaja, Dey’s Publishing. Sept 2022. ISBN 978-93-94742-52-9.

Chapter-2

- ‘Mathay Mukut Komore Shikol’ in *Meyeder Monologue* ed. Gargi Roychoudhury, Karigar, January 2023, ISBN 978-93-93669-37-7.

Articles in Journals

- ‘Parichay O Rabindranath, Parichay’ March- June 2022, Ed. by Abhra Ghosh, ISSN 2321-936X.
- ‘Bhinnatar Sahabasthan: Banglat Mondiree Andar o Bahire’ *Bibhagiya Patrika*, Dept of Bengali, Jadavpur University. Ed. by Rajweshar Sinha. pp. 190-200.

Biswajit Ray

Articles in Books

- ‘Banglay Bhadrolok-Sangaskriti O Bramha Anandamohan’, *Anandamohan Basu: Jibon O karma*, Arnab Nag (ed.). pp.100-111. Kolkata: Sadharan Bramhasamaj. Sept 2022, ISBN: 978-81-955774-1-5.
- ‘Santiniketan Patra/ Visva-Bharatir Parikalpana Prasanga’ in *Debanang Priyo*, Indrajit Chawdhury (ed.). pp.33-54. Kolkata: Carbak. Dec 2022, ISBN: 978-81-955889-2-3.
- ‘Goyenda Jakhon Kalidas: Sukumar Sener Swadeshi Goyenda’ in *Goyenda Darpan*, Ranita Chatterjee (ed.). pp.86-105. Kolkata: Sristisukh Jan 2023, ISBN: 978-93-89953-93-0.
- ‘Natun Kore Gadyer Bhasa Tairir Kaj’, Semanti Ghosh (ed.) pp. 44-46. Ananda Publishers Private Ltd, Jan 2023, ISBN: 978-93-5425-322-5.
- ‘Feluday Lalmohone Dwanda Aharnish’, *Anustuper Satyajit*, Chandak Sengupta (ed.). pp. 339-382. Anustup: Kolkata, Jan 2023, ISBN: 978-93-93472-22-9.
- ‘Romance O Novel/ Katha O Akhyayika/ Nakshadharmi Uponayas’, *Sahityer Rup-Riti O Anusangik*, Manabendra Mukhopadhyay (ed.). pp.114-119. West Bengal State Book Board, Kolkata, Jan 2023 ISBN: 978-81956-120-1-7.
- ‘The Idea of Ahimsa: Gandhi Rabindranath Comparison’, *The Incandescent Classroom*. Pranab Kumar Mandal-Sankha Ghosh (ed.). pp.86-99. Department of English, RKM Residential College, Narendrapur, 2023.

Articles in Journals

- ‘Ingrepurba Bharatbarser Rup Sambandhe Subhas’, *Jijnasa*, 2022-2023, R.N. 73148/80 pp. 99-108.

- ‘Kalahar Rasatatwa Sambandhiyo Prastabana’, *Subhasree*, 2022-2023, ISSN 2320-4141, pp.7-21.
- ‘Ni-dhatu Nispanno Shabdo Sambandhe Kichu Agochalo Katha’, *Parichay*, Nov 22- Feb 23, ISSN No 2321-936X, pp.1-10.

Milan Kanti Biswas

Books

- *Rabindranath o Lokasanskriti*. Kolkata: Dey’s Publishing. January 2023. ISBN 978-81-19033-08-9.
- *Prabandha Sangraha: Lokasanskriti*. Santiniketan: Boiwala Book Cafe. January, 2023. ISBN 978-93-94087-51-4.

Edited Books

- *Matite Janma Nilam, Abdul Jabbar*. Santiniketan: Boiwala Book Cafe, January 2023. ISBN 978-93-94087-27-9.

Articles in Books

- ‘*Raktakarabi: Lokayoto Oitihyer Aloke*, Published in the books *Raktakarabi: Bahumatrik Bhabonay*’, ed. by Dr. Tapan Mandal. pp.265-280. Kolkata: Bangiya Sahitya Samsad. May 2022. ISBN 978-93-90993-54-3.

Articles in Journals

- ‘*Lokasanskritir Khetrasamikkha: Tattwa o Paddhati*’, *Lokojosanskriti*. ed. by Sougata Chattapadhyay, vol – 3, 2022, 61-66.
- ‘*Lokasanskritite Paribesh Bhavana*’, *Abhimukh*, ed. by Sougata Chattapadhyay, Issue -1, April 2022. pp. 70-78. ISSN- 2349-4107.
- ‘*Sundarban Anchaler Luptapray Kichu Lokasangit*’, *Loka-Utsa*, ed. by Dr. Parimal Barman, vol. 2, Issue -1, pp. 46-52. ISSN – 2321-7340, E ISSN – 2583-360X.

Payel Mukherjee

Books

- *Charitabhidhan*, Payel Mukherjee (Co-author Dr. P.C. Das) January, 2023, Kolkata: Katha-O-Kahini. ISBN: 978-93-92328-20-6.

Articles in books

- ‘*Oitihāsik Natak, Poranik o Bhaktimulak Natak, Samajik Natak and Shruti Natak o Betar Natak*’, in *Sahityer Rup-Riti o Anushangik*, Manabendra Mukhopadhy (ed.)

Chapter-2

January, 2023.pp.78-86. Kolkata: West Bengal State Book Board, ISBN 978-81956-120-1-7.

Nilratan Sarkar

Articles in Journals

- “Bishes Sankhar Parichay’, *Parichay*, June 2022.pp. 86-105. , ISSN 2321-936X.
- “Ramkrishna Bhattacharyar ‘Vikalpa Jivandarshan’ O Tanr Neeti-Durneeti”, *Parichay*, January 2023. pp. 211-24. ISSN 2321-936X.
- “Deshbhager Smriti O Uttaradhikar”, *Parichay*, January 2023. pp. 168-72. [ISSN 2321-936X].

Student’s Seminar/Conferences/Workshop

Following students presented papers on Tarasankar in a Seminar organized by the Department of Bengali.

- 01.12.2022. Saberi Mandal, “Tarasankarer Jalsaghar : Galpo theke Chalacchitra”.
- 01.12.2022. Pinki Mandal, “ Sahitya theke Natak : Tarasankar Bandyopadhyay”.
- 01.12.2022. Biswajit Sarkar, “Tarasankar Bandyopadhyayer Jalsaghar : Satyajit Rayer Chalacchitra”.
- 01.12.2022. Rahul Ghosh, “Atiter Bhasha Arther khonj, Charitrer Chhando”.
- 01.12.2022. Oindrila Tewari, “Hardy Tarasankar O Jivanananda : Akhyane Samajbastabata”.
- 01.12.2022. Bipul Pal, “Tarasankarer Chhotogalpe Lokasankritir Upadan”.
- 01.12.2022. Badal Pal, “Tarasankarer Upanyase Bastabata O Matadarsher Dwando”.
- 01.12.2022. Shelly Saha, “Shrikumar Bandyopadhyayer Dristite Tarasankarer Upanyase Jivan Bastab”.
- 01.12.2022. Romio Sarkar, “Deshaja Akhyan Riti-r Anushange : Kabi Uponyas”.
- 01.12.2022. Gopal Murmu, “Kalindi Uponyase Santal”.

Other Departmental Activities

- Published Departmental literary magazine ‘*Eshana*’.

Academic distinctions gained by Teachers/Scholars or the Department as a whole (like recognition as D.S.A. or C.A.S. etc.)

Professor Sudip Basu

- Nominated as a member of the Board of Trustee, Indian Museum, Kolkata by Ministry of Culture, Govt. of India.

Designing New Course/Curriculum or any other teaching innovations introduced by the Department

- Introduced interactive tutorial classes.

DEPARTMENT OF ENGLISH

Name of the students qualified in UGC/CSIR/NET/SLET and GATE Examinations

Total: 05

1. Argha De. (GATE, March 2023). Registration number XH23S36508038
2. Debabarnine Bhattacharya. (NET, November 2022). Roll No: WB10671340
3. Mayuri Bhakat. (NET, November 2022). Roll No. WB02670067.
4. Swarnendu Ghosh (NET, November, 2022). Roll No.: WB10670569
5. Rituparna Chakraborty. (NET, November 2022). Roll No: WB01670141.

Departmental Seminar (Speakers, Title of the Seminar, Date):

The Department organized and hosted the following academic events by national and international scholars/faculty

- 23.06.2022. “The National Education Policy and the Liberal Arts/Liberal Arts University”. Saikat Majumdar, Professor of English and Creative Writing, Ashoka University, in conversation with Ananya Dutta Gupta.
- 23.06.2022. “The Craft of Writing: A Creative Writing Workshop” with Saikat Majumdar, Professor of English and Creative Writing, Ashoka University, as Resource Person/Facilitator/Expert.
- 09.01.2023. “People, Places and Practices as Texts: Lessons from my Ethnographic Engagement with the Evolving Myth of Bonobibi of Sundarbans.” An invited Special Lecture by Dr. Poulomi Das, Assistant Professor of Writing, Liberal Arts and Humanities, Jindal Global University, Haryana.
- 20.01.2023. “*What’s in a Name? Renaming Ram-Leela*, Bhansali’s banned *Romeo and Juliet*.” An invited Special Lecture (online) by Dr. Thea Buckley, Research Fellow, Queen’s University at Belfast, United Kingdom.

National and International standard Conference / Seminar / Workshop / Exhibition etc.:

Total Number: 31

Amrit Sen

- 05.05.2022. Delivered a Plenary Address titled “Tagore and Jimenez” at an International Round Table Conference on “The influence of Tagore on Juan Ramon Jiménez and Zenobia” organized by the Cervantes Institute, Madrid, in collaboration with ICCR.
- 07.05.2022. Delivered a Plenary Address titled “Tagore and his Primers” at an International Conference on “Tagore as an Educator” organized by the University of Valladolid, Spain, in collaboration with ICCR.
- 23.06.2022. Delivered an online lecture titled “The Aesthetics of the Enlightenment” in a Short-Term Course on “Aesthetics and Literary Criticism” organized by the Centre for Language, Literature and Translation Studies, Netaji Subhash Open University, Kolkata.
- 23.07.2022. Delivered a Lecture online on “Those Unforgivable Curses in Harry Potter” organized by the iSpell, Kolkata Forum.
- 13.09.2022. Delivered a Lecture titled “Guernica and Modernist Aesthetics” at the One-Day National Seminar entitled "Revisiting Modernist Aesthetics in 2022" organized by the Department of English, Gokhale College.
- 05.09.2022 – 17.09.2022. Delivered an invited lecture online on “The Fiction of Abdulrazak Gurnah” at the Refresher Course on Contemporary Writings in English organized by the HRDC, University of Mumbai.
- 27.09.2022 – 29.09.2022. Delivered a Lecture titled “Bankimchandra and Muchiram Gurer Atmcharit” at the National Seminar titled "Bankimchandra and Indian Nationalism" organized by the Ramakrishna Mission Institute of Culture Kolkata, in collaboration with Indian Council of Philosophical Research.
- 07.11.2022 – 15.11.2022. Delivered the Keynote Address titled “The Methodology of Teaching English” at ‘In-Service Training / Orientation Programme for School Teachers’ Sponsored by MoE, Govt. Of India under RUSA organized by Ramakrishna Mission Sikshanamandira, Belur.
- 16.11.2022. Delivered a Plenary Address titled “Santiniketan, Education, Rural Development and International Relations" in the International Congress on "International Projects and Experiences" held on 18-19 November 2022 at Casa de la India, Valladolid, Spain.

Chapter-2

- 21.11.2022. Delivered an invited lecture online on “The National Anthem and Constitutional Values” at the Third Faculty Induction Programme organized by the HRDC, University of Burdwan, from 16.11.2022 to 15.12.2022.
- 28.11.2022. Delivered an invited lecture online on “How to be a Good Research Guide” at the Third Faculty Induction Programme organized by the HRDC, University of Burdwan, from 16.11.2022 to 15.12.2022.
- 05.12.2022. Delivered an invited lecture online titled “Literature and songs: the Case of the Indian Diaspora” at the Refresher Course on Interdisciplinary Studies and Bengali Discipline organized by the HRDC, Jadavpur University, from 28.11.2022-10.12.2022.
- 08.12.2022. Delivered an invited lecture online on “Women and the Sugar Diaspora” at the Refresher Course on Modern Indian Literature organized by the HRDC, Utkal University.

Ananya Dutta Gupta

- 20.09.2022. Delivered an invited plenary lecture in person titled “Tradition and Individual Talent: An Outsider Reading Stylistic Norms in *Tolkappiyam*” at *Disseminating Classical Tamil Literature (Tolkappiyam) among non-Tamils: Two-Day National Workshop* organized by the Central Institute of Classical Tamil, Chennai, and Department of Tamil, Bhasha Bhavana, Visva-Bharati, Santiniketan.
- 10.11.2022 – 12.11.2022. Presented a paper titled “*The unworthiest shows as fairly in the masque: War and Un-Truth in Troilus and Cressida*” at *Unmasking Shakespeare: 5th Conference of the Asian Shakespeare Association*, Online from South Korea, Asia. <https://youtu.be/nShhcz-AfhI>
- 02.12.2022. Participated as Panelist at an online International Panel Discussion on “Preserving the Repository of Indigenous Cultures and Religions” organized by *Tell Me Your Story*, online, <https://www.facebook.com/events/664755058711778>
- 02.03.2023 – 04.03.2023. Presented a paper online titled “*No man is an island: Climate Change and the Challenge to Insularity in Amitav Ghosh’s Gun Island*” at an International Conference on *Islands in Literature, Literary Islands, Island Literature* organized by the Department of Germanic and Romance Studies. University of Delhi.

- 03.03.2023 – 05.03.2023. Participated as Discussant in person in the session titled *My Natural World* with Sumana Roy at the international literary fest *Nabanna Earth Weekend*, Santiniketan, organized by the Suresh Amiya Memorial Trust.

Debarati Bandyopadhyay

- 26.06.2022. Delivered an Invited Lecture titled "Life and Works of Bimal Kar" in the National Birth Centenary Seminar on "Bimal Kar" organized by Sahitya Akademi, Kolkata.
- 18.09.2022. Participated as Expert in “Naba Angiker Sandhan o Bimal Kar”, *Sahitya Sanskriti*, Television Interview, with S. Chattopadhyay, S. (writer) and T. Bir as moderator. Executive Producer, K. Das for Doordarshan Kendra Kolkata.

Saurav Dasthakur

- 08.12.2022. Delivered an invited lecture titled “What is a Poet?: *The Waste Land* and a Twentieth Century Discourse of Authorship” as part of the national-level lecture series organized by the Department of English, Basanti Devi College, Kolkata.
- 17.12.2022. Delivered an invited lecture titled “*He do the Police in Different Voices: Modernism, the Problem of Identity and The Waste Land*” as part of an international lecture series organized by the Centre for Distant and Online Education, Department of English, Rabindra Bharati University, Kolkata.
- 18.12.2023. Delivered an invited lecture titled “Introduction to Literary Studies: Literature, Criticism and Theory” as part of a national-level lecture series organized by the Department of English, Durgapur Women’s College, Durgapur.

Swati Ganguly

- 01.12.2022. Delivered an invited talk on the monograph *Tagore’s University: A History of Visva-Bharati 1921-1961* at the Bangalore Lit Fest, Bangalore.
- 15.1.2023. Invited to speak in the panel titled Talking Tagore on Tagore’s Legacy in Education at the *Apeejay Kolkata Literary Festival*, Park Mansions, Kolkata.
- 26.1.2023. Invited to speak on the monograph *Tagore’s University: A History of Visva-Bharati 1921-1961* at the *Tata Steel Kolkata Literary Meet*, Birla Museum, Kolkata.

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- 01.3.2023. Invited to speak on the monograph *Tagore's University: A History of Visva-Bharati 1921-1961* at the *Nabanna Earth Weekend*, an international literary fest in Santiniketan, organized by Suresh Amiya Memorial Trust and Arthshila, Santiniketan.
- 04.3.2023. Invited to be in conversation with R. Sivakumar on "Artists and Artisans in Santiniketan and Sriniketan" at the *Nabanna Earth Weekend*, an international literary fest in Santiniketan, organized by the Suresh Amiya Memorial Trust.
- 22.3 2023. Delivered an invited online lecture titled "Tagore's University: A History of Visva-Bharati 1921-1961)" organized by the South Asia Studies, Princeton University, NJ, the US of America.

Usham Rojio Singh

- 05.02.2023. Book talk in person at *Kolkata International Book Fair* on the book *Heisnam Sabitri: The Way of the Thamois* (2022), co-authored by H. S. Shivaprakash and Usham Rojio.
- 01.03.2023. Presented a paper in person titled, "The Politics of Language and the Language of Poetry," at the three-day National Conference on "Languages and Knowledge System: Distinctiveness and Prosperous Features of Texts and Oratures in North East India", organized by Manipur University, Imphal, and Special Centre for the Study of Northeast India, Jawaharlal Nehru University, New Delhi and funded by Bharatiya Bhasha Samiti, Ministry of Education, Government of India.

Research Scholars' Conference / Seminar / Workshop Participation / Presentations (Total = 12)

Samanta, Abhishek

- 05.08.2022 – 06.08.2022. Presented a paper titled "Treatment of history as a pluralistic discourse in Shashi Tharoor's *Riot: A Novel*" in the Two-Day National Level Seminar entitled "Trends in Post-Independence Indian Literature" organized by the Departments of Bengali (UG & PG), Hindi, English, Sanskrit and Santali of Mankar College, Purba Bardhaman, West Bengal.

Mitra, Arkadeep

- 11.03.2023 – 12.03.2023. Presented a paper titled “The Fear of Blood: Colonialism and the Political Metaphor of Blood”, in the international seminar on “Fear”, organized by the Department of Humanities and Social Sciences, IIT Madras.
- 25.02.2023 – 26.02.2023. Presented a paper titled “Echoes (of Violence) from the Distant Past: ‘Love Song of J. Alfred Prufrock as a Critique of Violence”, in an international seminar on “100 Years of *The Waste Land*, *Ulysses* and *Jacob’s Room*”, organized by Department of English, Aligarh Muslim University.
- 23.08.2022 – 25.08.2022. Presented a paper titled “Memories of the Unlived and Unborn: Orhan Pamuk’s *A Strangeness in My Mind as an Archive of the Non-existent*”, in the International seminar on “Memory in a Digital Age”, organized by the Centre of Memory Studies, IIT Madras.

Chowdhury, Pallabi

- 06.01.2023 – 07.01.2023. Presented a paper titled “Politicizing Ecology: Reading Visual narratives of the ‘Ecosystem People’”, in the “Graduate Research Meet” organized by the Department of Humanities and Social Sciences, Indian Institute of Technology, Guwahati.

Ghatak, Sanghamitra

- 20.08.2022 – 21.08.2022. Presented a paper titled “Apocalypse, Gothic and the Rupturing of Social Hierarchy: An Interpretation of Marxian Tendencies in *Pride and Prejudice* and *Zombies*”, in the International Conference on “Literature and Society Across Cultures” organized by Shakespeare Society of Eastern India and Tagore-Gandhi Institute.
- 25.02.2023 – 26.02.2023. Presented a paper titled “Unreal City, Under the Brown Fog of a Winter Dawn”: Exploring the Urban Psyche in *Game of Thrones* through Eliotian Tendencies”, in the International Conference on “100 Years of *The Waste Land*, *Ulysses* and *Jacob’s Room*” organized by the Department of English, Aligarh Muslim University, Aligarh, India.

Ghosh, Swarnendu

- 20.08.2022 – 21.08.2022. Presented a paper entitled “Shakespeare and Manga: A Study of two twenty-first Century Graphic adaptations of *Hamlet*”, in the

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International Conference on “Literature and Society Across Cultures” organized by Shakespeare Society of Eastern India and Tagore-Gandhi Institute.

Mondal, Bidhan

- 22.07.2022. “Shifting Paradigms of Tiger as a Character in Bengali Folktales and Young Adult Stories” in DESNU national-level Conference on *Characterology: Reading Characters & Characterization in Literature and Culture* organized by the Department of English, Sister Nivedita University.
- 20.08.2022 – 21.08.2022. “Literary Portrayal of the Folk on Stage: Plays, Performances & the Periphery in Birbhum” in the International Conference and Workshop on *World Literatures, Culture & Society* organized by Shakespeare Society of Eastern India and Tagore Gandhi Institute of Culture Studies in collaboration with ICCR, Kolkata.
- 20.07.2022 – 02.08.2022. Participated in an Online Subject Refresher Course on *Human Rights* organized by UGC, HRDC, Aligarh Muslim University.

Yasmin, Safia

- 23.08.2022 – 25.08.2022. Presented a paper titled “*As in, how do you know if a machine is expressing a real emotion or just simulating one?* A Reading of Alex Garland’s *Ex Machina*” at an international conference on Memory in a Digital Age, organized by the Centre for Memory Studies, Indian Institute of Technology, Madras.

Extension Activities/NSS/Cultural and other activities organized by the Department and participated in by the Teachers and Students of the Department.

The Department organized the following extra-curricular activities with active participation from students and research scholars:

- 25.09.2022. The Department’s contribution of Rs 25,200/- to the University’s Seva (Charity) Fund from the proceeds of Ananda Bazar, Sharodotsava, was the highest among all other departments of the university.
- 21.12.2022. The Department hosted a performance titled “Kamalasundarir Pala”, adapted from Tagore’s short story “Musalmanir Galpo”, by Daul Theatre Group, Santiniketan, and directed by current research scholar, Bivash Bishnu Chowdhury.

- 19.02.2023. The Department organized a day-long educational excursion for students, research scholars, staff and faculty at Deul, Bardhaman.
- 10.03.2023: The students and the members of the faculty and the staff joined hands to mark Gandhi Punyaha with the traditional spring-cleaning drive.

Academic Distinctions gained by Teachers/Scholars or the Department as a whole (like recognition as Department of Special Assistance (DSA) or Centre for Advanced Studies (CAS), etc.)

Teachers:

The following members of the departmental faculty have been performing administrative and extension activities individually:

- Amrit Sen has been serving as Director (Officiating), Grantham Vibhaga, Visva-Bharati, Member IQAC, Visva-Bharati, Member, PhD Adjudication Committee, Member, MOU Committee. He was and remains Member, BOS of Department of English at Aliah University, Research Committee at the University of Burdwan, RAC at Rabindra Bharati University.
- Ananya Dutta Gupta continues as Executive Member, Women's Association of Visva-Bharati and has actively participated in cultural and academic programmes organized and hosted by the Association.
- Ananya Dutta Gupta is Member of the Editorial Committee, *Jatika*, E-Magazine of Women's Association of Visva-Bharati, and was very actively involved in the publication of the e-magazine's inaugural issue on April 13, 2023. https://visvabharati.ac.in/files/896130423_WAEM.pdf
- Debarati Bandyopadhyay served on the Annual Report Committee and the Board of Studies of the Women's Studies Centre.
- Debarati Bandyopadhyay served as external member of the BoS of the Department of English, Rabindra Bharati University, Kolkata.
- Debarati Bandyopadhyay served as the Vice-President of MELOW (The Society for the Study of the Multi-Ethnic Literatures of the World), formerly MELUS-MELOW.
- Saurav Dasthakur worked as Member, Bhavana Admission Committee, Bhasha-Bhavana.
- Sudev Pratim Basu continues to perform the following administrative duties:

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- Proctor (Officiating), Visva-Bharati
- Member, Visva-Bharati Internal Complaints Committee of Prevention of Sexual Harassment against Women in the Work Place (ICC-PSHWW)
- Chairperson, Visva-Bharati Canteen Management and Tendering Committee
- Member, Visva-Bharati Swimming Pool Management Committee
- Chairperson, Visva-Bharati Standing Students' Disciplinary Committee
- Chairperson, Visva-Bharati University Level Anti-Ragging Committee
- Chairperson, Visva-Bharati Hostel Management Committee
- Member, Committee for Implementation of Visva-Bharati Contributory Health Scheme – 2022
- Head of the Department of English, Bhasha Bhavana; since 14.12.2022
- Member, Visva-Bharati Project Monitoring Committee (PMC) pertaining to HEFA Funded Projects
- Internal Member, Institute Board, Siksha-Satra, Visva-Bharati
- Member, Visva-Bharati Research Board
- Member and Discussant, Dialogic: Visva-Bharati Young Scholars' Lecture Series
- Member, Visva-Bharati Equal Opportunity Cell
- Tapu Biswas continues to serve as Vice-Principal, Bhasha Bhavana, Visva-Bharati since his appointment on 20.09.2022.

Research Scholars:

(PhD and MPhil degrees awarded, in chronological order)

Total = 10 (MPhil: 07, Ph.D.: 03)

- 11.04.2022. Monami Goswami was awarded an M.Phil. degree after successfully defending her dissertation titled "Language and Becoming: Politics and Practice of English Language in Nineteenth Century Native English Periodicals," supervised by Saurav Dasthakur.
- 03.05.2022. Debottama Ghosh was awarded an M.Phil. degree after successfully defending her dissertation titled Transfiguring Modernity: Japanese Detective Fiction in the Twentieth Century (1925-1961), supervised by Ananya Dutta Gupta.
- 23.05.2022. Madhumita Roy was awarded a Ph.D. degree for her dissertation on Rabindranath Tagore's Engagement with Science, supervised by Amrit Sen.

- 24.06.2022. Rajesh Das awarded an M.Phil. degree after successfully defending his dissertation titled “Representation of Boarding School Life in the Select Comics of Narayan Debnath”, supervised by Sudev Pratim Basu.
- 28.6.2022 Riman Rakshit was awarded an M.Phil. degree after successfully defending her dissertation titled “Jewish Calcutta: A Study of the City and its Baghdadi Jewish Community through Select Works of Jael Silliman”, supervised by Swati Ganguly.
- 29.09.2022. Chandrima Das was awarded a Ph.D. degree for her dissertation on “Crime and the Colony: The Intersection of Criminal and Colonial Discourses in the Eighteenth Century”, supervised by Amrit Sen.
- 26.10.2022. Rituparna Sengupta was awarded an M.Phil. degree after successfully defending her dissertation titled “The Idea of a Platter: Recipe Books, Identity and Culture in Colonial Bengal from 1883-1927”, supervised by Ananya Dutta Gupta.
- 26.10.2022. Shinjini Ghoshal was awarded a Ph.D. degree after successfully defending her dissertation titled “Re(de)ducing Sherlock Holmes through Select Concepts of Schopenhauer, Nietzsche and Freud”, supervised by Sudev Pratim Basu.
- 01.12.2022. Sabnaj Parvin was awarded an M.Phil. degree after successfully defending her dissertation titled “Negotiating Post 9/11 Identity Crisis of the Pakistani Diaspora Muslims: A Study of the Select Plays of Ayad Akhtar and Wajahat Ali”, supervised by Amrit Sen.
- 01.12.2022. Pintu Naskar was awarded an M.Phil. degree after successfully defending his dissertation titled “*The whole country is my enemy*: Representation of Class, Gender, and Identity in the Plays and Select Short Stories by Ritwik Ghatak”, supervised by Amrit Sen.

Publications:

i) Monographs (Total: 02)

- Bandyopadhyay, D. (2022). *Bimal Kar*. Makers of Indian Literature Series. New Delhi: Sahitya Akademi. ISBN 978-93-5548-236-5.
- Ganguly, S. (2022). *Tagore’s University: A History of Visva-Bharati 1921-1961*. Ranikhet: Permanent Black, in association with New India Foundation and Ashoka University [The Hedgehog and Fox series]. ISBN-13: 978-8178246406.

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- ii) Research Papers in Peer-Reviewed/Refereed/UGC-CARE/ICAR-NAAS listed journals:

Individual Publications:

a) Single Author

Teachers' Publications:

Chapter in Book/Anthology (Total: 05)

- Sen, A. (2023). "The Forgotten Voices: Indian indentured Women in select Diasporic Novels" in Pinaki Roy, ed. *Words from India in the West: A Critical Approach to Select Writings by the Diasporic Indian Litterateurs* (pp. 117-28). New York: Columbia University Press. ISBN 9783838217185.
- Bandyopadhyay, D. (2023). Tagore's Educational Philosophy: Entwined Theory and Practice. In Mohammad A. Quayum (Ed.), *Rabindranath Tagore's Journey as an Educator: Critical Perspectives on his Poetics and Praxis* (140- 156). London and New York: Routledge. ISBN 9780367695002.
- Roy, D. (2022). "Of Broken Umbrellas and Winged Steeds: Rabindranath Tagore's World of Children's Literature and His Philosophy of Education". Mohammad A. Quayum (Ed.), *Rabindranath Tagore's Journey as an Educator: Critical Perspectives on His Poetics and Praxis* (pp 232-251). London: Routledge. ISBN 9780367695002.
- Dasthakur, S. (2022). "Refugee, Not Being One," translation of Nityapriya Ghosh's "Udbastu, Udbastu Na Hoyeo." Angshuman Kar (ed.). *Divided: Partition Memoirs from Two Bengals*. Kolkata: Gangchil. 74-92. ISBN: 978-93-93569-75-2.
- Dasthakur, S. (2023). Entries on "Classicism," "Neoclassicism" and "Romanticism." Manabendra Mukhopadhyay (ed.). *Sahityer Rup-Riti o Anushongik*. Kolkata: Paschimbanga Rajya Pustak Parshat. 247-54. ISBN: 978-81596-120-1-7.

Articles in Print Journals (Total = 04)

- Sen, A. (2022) 'Anne Ernaux: Nobel Prize in Literature 2022', *Science and Culture*, Volume 88, Nos. 10-11, 439-440. ISSN-00368036.
- Roy, D. (2022). "Kabita Onubaader Bishoye Du-ekti Praashongik Katha". *Agrobeej*, Year 15, Issue 1, 195-199.

- Biswas, T. (2022). “The Aesthetics and Politics of Absurdism in Edward Albee’s *The Zoo Story: A Study*.” *International Journal of Cultural Studies and Social Sciences*, pp. 111-19. Kolkata: Avantgarde Press. ISSN-3347-4777.
- Biswas, T. (2022). “Bengali Shakespeares: The Dialectics of Translations.” *Theatre International*, pp. 24-38. Kolkata: Avantgarde Press. ISSN 2378-2036.

Articles in E-Magazines (Total = 02)

- Dutta Gupta, A. (2022, October 9). “Provincialising the Primitive: Durga Pujo Up Close”. *Café Dissensus Everyday*. <https://cafedissensus everyday.com/2022/10/09/provincialising-the-primitive-durga-pujo-up-close/> ISSN 2373-177X.
- Dutta Gupta, A. (2023, March 19). “*Aaro Ek Prithibi*: Worlds within Worlds in Atanu Ghosh’s Cinema”. *Café Dissensus Everyday*. <https://cafedissensus everyday.com/2023/03/19/aaro-ek-prithibi-worlds-within-worlds-in-atanu-ghoshs-cinema/> ISSN 2373-177X.

Book Reviews in E-Magazines (Total = 02)

- Dutta Gupta, A. (2022, April 9). “Kunal Basu’s *In an Ideal World*: An Old Country of Young People”. *The Punch Magazine*. <https://thepunchmagazine.com/the-byword/review/kunal-basu-amp-rsquo-s-in-an-ideal-world-an-old-country-of-young-people>
- Dutta Gupta, A. (2023, November 1). “*The Ink Black Heart*: Robert Galbraith’s New-Age Locked Room Mystery”. <https://thepunchmagazine.com/the-byword/review/amp-lsquo-the-ink-black-heart-amp-rsquo-robert-galbraith-amp-rsquo-s-new-age-locked-room-mystery>

Research Scholars’ Publications

Chapter in Books (Total = 09)

- Mitra, A. (2023). “The Laugh of the Naked Woman: Nakedness and Laughter in Mahasweta Devi’s ‘Draupadi’” in A. Bhattacharya & S. Choudhury (eds.), *Women’s Voices: Representation and Resistance* (pp. 140-152). Delhi: Worldview Publications. ISBN 978-9382267980.
- Mondal, B. (2022). “Breaking the Fourth Wall: A Case Study of Alternative Productions by the Theatre Groups in Birbhum”. *Vabna Theatre*, 11(5), 12-14.

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- Mondal, B. (2022). “Music of the Root: Staging of Devotional Folksongs in the Theatres of Birbhum”. *Ebang Prantik*, 9(20), 123-125.
- Chowdhury, P. and Mukhopadhyay, A.(2023). ‘Voices Treading the No Man’s Land: A study of the Subversive Female Narratives in the Select Radio Plays of Angela Carter’. *Women’s Link – A Bi-Annual Peer Reviewed Journal*. 30(1), 55-61.
- Chowdhury, P. (2022). “Malignant Memory: The Plight of Kashmiri Pandits and their ‘Imaginary Homeland’”. *TMYS Review*, in association with Global South Colloquium, University of Victoria. 67-82.
- Mukhopadhyay, R. Co-authored with Susanta Kumar Bardhan (2022). “‘What bloody man is that?’: Interrogating the Metaphor of Criminality in Shakespeare’s *Macbeth*” in *William Shakespeare’s Macbeth: A Critical Study*, edited by Sunita Sinha, pp. 194-206. New Delhi: Atlantic. ISBN 978-81-269-3497-3.
- Ghatak, S. (2022). From Proscenium to Street: Debunking the Established Form of Theatre Through Badal Sircar’s Third Theatre. In Dr. Nilanjan Chakraborty (Eds.), *The Dialectics of Centre and Margin: Culture, Theory and Praxis* (pp. 73-83). Amazon Kindle Direct Publishing. ISBN-13: 979-8838422460.
- Ghatak, S. (2022). From Proscenium to Street: Debunking the Established Form of Theatre Through Badal Sircar’s Third Theatre. In Dr. Nilanjan Chakraborty (Eds.), *The Dialectics of Centre and Margin: Culture, Theory and Praxis*. Smashwords Inc. E-book. E-ISBN: 9781005733643.
- Paul, S.K. (2022). ‘Swapnabhumi’ (The Promised Land): A Record of Untold Narratives. In Md. I. A & M.K. Mandal (eds.), *Relocating Bengal Partition Milieu: Survival, Resilience and Belongings* (pp. 55-64). CLTCS, Netaji Subhas Open University. ISBN 978-93-82112-86-0.

Articles in Print Journals (Total = 02)

- Halder, P. (2022). ‘Postcolonial Feminist Reading of Perumal Murugan's One Part Woman with its Resistance in Context of Myth and Culture.’ *Akados: An Interdisciplinary Journal of Literature and Cultural Studies*. Vol- 2. pg. 69-78. ISSN 2583-2875.
- Ghatak, S. (2022). Debunking the Power Structure of the Prevalent Western Logic: Interpreting Bob Dylan through the Lens of Derridean Philosophies. *New Literaria*, 3(2), 106-115. doi: 10.48189/nl.2022.v03i2.012. ISSN- 2582-7375.

Designing New Course/Curriculum or any other teaching innovations introduced by the Department:

- MA Optional Paper: M. Op. 67: Text and Performance
- MA Optional Paper: M. Op. 68: Introduction to North-East Indian Literature
- MA Optional Paper: M. Op. 69: Folk Literatures in India and the World

Any relevant information, which in the opinion of the Head of the Department is worth reporting, should be included:

- The Department is currently formulating and re-drafting various syllabi and course modules, complete with Course Objectives and Learning Outcomes, for the four-year BA course under NEP with effect from the current academic year.
- The Department is in the process of reviving its traditional commemoration of Shakespeare Day with an in-house theatrical production of *Hamlet*. Such performances will be vital for innovations in pedagogy.

DEPARTMENT OF HINDI

The study of Hindi Language and literature became an integral part of Bhasha-Bhavana, Visva-Bharati in 1938. The Programme of Hindi study was drawn up under the able guidance of Pt. Hazariprasad Dwivedi. The foundation of Hindi-Bhavana was laid by C.F. Andrews and Kshitimohan Sen and the tireless endeavor of Banarasidas Chaturvedi on 31st January, 1938. The study of medieval Hindi literature and saint literature were of great interest to the Poet Rabindranath Tagore. At present this Department of learning is carrying on research on Modern and Medieval literature, Comparative literature and Rabindra literature in Hindi Translation. Also, Undergraduate, Post-graduate and M.Phil. studies in Hindi literature as well as Certificate and Diploma courses are in the curriculum along with a one-year foreign casual course.

NET/JRF in the year : 2022 –2023

Students awarded NET/JRF in the year, 2022-2023: 01

1. Amit Kumar Singh (NET)

Seminars of the Department:

- 19.05.2022. Lecture delivered by thinker & poet Sri Nand Kishore Acharya on the topic 'साहित्य का प्रक्रियागत प्रयोजन' on the occasion of Devakinandan Srivastava Memorial Lecture.
- 22.08.2022. 'Tulsi Jayanti'. The annual literary programme was held in the Department.
- 14.09.2022. Rajbhasha Hindi Diwas was observed in the conference hall of Central Library. Prof. T.V. Kattimani, the Vice-Chancellor of Tribal Central University was the Chief Guest of honour. Our honorable Vice-Chancellor Prof. Bidyut Chakraborty chaired the programme.
- 15.09.2022. Actor-writer Sri Vijay Kumar visited the Department and delivered a lecture on the topic 'एक अभिनेता की रचना-प्रक्रिया'.
- 23.09.2022. 'Dinkar Jayanti' was organized in the Department. Sri Kedar Nath Singh, son of the late poet joined the programme in online mode.

- 25.10.2022. Prof. Chakradhar Tripathi, Vice-Chancellor of Central University of Odisha, Koraput addressed the gatherings of students and teachers on the topic 'कबीरदास का व्यक्तित्व एवं कृतित्व'
- 30.11.2022. Kumar Ambuj and Nilesh Raghuwansi, the poet duo addressed the students and teachers and recited some of their poems.
- 08.12.2022. Smt. Vandana Tete, the poet & Sri Ashwini Kumar Pankaj, the critic were welcomed in the Department and the spoke on the topic 'दलित अस्मिता'
- 05.01.2023. Bank of Baroda held its Rajbhasha Lecture and felicitated Prof. Damodar Mishra, the Vice-Chancellor of Hindi University, Howrah with 'Hazari Prasad Dewedi Award.'
- 06.02.2023. Halwasiya Memorial Lecture was delivered by Prof. T.V. Kattimani, Vice-Chancellor of Tribal Central University. He delivered the lecture on the topic 'हिन्दी भाषा की सीमाएँ और संभावनाएँ'
- 10.03.2023. Gandhi Punyah was observed in the Department to mark the cleanliness perspective of Rashtrapita Mahatma Gandhi
- 13.03.2023. Dr. Imre Bangha, the Associate Professor of Oxford University, London visited the Department and delivered a lecture on the topic 'हिन्दुस्तानी भाषा का स्वरूप और विस्तार'

Seminars / Workshops / Conferences:

Mukteshwar Nath Tiwary

- 16.06.2022. Delivered online lecture on the topic 'Research Methodology' in the faculty induction programme of HRDC, A.S.C Ranchi University.
- 05.08.2022. Delivered a lecture on the topic 'स्वातंत्र्योत्तरपचहत्तरवर्षों का हिन्दी साहित्य : एक पर्यवेक्षण' at Mankar College, Mankar.
- 06.01.2023. Delivered online lecture on the topic 'Samakalin Hindi Kavita' in the Refresher's course organized by HRDC, Calicut University, Kerala.
- 20.01.2023. Delivered online lecture on the topic 'Research Methodology' in the Faculty Induction programme Conducted HRDC, Academic Staff College, Ranchi University.
- 16.02.2023. Delivered the keynote address on the topic 'समकालीन हिन्दी साहित्य' in a National Seminar Organized by the Department of Hindi, Rabindra Bharati University, Kolkata.

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Sakuntala Mishra

- 19.03.2023. Attended and presented a paper on 'Hindi-Bangla Sahitya ka Antar Sambad' in the International Seminar organized by Bharatiya Hindi Parishad, Allahabad at Jalgaon, Maharashtra.
- 31.03.2023. Attended and presented a paper on 'Bangal ke Musalman Bhakta Kavi' at a workshop, organized by 'Bharatiya Vidya Adhyayan Sansthan, New Delhi.

Subhash Chandra Roy

- 15.03.2023. Delivered a keynote Lecture on the topic 'Desh Videsh Mein Hindi ki Dasha evam Disha' in a International Seminar hosted by the Department of Hindi, Central University of Odisha, Koraput.
- 16.11.2023. Delivered a lecture on the topic 'Sahitya evam Paryavaran' in an International Seminar hosted by Santiniketan Hindi Prachar Sabha, Santiniketan West Bengal.
- 14.01.2023. Delivered a keynote Lecture on the topic of 'Internet ki Duniya Mein kitabon ka Mahatva' in a National Seminar hosted by the 'Mahavidya' B. Deoghar Jharkhand.

Mary Hansda

- 20.09.2022. Delivered a lecture as a resource person on the topic 'हिन्दीभाषा : साहित्य और लोकपक्ष' in online mode in the Seminar organized by Sardar Babasaheb Mane College Rahimatpur, Maharashtra.
- 20.03.2023. Paper presented in International Seminar on the topic 'Education through literature' organized by Barrackpore Rastraguru Surendranath College, Kolkata.

Jagadish Bhagat

- 19.02.2023. Delivered a lecture on the topic 'Alochana ke Salaka Purush Purush Namvar Singh' organized by Antarrashtriya Sahitya Sangam, Siliguri (West Bengal).
- 19.03.2023. Delivered a lecture on 'Parchhaiyon ki Adhkhuli Rat' organized by Antrastriya Sahitya Sangam, Siliguri (West Bengal).

Arjun Kumar

- 16.03.2023. Delivered a lecture on the topic ‘Desh Videsh mein Hindi ki Dasha evam Disha’ in a International Seminar hosted by the Department of Hindi, Central University Odisha, Koraput.
- 29.01.2023. Delivered a lecture on the topic ‘Samkalin Hindi Kahani ki Disha’ in a National Seminar hosted by the Anyatra, Santiniketan.

Shruti Kumud

- 19.11.2022. Delivered a lecture on the topic ‘मनोजपाण्डेय की कहानियों पर बातचीत’ in the Tagore International Literature and Arts Festival, Minto Hall, Bhopal.

Sukesh Lohar

- 19.09.2022: Delivered lecture in State Level Seminar on “Hindi Sahitya Ki Prayojaniyata” jointly organized by Department of Hindi, Bengali, Sanskrit, English & IQAC, City College, Rabindra Sarani, Kolkatta.

Academic Distinction

Mukteshwar Nath Tiwary

- External Member, Board of Studies, Rabindra Bharati University, Kolkata.
- External Member, Board of Studies, Mizoram University, Aizawl.
- Member, Board of Editors, ‘Satraachi’ Journal, Patna.

Sakuntala Mishra

- Nominated by U.G.C. as member of Governing Body of Midnapur (outnamed) College, Midnapur, West Bengal.

Mary Hansda

- Member of UGBOS of West Bengal State University Barasat Kolkata.
- Member of RAC Kazi Nazrul University.Asansol.

Chapter-2

Publications : Books /Articles

Articles in Journals :

- Tiwary, Mukteshwar Nath, (2022, April-June). Editorial 'अपनीबात' *Visva-Bharati Patrika*, ISSN : 2348-4997, 82 (1), 153-168.
- Tiwary, Mukteshwar Nath, (2022, July-September). Editorial 'अपनीबात' *Visva-Bharati Patrika*, ISSN : 2348-4997, 83 (2), 168-175.
- Tiwary, Mukteshwar Nath, (2022-2023, October-March). Editorial 'अपनीबात' *Visva-Bharati Patrika*, ISSN : 2348-4997, 84 (3), 170-179.
- Roy, Subhash Chandra, (2022, May). आदिम संस्कृति की महक 'अध्रवा'. अक्षरा 206, 159-61. ISSN No.-2456-7167.
- Kumar, Arjun, (2022, April-June). जीवनदृष्टि का अपूर्व आख्यान देवप्रिया: एक प्रेमाख्यान. *Visva-Bharati Patrika*. Santiniketan. 82(1), 146-152. ISSN: 2348-4977.
- Kumar, Arjun, (2022, April-June). भाषा के बहाने दृश्यरचता कवि विनोद कुमारशुक्ल. *Gaveshna Patrika*, Kendriya Hindi Sansthan, Agra. 28, pp-pp. ISSN : 0435-1460.
- Kumud, Shruti, (2022, May-June). तंत्रकीचिमनीमेंघुटतेलोग'.माटीपत्रिका. 10, 177-180. ISSN: 2320-3022.
- Kumud, Shruti, (2022, November-December). 'नयेतेवर-औरनयेकलेवरकीकहानियाँ' वनमालीकथापत्रिका, R.N. I.=MPHIN 37775, Joint edition 10-11, 243-246.

Chapter in Books:

- Bhagat, Jagadish, (2022). आदमियतकीतलाशकानाटककार : असगरवजाहत, *Hindi Natak ke Vividh Ayam*. Anand Prakashan, Kolkata (West Bengal). Ed. Dr. Bijay Rawani. ISSN : 978-93-93378-09-5.

DEPARTMENT OF SANSKRIT, PALI & PRAKRIT

Name of the students qualified in UGC/CSIR/NET/SET and GATE Examinations:

- Babhrabi Ghosh NET-JRF
- Bikram Badyakar NET-JRF
- Sumanta Sardar NET-JRF
- Biswajit Mahato NET-JRF
- Dilip Tapadar NET-JRF
- Tania Pyne NET-JRF
- Sukhen Ghosh NET-JRF
- Dipsikha Ghosh NET-JRF
- Rabidas Kisku NET-JRF
- Byomakesh Garai NET-JRF
- Sumanta Mondal NET & SET
- Piyali Mondal NET
- Ramesh Tudu NET
- Pratima Dhibar NET
- Kanai Tudu SET

Departmental Seminars

National Seminar / Workshop:

- 21.11.2022-30.11.2022, 10 days workshop on Prakrit Language, organized by the Department of Sanskrit, Pali & Prakrit, Visva-Bharati, Santiniketan.
- 12.12.2022-21.12.2022, 10 days Spoken Sanskrit Sivira, organized by the Department of Sanskrit, Pali & Prakrit, Visva-Bharati, Santiniketan.
- 27.3.2023, A National Seminar on 'The Veda and Buddhism' in collaboration with Centre for Buddhist Studies has been organized by the Department of Sanskrit, Pali and Prakrit, Visva-Bharati with leading speakers like Dr. Pratiba Manjari Rath, formerly Professor, Department of Sanskrit, Utkal University, Bhubaneswar and Dr. Paramba Shree Yogamaya, Associate Professor & Head, Department of Sanskrit, Sri Jagannath Sanskrit University, Puri.

Chapter-2

Special Lectures Organized :

- 21.12.2022. Dr. K. K. Jha from Mauritius has delivered a special lecture in the Department of Sanskrit, Pali & Prakrit, Visva-Bharati, Santiniketan, West Bengal, India on “The Cultural Connectivity between India and Mauritius”.
- 27.01.2023. Special lecture delivered by Dr. Shailendra Kumar, Assistant Professor, Bodh Gaya University, Bihar and Prof. Harish Chandra Mishra, Former Principal, Bhasha-Bhavana, Visva-Bharati have delivered talked on “The Position of Women in Indian Culture and Religion” organized by the Department of Sanskrit, Pali & Prakrit, Visva-Bharati, Santiniketan.

International & National Conferences /Seminars/Workshop/Exhibition etc. Details of chairing/evaluation/presentation made by Teachers/Research Scholars.

Jagat Ram Bhattacharyya

- 08.10.2022-17.10.2022. Taught Prakrit Language and Grammar in the 10-Days Prakrit Workshop Organized by the Akhil Bharatvarshiya Sadhumargi Shant kranti Jain Shravak Sangh, Bikaner.
- 06.01.2023-14.01.2023. Taught Prakrit language and Literature in the National workshop on Prakrit, Parshwanath Vidyapith, Varanasi.
- 06.03.2023. Delivered lecture on “Peace, the Inherent treasure of Jain Ethics” in UGC sponsored Short Term Course, Organized by the Department of Buddhist Studies, University of Calcutta (online mode), New Delhi and Shri S S Jain Sabhā, Shalimarbagh, Delhi.

Niranjan Jena

- 26.07.2022-27.07.2022. International Conference on “Mujma-ul Baharain of Dara Shikho : Harbinger of Pluralistic Approach Towards Religion and Spirituality”, presented paper on “Commonality of Hindu-Huslim Thought about the Concept of Man and Soul”, organized by Department of Persian & Central Asian Studies, Maulana Azad National Urdu University, Hyderabad.
- 10.10.2022-11.10.2022. International Conference on “Issues of Minority Education in Indian Subcontinent : Antiques, Prospect and Challenges”, presented a paper on “Minority Education and the Present Challenges in Indian Subcontinent” organized by Bengal Madrasah Education Forum, at EZCC, Salt Lake, Kolkata, West Bengal.

- 12.11.2022-13.11.2022. Chaired an Academic Session on occasion of All India National Conference, organized by Howrah Sanskrit Sahitya Samaj, Howrah.
- 09.11.2022-11.11.2022. Akhila Bharatiya Vaidika Samgosthi on “Influence of Vedic Culture on Indian Society” and presented a paper on “A Critical Analysis of the term ‘Paśu’ used in sacrifices” jointly by Sanskrit Sahitya Parishat, Kolkata & Maharshi Sandipani Sandipani Rashtriya Vedavidya Pratishthan, Ujjain.
- 27.03.2023. One day National Seminar The Veda and Buddhism, presented paper on “Vedic thoughts reflected in Buddhist literature” organized by Centre for Buddhist Studies, Visva-Bharati in Collaboration with Department of Sanskrit, Pali & Prakrit, Visva-Bharati, Santiniketan.

Pritilaxmi Swain

- 21.11.2022-30.11.2022. Participated 10 days Workshop on “Prakrit Language” on and from organized by Dept. of Sanskrit, Pali & Prakrit, Visva- Bharati, Santiniketan, West Bengal.
- 22.03.2023-23.03.2023. Presented a Paper entitled “tadhitesu matyarthiya pratyartha vimarsa, in the National Seminar (Online and Offline Mode) Organized by Central Sanskrit University, Bhopal Campus, Bhopal.

Bishnu Pada Pal

- 21.11.2022-30.11.2022. 10 days Workshop on Prakrit Language is organized by Department of Sanskrit, Pali & Prakrit, Visva-Bharati, Santiniketan.

Academic distinctions gained by Teachers / Scholars or the Department as a whole (Like recognition as D.S.A. or C.A.S etc.):

Niranjan Jena

- Head of the Department, Department of Sanskrit, Pali & Prakrit, Visva-Bharati, Santiniketan from 12.05.2020 and continuing ...
- Chairman in the Board of Studies, Department of Sanskrit, Pali & Prakrit, Visva-Bharati, Santiniketan.
- Member of Academic Council, Visva-Bharati, Santiniketan.
- External Member of BOS, Department of Sanskrit, Burdwan University.
- External Member of BOS, Department of Sanskrit, Calcutta University.

Chapter-2

- Member of Research Advisory Committee, Department of Arabic, Urdu and Islamic Studies, Visva-Bharati.
- Member of Research Advisory Committee, Department Indo-Tibetan Studies, Visva-Bharati.

Narottam Senapati

- Member of Board of Studies of West Bengal State University, RKMVERI & Raja N L Khan Women's College

Lalita Chakraborty

- Member of Board of Studies, Sanskrit College and University, Kolkata.
- Member of Board of Studies, Department of Pali, Calcutta University, Kolkata.
- Member of Research Board, Department of Sanskrit, Burdwan University, Burdwan.
- Member of Research Board, Department of Sanskrit, Raiganj University, Raiganj, Uttardinaipur.
- Member of RAC, Department of Sanskrit, Gour Banga University, Malda.

Publication:

Paper/Article/ Book-chapter :

Books

Sanjay Kumar Mondal

- Mondal, S. K. (2022). *Mahābhārata me vardan evam abhishapo ki tattvika samiksha*, Sanjay Kumar Mandal. Kolkata The Banaras Mercantile Co.. ISBN-978-93-92072-04-8.

Ram Pramol Kumar

- R.P.K. (2023). *Uttararamacarita ka natakiya vislesana*. New Delhi: Shivalik Prakashan: ISBN 978-93-91214-76-0 2023.

Chapters in Book

Arun Kumar Mandal

- Mandal, A. K. (2022). *Bānesvar Bidyāṅkār O Tatkālīn Bangasamā, Śārādīya Godhuli Sangīta*, Pages 52-60. Kolkata: Rumi Publication. Regd No-3832/J/Bir/87.

- Mandal, A. K. (2022). *Rabīndranāthkṛta Balākāvyer Nagendranāthkṛta Sanskrita Anuvād*, Godhuli Sangeeter Bāchāi probandha, Geetikantha Majumder.Kolkata: Anima Prakashani. pp- 92-109, ISBN-978-93-83129-93-3.

Lalita Chakaraborty

- Chakraborty, L. (2023). *Pratikulatar anya nām pratināyakatva*’. *Ebangamarā*. ISSN- 2394-4927. Kolkata. West Bengal.

Aruna Ranjan Mishra

- Mishra, A. R. (2022). “Vedic Science of Agriculture” in *Spectra of Indic Researches*, Ed. P.M. Rath et al.pp.56-65.New Delhi: Pratibha Prakashan. ISBN: 978-81-7702-490-6.
- Mishra, A. R. (2022). “Indian Tradition of Śabdaśakti: A Critical Note”, in *Indian Tradition of Śabdaśakti*,pp.46-67. New Delhi:Pratibha Prakashan, ISBN: 978-81-7702-499-9.
- Mishra, A. R. (2022). “Contribution of Late Professor Ujjwala Jha to Indology” in *Ujjwala-Śāstra-Vaibhavam*, pp. 3-11. New Delhi:Shivalik Prakashan. ISBN: 978-93-91214-44-9.
- Mishra, A. R. (2022). “Foreword”, *Anyathā*, ed. Subhrajit Sen, pp. xi-xxii.Kolkata: Sanskrit Pustak Bhandar. ISBN: 978-93-92622-43-4.

Harekrushna Mishra

- Mishra, H.K. (2022). ‘Social Concern Kautilya and Laws on Wage and Consumer Rights’, *Siasat, Journal of Religion, Social, Cultural and Political Sciences, Indonesia Vol.- 7*, International Research Journal Issue-3. ISSN-2721-7450.
- Mishra, H.K. (2022). ‘Laws on Economic Security: An Analytical Study of Some Ancient Indian Law’, *Siasat, Journal of Religion, Social, Cultural and Political Sciences, Indonesia Vol-7*, Issue-3, ISSN-2721-7450 International Research Journal, Co-author, Gunadhara Bhandari.

Gargi Bhattacharya

Chapter-2

- Bhattacharya, G. (2022). “Maxims in *AdvaitaVedānta*: Semantic Interpretation”. *Indian Tradition of Śabdaśakti*. ed. Aruna Ranjan Mishra. pp. 16 – 27. Delhi: Pratibha Prakashan. ISBN: 978-81-7702-499-9.
- Bhattacharya, G. (2022). “Hinduism and Buddhism in *Mṛcchakaṭikam*”. *Sūdraka’s Mṛcchakaṭikam: A Reader*. ed. Saptarshi Mallick. pp. 271-286. Bolpur: Birutjatio, ISBN: 978-93-91736-32-3.
- Bhattacharya, G. (2022). “*Samudra-saṅgama* or the Sanskrit Rendition of *Majma ‘-ul- Bahrian* by Dara Shukoh: Mingling of Sufism and Vedantic Hinduism in Early Modern India”. *Anvikṣā (Research Journal of the Department of Sanskrit, Jadavpur University)*, Vol. XLIV, Part-II. Kolkata: Jadavpur University, ISSN: 0587-1646.

Pritilaxmi Swain

- Swain, P. (2022). ‘Implementation of Vṛddhi Rules in Primary Suffixes of Aṣṭādhyāyī’, *KIRANAVALI: Journal of Sanskrit Research Foundation, Vol.XIV, BOOK-II*, ISSN: 0975-4067, UGC Care Listed, Group-I, Journal, Id=101002378.
- Swain, P. (2022). ‘Tingantaprakarane vikaranapratyayanam mahatvam’, *KHAGOLAH*, Vol. 7, ISSN: 2456-3420,
- Swain, P. (2022). *sriharinamartapaniniyavyakaranayohracsandhiprakaranasya tulanatmakamadhyanam*, *Kiranavali: Journal of Sanskrit Research Foundation*, Vol.XIV, BOOK-3-4, ISSN: 0975-4067,
- Swain, P. (2022). *The Examples of Halsandhi in Kāśikāvṛtti and Vaiyākaraṇasiddhāntakaumudī: A Comparative Study*, *TULSI PRAJNA*, Vol.195, ISSN: 0974-8857,
- Swain, P. (2022). ‘Nazrul’s thought on Women, Women Empowerment and Gender Equality’. In an edited book “*Kazi Nazrul Islam: unlocking the works and thought of the rebel poet*, *Redshine*, ISBN: 978-1-387-48451-5.

A Brief history on the development of the Bhavana /Sadana/Vibhaga concerned by the Department.

Rabindranath Tagore in his education system had introduced Sanskrit as compulsory subject in academic curriculum since the inception of Brahmacharya Vidyalaya at Santiniketan in 1901. In the formative period of Visva Bharati the root of

Sanskritic Studies was nourished by luminous scholars like Bidhusekher Sastri, Ksiti Mohan Sen, Sylvan Levi, Mquice Winternitz etc.

Vidya Bhavana came into being from 8th Poush, 1332 (in the last week of December 1925) with Pandit Bidhusekhar Sastri as its Principal. It offered various subjects including Sanskrit, Pali & Prakrit for various Degrees. Vidya Bhavana was considered more as a research institution with wide ramification. In 1972 when all the Bhavanas were restructured, Vidya Bhavana became a Faculty of Arts with 15 Departments including Sanskrit, Pali & Prakrit. The Department came under the newly framed Bhasha Bhavana in 2011.

The core teaching of Sanskrit, Pali & Prakrit was accorded the status of a separate and full-fledged Department in 1951 when Visva Bharati was christened as a Central University and an Institution of National Importance. It offers Under-Graduate, Post Graduate, Ph. D., Certificate, Diploma, Advanced Diploma, One Year Course for Foreign Students and Research Programmes etc. in Sanskrit, Pali & Prakrit. The Department introduced Semester system in B.A. (Honours) and M.A. level from 2011-12 session. The Department also introduced M.Phil course in 2014.

Other relevant information,

Awards Received (Felicitated and Honoured)

Niranjan Jena

- 25.12.2022. Felicitated and Honoured with “Sanskrita Shastra-nidhi” on occasion of Paurahitya Prashikshana, organized by Parampara Institute of Oriental Studies, Rampurhat, West Bengal.
- 24.02.2023. Felicitated and Honoured with “Vidyasagar Award” on occasion of the 44th Annual International Conference on Oriental Heritage organized by Indian Institute of Oriental Heritage, Govt. of India, Kolkata Branch at Rabindra Bhavana Auditorium, Dum Dum Road, Kolkata.

DEPARTMENT OF ODIA

Name of the students qualified in UGC NETJRF:

- Sipun Sahoo(UGC NET JRF)
- Tusar Ranjan Thanapati (UGC NET)
- Santosh Das(UGC NET)
- Kamal Lochan Das(UGC NET)
- Rajalaxmi Panda(UGC NET)
- Satya Narayan Ready(UGC NET)
- Bipad Kumar Barik(UGC NET)
- Gitarani Bisoyi(UGC NET)
- Simanchal Patra(UGC NET)
- Priyanka Polai(UGC NET)
- Sibani Bariha(UGC NET)

Departmental Seminar

- 29.07.2022. Atanu Sasmal
- 19.09.2022. Payal Mukherjee
- 28.11.2022. Abhiram Biswal
- 24.03.2023. Niranjana Jena

National and International standard Conference/ Seminars/workshop/ etc.:

Manoranjan Pradhan :

- 16.09.2022-17.09.2022. Delivered four talks as a Research Person at UGC, Human Resource Centre, Sambalpur University on the topic “Language, Literature and Culture and on endangered Odia Language”.
- 20.09.2022-21.09.2022. Inaugurated and Presided over the two days *National workshop* organized by Tamil Centre, Bhasha Bhavana, Visva-Bharati in the topic “Disseminating classical Tamil literature among Non-Tamils”.
- 31.10.2022- Delivered two talks on Odia Bhashara sampratika sthiti as a Research Person at UGC, Human Resource Centre, Utkal University, Bhubaneswar.

- 1.11.2022. Delivered four talks as a Research Person at UGC, Human Resource Centre, Utkal University on the topic “Odia culture in 19th century Odia Novel” on Presided over the *International Seminar* of Japanese Department, Visva-Bharati on the topic. Santiniketan-A Bridge between India and Japan and various aspects of Japan.
- 30.11.2022. Presided over the Inaugural Session of *National Seminar* organized by Department of Chinese, Visva-Bharati on the topic India -China Relation.
- 27.01.2023. *National seminar* on 'Odia Dictionary and Pandit Sridhara Das' organized by Odia Department, Utkal university, presented a paper entitled "Unabimsha shatakare rachita Odia o Bangala samabhasi avidhan".

Pramila Patulia :

- 23.03.2023-25.03.2023. *International Conference* on 'Pravasi Odia Sahitya' organized by Department of Odia Language and Literature, Central University of Odisha, Koraput, presented a paper on 'Paschima Bangare Pravasi Odiyanka Sanskriti Priti'.

Sarat Kumar Jena :

- 06.06.2022. *National Seminar* on “Benimadhaba Padhyanka Jeevana O Srujana” organized by Odisha Sahitya Akademi, Bhubaneswar, Presented a research paper named “Samalochaka Benimadhaba Padhy”.
- 19.08.2022-20.08.2022. *National Seminar* on “Contemporary Hindi-Odia Poetry and Gopalkrushna Rath” organized by JNU, New Delhi, Presented a research paper on ‘Pragatisila KabI Gopalkrushna Rath’
- 12.06.2022. *National Seminar* on “Ama Gaan Ama Sahitya Programme” organized by Odisha Sahitya Akademi, Bhubaneswar Presented A talk about “Buguda anchalara Sahitya O Sanskruti”.
- 08.12.2022. *National Seminar* on “Odia Sahityare Dalita chetana” at GM University, Sambalpur Presented a research paper named “Odia Sahityare Dalita chetana”
- 17.03.2023. *International Conference* on “Thinking and Feeling in a Language: Narratives from Foreign Languages, Cultures and Societies through Cross-Cultural Perspectives” organized by Department of Foreign Languages, Tezpur University,

Chapter-2

Assam Presented a research paper named “Perspectives from Odia literature: Life and Emotions of Odia People in Rangoon in the early 20thCentury ”.

- 23.03.2023-25.03.2023.*International Conference* on 'Pravasi Odia Sahitya' organized by Department of Odia Language and Literature, Central University of Odisha, Koraput, presented a paper on “Pravasi Conciseness in early 20thCentury Odia Literature: Rangoon perspective”.

Indramani Sahoo.

- 01.03.2023- *National Seminar* on Mahima Dharma and Bhima Bhoi in our times: Texts and Contexts, Organized by Bhima Bhoi Research Centre, Gangadhar Meher University, Sambalpur Presented a paper entitled 'Bhabasindhu O Bhabasindhu ra mahimna abagahee : Bhima Bhoi'.

Academic distinctions gained by teachers/Scholars:

- 2020-23.Sarata Kumar Jena, Member of Odisha Sahitya Akademi, Bhubaneswar.

Publications

(I)Text Books:

- Jena, Sarat kumar (Ed.), (2022), *Bhramana Ekabinshati* (Ed). Bhubaneswar: Gayatri Publisher.
- Jena, Sarat kumar, (2023), *Nari O Naribada Prasanga*. Bhubaneswar: Pakshighara Prakasani, ISBN-978-81-938885-3-5.
- Jena, Sarat kumar (Ed.), (2023), *Bimugdha Galpa Bimarsha*. Bhubaneswar: Athena Books, ISBN-978-93-95597-35-7.
- Jena, Sarat kumar (Ed.), (2023), *Arabinda Ray: Kathabibhaba* (Ed). Cuttack: Friends Publishers, ISSN: 978-93-92898-35-8.
- Jena, Sarat kumar (Ed.), (2023), *Debasish Panigrahi: Kathabiswa* (Ed). Bhubaneswar: Pakshighara, ISSN: 978-81938885-3-3.
- Jena, Sarat kumar (Ed.), (2023), *Ajoy Mohapatra : Sarjana Samikshya* (Ed). Bhubaneswar: Pakshighara, ISSN: 13 978-81938885-3-6.

(II) Article in Reference Books :

- Jena, S.K. (2022), 'Sarala hrudayara tarala kahani: Mela ra Marmabani', *Krantira Kumbhakar*(Ed-Jnanee Debasish Mishra &...). Bhubaneswar, Pen in Books, 2022, ISSN- 978-9391388-17-1.

(IV) Research Papers:

- Patulia, Pramila.(2022, September), 'Bibidhatore Bihala Fakirmohan Senapatinka Manabikata Dharmi Kavita' *Jhankar*, Cuttack, Vol No- 74, Issue No. 6,
- Jena, S.K.(2022, October), Mahattar Chetanara Nabadiganta: Sesha Basantara Chithi, *Konark*, Odisha Sahitya akademi.
- Jena, S.K.(2022, June,27), The style of Contemporary Odia Drama- *Theatre Street Journal*, Volume-6, Number-1, Peer Reviewed Journal, ISSN 2456-754X, pp. 172-185
- Jena, S.K.(2022, April), Sanskrutira starabheda o Loka Sanskruti, *Prachi*, ISSN- 2583-147X, Vol-8, Issue No-1, Peer Reviewed and Refereed Research Journal.
- Jena, S.K.(2022, October), Naribadara Atita Bartamana O Bhabisyat, *Pakshighara*,
- Jena, S.K.(2022, October), Aupanyasika Umesh Charana Padhy, *Shibani*.
- Jena, S.K.(2022, October), Adibasi Chitra O Soshanara Kshetra: Swadhinata parabarty Odia Galpara Bhababaichitrya, *Baijayanti*.
- Jena, S.K.(2022, October), Kabitara Paribhasha: Ananta Anwasha, *Kabyaloka*, ISSN- 2349-016.

A brief history on the development of Vibhaga and indication of the future plan:

The Department of Odia, Visva-Bharati, was conceived in 1947 and was established as a regular Post-Graduate Department in 1951. This Department is the only Post-Graduate Department and learning centre of Odia Language and Literature in the country outside Odisha. It imparts teaching programmes both in Under-Graduate, Post-graduate, M.Phil & Ph.D. level. Besides it also offers Certificate and Diploma courses. Since its inception, the Department has been maintaining a high standard in research and teaching activities.

DEPARTMENT OF ARABIC, PERSIAN, URDU & ISLAMIC STUDIES

National and International standard Conference / Seminar / Workshop / Exhibition etc. Details of chairing / evaluation / presentation made by Teachers / Research Scholars:

Atiqur Rahman

- 30.07.2022-31.07.2022. Presented a paper entitled “Contributions of Sikhs to the promotion of Persian Studies with special reference to Maharaja Ranjit Singh” in the International Seminar on “The Contributions of Sikhs to the Promotion of Persian Studies” organized by Iran Society, Kolkata.
- 30-01-2023-31-01-2023. Participated in online Workshop, entitled: “Workshop on New Education Policy 2020 Implementation” organized by UGC-HRDC, AMU, Aligarh, U.P. in collaboration with AMU Centre Mallapuram.

Publications:

Atiqur Rahman

- Rahman, Atiqur (2022). “Influence of Persian on Bengali Language and Literature”. *Dabeer*, Lucknow, Dabeer Hasan memorial Library Kakori, Vol. IX, Issue: III-IV, S. No. 23, pp. 168-179.
- Rahman, Atiqur (2022). “Gulistan-e-Saadi Farsi ki Ek Aham Nasri Tasneef”. *Urdu Duniya*, New Delhi, National Council for Promotion of Urdu Language, Ministry of Education, Department of Higher Education, Government of India, Vol. 24, Issue: 10, pp. 66-67.
- Rahman, Atiqur (2022). “Mosharraf Alam Zauqi Bahaiyyat Novel Nigar”. *Faizan-e-Adab*, Mau, Idara-e-Tehqiqat-e-Urdu and Farsi, Vol. VII, Issue-II, pp. 124-129.

Abdulla Molla

- Molla, Abdulla (2022). “Mustafa Lutfi Al-Manfaluti’s Short Stories: A Critical Assessment”. *International Journal of Research and Analytical Reviews (IJRAR)*

(An International Open Access Peer Reviewed, Refereed Journal), Vol. 9, Issue- 2, pp. 443-445, Impact Factor : 7.17,doi: <http://doi.org/10.1729/Journal.29943>.

- Molla, Abdulla (2022). “Abdur Rahman Mubarakpuri and His Contribution to Hadith Literature”. *International Journal of Research and Analytical Reviews* (IJRAR) (An International Open Access Peer Reviewed, Refereed Journal), Vol. 9, Issue- 4, pp. 693-696, Impact Factor: 7.17.
- Molla, Abdulla (2023). “Allamah Anwar Shah Kashmiri’s Brief Life Sketch and Works: An Analytical Study”. *International Journal of Research and Analytical Reviews* (IJRAR) (An International Open Access Peer Reviewed, Refereed Journal), Vol. 10, Issue- 1, pp. 56-58, Impact Factor : 7.17.

DEPARTMENT OF INDO-TIBETAN STUDIES

Ongoing Research Projects in the Department

Translation Project

- Translation of Buddhist texts from Tibetan to Hindi brought to India by Rahul Sankritayan from Tibet run by Central Institute Higher Tibetan Studies, Sarnath. [In progress]
- Completed a Minor Translation Project from Tibetan to Bengali and English sponsored by FPMT, USA and also published the same.
- Completed a Minor Translation Project from Tibetan to English sponsored by 84000 Translation Committee, USA. Submitted and has also been accepted.

Extension activities/NSS/Cultural and other activities organized by the Department and participated by the Teachers and students of the Department.

- 21.02.2023. Students of the Department of Indo-Tibetan Studies performed the Tibetan Poetry (Title: *Prestige of Mother Land* composed by Dr. Shedup Tenzin) recitation on the occasion of International Mother Language Day at Ramkinkar Mancha, Bharattirtha, Visva-Bharati, Santiniketan. (Jointly organized by the Indira Gandhi Centre, Bangladesh Bhavana and Karmiparishad of Visva-Bharati).

Academic distinctions gained by Teachers/Scholars or the Department as a whole (Like recognition as Department of special Assistance (D.S.A.) or Centre for Advanced Studies (C.A.S.) etc.)

Sanjib Kumar Das:

- Invited as a Resource Person in the UGC-sponsored Online Refresher Course organized by the Centre for Buddhist Studies, Department of Philosophy, Jadavpur University and delivered a lecture on “Contribution of Tibetan Scholars in the Study of Buddhist Logic and Epistemology.”
- Nominated as a referee by the Asiatic Society, Kolkata for reviewing the Final Report entitled “A Historical Chronology of Indian Kings based on *dpag bsam ljon bzang*”.
- Acted as a reviewer of the contents of Boudha Darshan Course launched by NIOS (National Institute of Open Schooling).

Shedup Tenzin

- 23.02.2023 to 28.02.2023. Invited by National Testing Agency (NTA) as one of the Item Writer for Tibetan Language for UG-CUET

Publication:

Sanjib Kumar Das:

Translated & edited Books

- Das, Sanjib Kumar (2022). *The Seven Successors of the Buddha and the Sixteen Mahasthaviras* (Bengali and English), Tathagata Press: Kolkata, ISBN: 9789391867553.
- Das, Sanjib Kumar (2022). *Siddhanta-Ratnavali* (Hindi), Buddhist World Press: Delhi, ISBN: 9789391867782.
- Das, Sanjib Kumar (2022). *Prajnaparamitahrdayasutra* (Sanskrit, Tibetan, Hindi, Bengali and English), Tathagata Press: Kolkata, ISBN: 9789391867546.
- Das, Sanjib Kumar (2023). *Buddha evam Pratityasamutpada* (Bengali), Tathagata Press, ISBN: 978-93-91867-90-4.

Article:

- “An Outlook of Non-Violence in Buddhism”, *Dharmadoot*, Sarnath: Mahabodhi Society of India, November 2022, ISSN- 2347-3428 (UGC Care Journal).
- “Bauddha Sahitye Maen Panca Mahavidya”, *Visva-Bharati Patrika*, 2022. Visva-Bharati. ISSN: 2348-4977.
- “Bauddha Dristikona Maen Purvajana evam Aparajana”, *Bodhi-Path*, 2022. Vol. 22, ISSN 2347-8004.

Chapter in Book:

- Das, Sanjib Kumar. Pathak, Suniti Kumar (2022). *Translation of Buddhist Sanskrit Texts: Origin and Significance*, Prof. Joyeeta Ganguly Commemoration Volume, ISBN: 978-81-952533-0-2
- Das, Sanjib Kumar. (Ed.) Kumar Bimalendra & Kumar, Ujjwal (2022). *Subtle-Increasers (Anusaya), the Root of Existence: An Abhidharmakośakārikā View*, Dhamma-Anusilana, ISBN: 978-81-246-1116-6
- Das, Sanjib Kumar (Ed.) Prof. Jampa Samten, Dr. Lobsang Dorjee, Dr. Ngawang Tenphel & Dr. Dawa Sherpa (2022). “Buddha Ka Manav Dharma”, 2nd

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International Conference of CIHTS Alumni on Tibetan & Himalayan Studies,
ISBN: 978-1-948203-18-0

Shedup Tenzin

Chapter in Book:

- “Bod rig pa'i mkhas dbang mahā paṇḍita rāhula sāmkrityāyāna (1893-1963) rjes su dran pa” 2nd *International Conference of CIHTS Alumni on Tibetan & Himalayan Studies*, 2022, Central Institute of Higher Tibetan Studies: Sarnath, ISBN: 978-1-948203-18-0.

Articles in Journal:

- “Avalokitesvara in Tibetan and Vietnamese Buddhist Traditions: An Overview”, *International Journal of Creative Research Thoughts (IJCRT)*. An International Open Access, Peer-Reviewed, Refereed Journal, 2022, ISSN No. 2320-2882.
- “A Comparative Studies of Sixteen Pure Ethics of Human (Mi chos gtsang ma bcu drug), an Ancient Tibetan Law”, *International Journal of Creative Research Thoughts*. An International Open Access, Peer-Reviewed, Refereed Journal, 2022, ISSN No. 2320-2882.
- “Overview on the Narratives of Gyasa Balsa with reference to Tibetan Theatrical Play”, *International Journal of Creative Research Thoughts*. An International Open Access, Peer-Reviewed, Refereed Journal, 2022, ISSN No. 2320-2882.
- “Overview of Suhrllekha and the Translation of Sakya Pandita’s Outline of Suhrllekha”, *International Journal of Creative Research Thoughts*. An International Open Access, Peer-Reviewed, Refereed Journal, 2022, Issue 2, ISSN No. 2320-2882.
- “Ache Lhamo, the Socio-Religious Opera of Tibet and the Narrative of Prince Drimey Kunden”, *International Journal of Creative Research Thoughts*. An International Open Access, Peer-Reviewed, Refereed Journal, 2022, ISSN No. 2320-2882.
- “Buddhist Logical Studies in Sakyapa School of Tibetan Buddhism”, *Journal Emerging Technologies and Innovative Research*, 2022, ISSN No. 2349-5162.
- “Dissemination of Buddhist Logical Studies in Sangphu Neuthog Monastery (Estb. 1073) of Tibetan Buddhist School”, *International Journal of Creative Research Thoughts*, Vol. 10, 2022, ISSN No. 2320-2882.

- “The Introduction of Indo-Tibetan Studies during the Later spread of Buddhism in Tibet”, *International Journal of Creative Research Thoughts*, 2022, ISSN No. 2320-2882.
- “The Introduction of Indo-Tibetan Studies during the Early Spread of Buddhism in Tibet”, *International Journal of Creative Research Thoughts*, 2022, ISSN No. 2320-2882.

Prakriti Chakraborty

Articles:

- “Tsongkhapa: The Reformer of Tibetan Buddhism”, *Dharmadoot*, Nov. 2022, Mahabodhi Society of India, Anagarika Dharmapala International Institute of Pali & Buddhist Studies, Sarnath, Varanasi, UGC Care Journal Vol. 88, ISSN: 2347-3428.
- “The Seventeen Indian Buddhist Masters of Mahayana Buddhism”, *Nalanda*, 2022, Buddhism and Indian Cultural Journal, ISSN: 2320-7264.

Manotosh Mandal

Articles:

- “Comparative Studies of Yoga with Reference to Bhagavat Gita and Buddhist Concept”, *International Journal of Creative Research Thoughts (IJCRT)*, September-2022.
- “The Intellectual as Interpreted in the Indian Buddhist Logical Literature”, *International Journal of Creative Research Thoughts (IJCRT)* August-2022
- “The Maha Bodhi Society of India a Unique Treasury of Buddhist Materials on the Life of Buddha”, *International Journal of Creative Research Thoughts (IJCRT)*, August-2022.
- “The Concept of Valid Cognition According to Buddhist Logic”, *International Journal of Creative Research Thoughts (IJCRT)*, August-2022.
- “Critical Reflection on Naiyayika's Objection to the Buddhist View Point of Valid Cognition”, *International Journal of Creative Research Thoughts (IJCRT)*, August-2022.
- “An Overview of the Accounts of Buddha’s Disciples and their Successors”, *International Journal of Creative Research Thoughts (IJCRT)*, August-2022.

DEPARTMENT OF SANTALI

National and International standard Conference / Seminar / Workshop / Exhibition etc. Details of chairing / evaluation / presentation made by Teachers / Research Scholars:

Dhaneshwar Manjhi

- 14.4.2022. Chaired a Discussion Session lecture on “Santali Language, Literature Culture and Education” in the National Conference on “Santali Sahitya Seneled “organized Juwan Onoliya, JSR. & in Pranavanada Vidya Mandir, Pathra Raniswar Block, Dumka, Jh.
- 16.05.2022. Delivered a lecture on “Pandit Raghunath Murmu” in the National Conference on “Pandit Raghunath Murmu” organized by Pritikona Jena and Co. Santiniketan, W.B.
- 10.05.2022. Delivered a lecture on “Chiki ar parsi pasnao re guru gomkeyag gayan ko reyak enem” in the National Seminar on “Raghunath Murmu ag sirjan re ka.ri: Jug khon jug japag” organized by Mankar College Mankar.W.B.
- 16.05.2022. Delivered a lecture on “Pt.R.N. Murmu dorson” in the National Seminar on “Pt.R.N. Murmu-Birthday celebration 75th Azadi ka Amrit Mahotsav” organized by V.U. Midnapore, WB.
- 22.05.2022. Delivered a lecture on “Santali Hor Saohet re Dong Sereng” in the National Seminar on “Santals, Dong Songs and Their Literary Significance and Kavi Sandhi” organized by Sahitya Akademi in collaboration with AISWA, West Bengal Branch literary Forum.
- 10.06.2022. Delivered a lecture on “Santali Education and Culture” in the International Symposium on “Santali Education and Culture of World” organized by Santali Rilomala Akhara, Suruga Bazar (Jhapa) and Ratuwamai Municipality, Ward No-09(Morang), Nepal.
- 10.06.2022. Delivered a lecture on “Poetry Presentation” in the National level Literary Festival” on 1st Parichaya Literary Festival” organized by The Parihaya Foundation.
- 08.01.2023. Delivered a lecture on “Sohrai” in the National level Sohrai Festival on “Disom Soharai” organized by Sido kanhu Tadi, Pahargoda, Kundahit, Jamtara, Jh.

- 08.01.2023. Delivered a lecture on “Sohrai-Ancient and Modern” in the International Seminar on “Traditional and Hereditary Santal Sohrai Festival” organized by Santiniketan Pushbonga Mela-2023 at Santiniketan Medical College and Hospital, Bolpur, WB, India.
- 11.02.2023: Delivered a lecture on “Importance of Santal Social, cultural Geography for the Development of Santal” in the Two-day International Seminar on “Importance of Santali Language, Script, Culture & Literature for Development of Santhal Community” organized by Santhal Indigenous Upliftment Association of Nepal Co organized by Rilomala Santhali Aakhada, Nepal in collaboration with Kankai Multiple Campos Kankai Municipality, Suruga, Jhapa at Kankai Multiple Campus, suruga, Jhapa, Nepal.

Ramu Hembrom

- 11.02.2023. Delivered a lecture on “Importance of Santal Social, cultural for the Development of Santal” in the Two-day International Seminar on “Importance of Santali Language, Script, Culture & Literature for Development of Santhal Community” organized by Santhal Indigenous Upliftment Association of Nepal Co organized by Rilomala Santhali Aakhada, Nepal in collaboration with Kankai Multiple Campos Kankai Municipality, Suruga, Jhapa at Kankai Multiple Campus, suruga, Jhapa, Nepal.

Extension activities/NSS/Cultural and other activities organized by the Department and participated by the Teachers and students of the Department.

- 1.02.2023: Participated the Cultural activities of Department of Santali Staff & Students for the International Mother Language Day at Ramkinkar Mancha, Bharata Tirtha, Visva-Bhatati, Santiniketan.

Academic distinctions gained by Teachers/Scholars or the Department as a whole (Like recognition as Department of Special Assistance (D.S.A.) or Centre for Advanced Studies (C.A.S.) etc.):

- 17.06.2022: Participated in the online workshop on ‘Digital Governance in the contest of National Education Policy-2022 at Sambalpur University, Sambalpur, Odisha.

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Publications:

- Manjhi, D., (2022, June). ‘Santal Saonta Saohed re go ko’. *Khoda*, 69-73
- Murmu, D., (2022, August). ‘Birko banchao re abowag godo sopohot’. *Disom Godet*, year-3, Issue-4, 12-14.
- Murmu, M., (2022, December). ‘Sohrai’. *Umul*, Vol- 20, 4.
- Murmu, M., (2022, June). ‘Arjawin’. *Umul*, Vol- 20, 1-2.
- Murmu, M., (2023, March). ‘Kumba Japid’. *Asha*, 14-16

DEPARTMENT OF JAPANESE (NIPPON BHAVANA)

Name of the students qualified in UGC/CSIR/NET/SLET and GATE Examinations:

1. Ms. Ritika Bhakat (UGC NET with JRF Nov 2022)
2. Ms. Padma Baski (UGC NET with JRF Nov 2022)

Departmental Seminar (Speakers, Title of the Seminar, Date):

- 14-15,11.2022. Organized an International Conference on *Santiniketan- A Bridge Between India and Japan and Various Aspects of Japan*, held on the occasion of the in collaboration with the Japan Foundation.
- 05.01.2023. Organized a talk on “Seasons and flowers of Japan” by Mr. Naoki Nishioka, a renowned scholar of flora of Bengal.
- 14.02.2023. Organized a talk on “Nandalal Bose, Abanindranath and Rabindranath Tagore” by Prof. Masayuki Ōnishi, Visiting Professor of Doshisha University, Kyoto, Japan.
- 25.03.2023. Organized a talk on “*Tepantarar Math* and Miyazawa Kenji” by Prof. Suzuki Keiji, Tokyo Bunkyo University, Tokyo, Japan.

National and International standard Conference /Seminar /Workshop / Exhibition etc.:

Participation in Conference/Seminar

Gita A. Keeni

- 20-22.09.2022. Presented a paper on “Santiniketan as a stage of Indo-Japan Cultural and Intellectual exchanges” in the Three-day International conference, *India-Japan @ 70: Introspection, Insights and Initiative* held in virtual mode organized by Centre for East Asian Studies, Japanese Division, Jawaharlal Nehru University, New Delhi, on the occasion of the 70th important landmark in Indo-Japan relationship, 2022.

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- 25.11.2022. Delivered a plenary address as part of the *Two-day International Virtual Conference*, organized by the Department of Foreign Languages Studies, Central University of Karnataka, Kalaburagi, Karnataka.
- 20.12.2022. Delivered a lecture titled “Interdisciplinarity and Japanology” as a part of Monthly Lecture Series *Carcā: Exercise in Comparativisms*, organized by the Centre for Comparative Literature, Bhasha-Bhavana, Visva-Bharati.
- 07-08.02.2023. Chaired an Academic Session at the International Seminar on *Calibrating Regional Footprint and Exploring new Dimensions of Japanese Studies in India and South Asia* インド・南アジアにおける日本研究：地域的フォットプリントと新たな次元の追球, organized by the Centre for Japanese Studies, School of Language, Literature and Culture Studies, Jawaharlal Nehru University in collaboration with the Japan Foundation at New Delhi.

Arpita Paul

- 1-2.12.2022. Delivered an invited lecture in the National Conference entitled “India-China Relations and the Way Forward,” organized by Cheena Bhavana, Visva-Bharati. Title of presentation: “Philosophical Light of Wang Yangming in Meiji Japan.”
- 14-15. 11.2022. Delivered an Invited lecture in the 2nd International Conference entitled “Santiniketan- A Bridge Between India and Japan and Various Aspects of Japan” organized by the Department of Japanese, Visva-Bharati in collaboration with the Japan Foundation, New Delhi. Title of presentation “Reading Ontological Ethics of Kitamura Tōkoku: In the Light of Yōmeigaku”.
- 21.01.2023. Convened and Chaired a Lecture entitled “Okinawa Status Issue from the Okinawan Perspective 1945- 1951” in M.S. Visvesvaraya-Okakura Tenshin Lecture Series organized on JSI (Japanese Studies India) online platform <https://japanesestudiesindia.home.blog>, in collaboration with Japan Foundation, New Delhi.
- 11.02.2023. Convened and Chaired a Lecture titled “*Katayama Sen: The Transnational Life of a Japanese Communist*” in M.S. Visvesvaraya-Okakura Tenshin Lecture Series organized on JSI (Japanese Studies India) online platform <https://japanesestudiesindia.home.blog>, in collaboration with Japan Foundation, New Delhi.

Prosenjit Chakraborty (Guest-Teacher)

- 14-15.11.2022. Attended and presented a paper on “Challenges in the translation of Ecological Terms: A case study of Yodaka no Hoshi by Kenji Miyazawa” in the International Conference on *Santiniketan- A Bridge Between India and Japan and Various Aspects of Japan*, in collaboration with the Japan Foundation, Japan.

Debapriyo Das(Research scholar)

- 14-15.11.2022. Attended and presented a paper on “Cultural Elements of Japan as reflected in Nankichi Niimi’s “Kitsune no Tsukai” in the International Conference on *Santiniketan- A Bridge Between India and Japan and Various Aspects of Japan*, in collaboration with the Japan Foundation, Japan.

Ms. Ritika Bhakat (Research scholar)

- 14-15.11.2022. Attended and presented a paper on “Women’s employment status in Japan” in the International Conference on *Santiniketan- A Bridge Between India and Japan and Various Aspects of Japan*, in collaboration with the Japan Foundation, Japan.

Sk. Ajahar (Research scholar)

- 14-15.11.2022. Attended and presented a paper on “Major Trends and Issues of Distance Education in Japan’s Higher Education” in the International Conference on *Santiniketan- A Bridge Between India and Japan and Various Aspects of Japan*, in collaboration with the Japan Foundation, Japan.

Nilanjan Bandyopadhyay (Research scholar)

- 14-15.11.2022: Attended and presented a paper on “The Idea of Wabi-Sabi: A Visual Journey” in the International Conference on *Santiniketan- A Bridge Between India and Japan and Various Aspects of Japan*, in collaboration with the Japan Foundation, Japan.

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Participation in Workshop

Arpita Paul

- 06.09.2022. Participated in the Workshop on the occasion of “Shikshak Parv” on 5-9 September, 2022 on the topic “NEP 2020 and Technology: Changing Role of Teachers” organized by HRDC, JNU.

Sk. Ajahar (Research scholar)

- 06.12.2022-21.02.2023: Participated in international workshop titled “4th Collaborative Research Workshop for Aspiring Japanese Scholars” organized by The Japan Foundation, Japan.

Extension activities/NSS/Cultural and other activities organized by the Department and participated by the Teachers and students of the Department.

- 20-22.02.2023. Cultural Exchange Programme with Chikushi Jogakuen University, Kyushu, Japan.
- 18.01.2023: A documentary screening [その道: 2018年パルバティバウル日本の旅 “The Path: Parvathy Baul in Japan 2018”], by Director & Producer Ms. Sakurako Abe, Tokyo, Japan.
- 27.03.2023. Origami workshop titled “トビウオの森 (*Tobiuo no Mori*)” was organized in collaboration with the theater company KAZE, the Tokyo Theater Company, Agency for Cultural Affairs, Japan for the students of Preparatory course. It is a national project in Japan, which is implemented by Tokyo Theater Company KAZE in co-ordination with Agency for Cultural Affairs Strategic Arts and Culture Creation Promotion Project, Government of Japan. The Theater Company KAZE has been carrying out this project for several years under the name of "Regional Revitalization Project by Performing Arts".

Academic distinctions gained by Teachers/ Scholars or the Department as a whole (Like recognition as D.S.A. or C.A.S. etc.)

- Dr. Sudipta Das, Assistant Professor in Japanese received the JSPS (Japan society for the promotion of science) Post-doctoral Fellowship for conducting research work in Japan at the Tokyo University of Foreign Studies, Tokyo, Japan, for a period of two years with effect from August 2022.

Publications:

Books:

- Azim, Md. A. (2022). "List of Japan-Related Articles, Illustrations published in “The Modern Review”, *Insight: An International Multilingual Journal of Arts and Humanities*, pp. 323-326, ISSN: 2582-8002.
- Azim, Md. A. & Sk. A. (2022). "Higher Education in India and Japan: A Comparative Study". *IJFMR-International Journal for Multidisciplinary Research*, E-ISSN: 2582-2160.
- Azim, Md. A. & Das, D. (2022). 'Nankichi Nimi and his contribution to Japanese Children's Literature', *International Journal of Creative Research Thoughts*, E-ISSN - 2320-2882.
- Azim, Md. A. & Bhakat, R. (2022). 'Education and Empowerment of Women: A Comparative Study of India and Japan', *IJRAR - International Journal of Research and Analytical Reviews*, 284-289. E-ISSN 2348-1269.

Arpita Paul

- “*When the Subaltern Spoke: Nangeli’s Fight Against Oppressive ‘Breast Tax’*,” (<https://ageofrevolutions.com/2022/10/24/when-the-subaltern-spoke-nangelis-fight-against-oppressive-breast-tax/>) published in *Age of Revolutions*, Open Access International Peer-reviewed academic journal, base USA, October 24, 2022 ISSN 2770-8322 (<https://ageofrevolutions.com/author/ageofrevolutions/>)
- 「明治期の精神革命におけるキリスト教と陽明学」、学芸大学国語国文学会第55号、351-358頁、3月15日2023年 Online ISSN : 2433-7617, Print ISSN : 0387-9135.

Other relevant information, which in the opinion of the Head of the Department is worth-reporting, should be included.

Japanese Language Proficiency Test July 2022:

- 03.07.2022. The Japanese Language Proficiency Test (JLPT) was successfully conducted in collaboration with the Japan Foundation, Japan and with the kind support of the Consulate General of Japan in Kolkata. The Department is organizing the Test since 2015 which was suspended for some time due to the

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COVID 19 pandemic. 388 examinees from West Bengal and neighboring states applied and took the test.

Selection Test for the Japanese Government MEXT Scholarship 2023

- 19.02.2023. Selection Test for the Japanese Government MEXT Scholarship 2023 was held with kind cooperation of the Consulate General of Japan in Kolkata.

Student's achievement:

Research Scholar

- Sri. Sudip Singha, awarded Ph.D. degree in Japanese in August 2022.

The 34th Eastern India Japanese Language Speech Contest organized by IJWA and held on 25.02.2023.

- | | | |
|---|--------|--------|
| • Sayantani Das (BA 2 nd year) | Junior | Third |
| • Satasikha Maity (MA 1 st year) | Senior | First |
| • Susmita Das (MA 1 st year) | Senior | Second |

JALTAI (Japanese Language Teacher's Association of India) Essay Contest 2022

- Ms. Arranya Bag (MA 1st year) 3rd prize

JENESYS (Japan-East Asia Network of Exchange for Students and Youths) 2022-23

- **The programme is** organized by the Government of Japan (GOJ) to promote a people-to-people exchange between Japan and ASEAN member states, and between Japan and other countries in the regions of the Asia-Pacific. 24.01.2023 - 02.02.2023

Ms. Susmita Pal (BA 3rd year)

Mr. Barun Saha (BA 3rd year)

DEPARTMENT OF CHINESE LANGUAGE & CULTURE

Name of the students qualified in UGC/CSIR/NET/SLET and GATE Examinations

- Suprodip Das – NET & JRF

Scholarship/ Achievements:

- In 2022, five (05) students were nominated for Chinese Government Scholarship to pursue studies in China.
- Eighteen (18) students got job in various transnational companies through on campus and off campus selection process.

Departmental Seminar (Speakers, Title of the Seminar, Date)

- 20.10.2022. A webinar was organized by Cheena Bhavana. Speaker- Dr Javin Jacob, Associate Prof. of Department of International Relations and Governance Studies of Shiv Nadar University. Topic of Presentation- “What Does China Want? Foreign Policy at the CPC’s 20th Party Congress”.
- 1-12.2022-2.12.2022. Cheena Bhavana organized a Two day National Seminar where scholars from different universities from all over the country presented their papers. . Theme- “India China Relations and the Way Forward”.
- 1.02.2023. A talk was organized by Cheena Bhavana. Speaker- Prof. Projit Kumar Palit, Professor & Director, Center for Indological Studies, Department of History, Assam University, Silchar. Topic of Presentation- “Indigenous Knowledge system and Indian Culture: A Linkage with wisdom of Ancient India”.
- 1.02.2023. A talk was organized by Cheena Bhavana. Speaker-Dr. Albert Tang Wei Min, Associate professor, Department of Communication Arts, Fu Jen Catholic University, Taiwan & Vice President, South Asian Studies Association of Taiwan. Topic of Presentation- “Chinese Spaces in Kolkata”.
- 27.02.2023. A talk was organized by Cheena Bhavana. Speaker- Smt Tandrima Pattrea- Associate Professor, Cheena Bhavana, Visva-Bharati. Topic of Presentation- ‘An Ancient Traditional Custom of Chinese Women and Tagore’s Views on Foot Binding’.

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National and International standard onference/Seminar/Workshop/Exhibition etc. attended by Teachers/Research Scholars in details.

Avijit Banerjee

- 27.05.2022. Delivered a lecture in the online mode at the invitation of the International Institute of Chinese Studies, Beijing Foreign Studies University, China. Title of Presentation: "Dialogue between Chinese and Indian Civilizations: from Common Culture to Common Development"
- 21.06.2022. Delivered a lecture in the online mode on the occasion of the International Yoga Day in the "Parallel Forum 3: Yoga and Promotion of China's Public Health Movement" organized by Yunnan Minzu University, Kunming, China.
- 23.06.2022. Delivered a lecture in the online mode organized by Lanzhou University India Study Centre, Lanzhou, China. Title of Presentation: "Study of Sinology in India and the Development of Chinese Teaching".
- 25.7.2022. Delivered a lecture in the online mode at China- India Youth Leadership Dialogue organized by China International Communications Group, Beijing, China. Title of Presentation: "Rebuilding India- China relations through people-to-people interactions".
- 14.09.2022. Delivered a talk in the online mode in the session 1 of "2022 BRICS Think Tank Roundtable" organized by China Center for International Economic Exchanges, Beijing, China. Title of Presentation: The Role of BRICS in promoting global sustainable development.
- 19.09.2022. Presented a paper in the monthly lecture series called "Carca: Exercise on Comparativism", organized by Centre for Comparative Literature, Bhasha Bhavana, Visva- Bharati, Title of Presentation: "Interdisciplinarity in Chinese Studies".
- 24.09.2022. Delivered a talk in the online mode in the International Forum on Common Values of Humanity in Traditional Chinese Culture, co-hosted by Sichuan University "Innovation 2035" Pilot Program-Mutual Learning among Civilizations and Global Governance Research Project, the Chinese Multi-ethnic Cultural Cohesion and Global Communication Collaborative Innovation Center, and China Center for South Asian Studies, Sichuan University, China. Title of Presentation:

“Looking back at the history and prospect for India China educational cooperation: India China language study as the foundation.

- 14.11.2022. Delivered a lecture in the online mode in the Refresher Course under the broad theme “Development of Buddhism in India and Abroad” organized by Center for Buddhist Studies, Department of Philosophy, Jadavpur University. Title of Presentation: “Buddhism in China”.
- 18.11.2022. Chaired a Session in the virtual mode in the “Thematic Panel II: Northeast India & China: Cultural & Educational Interfaces” in the 15th All India Conference on China Studies (AICCS) organized by The Institute of Chinese Studies (ICS), New Delhi, Indian Institute of Technology Guwahati, Gauhati University, Omeo Kumar Das Institute of Social Change and Development, Guwahati and the Konrad-Adenauer-Stiftung, India Office.
- 16.12.2022. Delivered a lecture in the online mode in the conference on “Chinese Language Education in India and Sino-Indian Language Exchange and Cooperation in the post-COVID-19 Era”.organized by Center for Language Education and Cooperation, Ministry of Education and Shenzhen University, China. Title of Presentation: New situation and Challenges that the Chinese Teaching is facing in India under the background of Covid-19- Taking Cheena Bhavana of Visva-Bharati University as the example.”

Smt. Tandrira Pattrea

- 29.07.2022. Delivered a lecture to the visiting Army Personnel from Army Education Corps Training College & Centre, Panchmari, Madhyapradesh at Cheena Bhavana, Visva-Bharati. Title of Presentation: “Daoism.”
- 16.11.2022. Delivered a lecture to the visiting Army Personnel from Army Education Corps Training College & Centre, Panchmari, Madhyapradesh at Cheena Bhavana, Visva-Bharati. Title of Presentation: “Biography of Tan Yunshan.”
- 7.02.2023. Delivered a Departmental lecture, organized by Cheena Bhavana, Visva-Bharati. Title of Presentation: “Tagore’s view on Foot Binding.”
- 30.03.2023. Delivered a lecture to the visiting Army Personnel from Army Education Corps Training College & Centre, Panchmari, Madhyapradesh at Cheena Bhavana, Visva-Bharati. Title of Presentation: "Foot binding: An ancient traditional custom of Chinese women.”

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Subhendu Ghosal

- 01.12.2022: Presented a paper in a two-day National Seminar on “India China relations and the Way Forward” organized by Department of Chinese Language and Culture (Cheena-Bhavana) Bhasha-Bhavana, Visva-Bharati, Santiniketan. Title of Presentation: “The China Story-Through the Eyes of Chinese Netizens.”

Ravindra Kumar

- 02.12.2022. Presented a paper in a two-day National Seminar on “India China relations and the Way Forward” organized by Department of Chinese Language and Culture (Cheena-Bhavana) Bhasha-Bhavana, Visva-Bharati, Santiniketan. Title of Presentation: “Cultural Resemblance in Chinese and Hindi Proverbs.”

Students

Seminar/Conferences/Workshop

Ankush Bhattacharya, student of MA SEM -III

- 01.12.2022. Presented a paper *in* a two-day National Seminar on “India China relations and the Way Forward” organized by Department of Chinese Language and Culture (Cheena-Bhavana) Bhasha-Bhavana, Visva-Bharati. Title of Presentation: “China’s Quest for AI Dominance”

Bidisha Seth, student of MA SEM -III

- 01.12.2022. Presented a paper in a two-day National Seminar on “India China relations and the Way Forward” organized by Department of Chinese Language and Culture (Cheena-Bhavana) Bhasha-Bhavana, Visva-Bharati. Title of Presentation: “*Feminist activism under the leadership of Xi Jinping.*”

Rajarshi Biswas, student of MA SEM -III

- 02.12.2022. Presented a paper in a two-day National Seminar on “India China relations and the Way Forward” organized by Department of Chinese Language and Culture (Cheena-Bhavana) Bhasha-Bhavana, Visva-Bharati. Title of Presentation: “Uncovering the Similarities and connections between Indian and Chinese Traditional Medicine.”

Other Departmental Activities

- **13.05.2022. Chinese Consul General in Kolkata Mr Zha Liyou visited Chinese Department:** Chinese Consul General in Kolkata, His Excellency Mr. Zha Liyou visited Cheena Bhavana. He talked about the development of the Department, exchanged ideas about ways of improving the preservation and utilization of the valuable books presented by late Chinese Premiere Zhou Enlai and how Cheena Bhavana can play a bigger role in promoting cultural and educational exchanges between China and India.
- **06.12.2022. Delegation from Chinese Embassy visited Cheena Bhavana**
A delegation from Chinese Embassy visited Cheena Bhavana, Visva Bharati.
- **28.07.2022, 17.11.2022, 19.03.2023. Visit of Army Personnel from Panchmari:**
An interaction programme among the visiting members of The Sena Siksha Corps Prasikhan College Aur Kendra, Panchmari and faculty and students of Cheena Bhavan was organized by Cheena Bhavana, Visva Bharati successively on three occasions.

Extension activities/NSS/Cultural and other activities organized by the Department and participated by the Teachers and Students of the Department

Outdoor Activity at Sonarjhuri, Santiniketan

- 21.09.2022. The students of MA 2nd year organized an outdoor activity at Sonarjhuri. The newly enrolled students shared their experience at Cheena Bhavana. All the students and faculties took part in singing and other cultural activities in Chinese language.

19.07.2022. Online Interactive Cultural Exchange with Taiwan

- An online Cultural Exchange programme was organized by Cheena Bhavana, Visva Bharati with the University of Taiwan

Spring Festival Celebration

- 14.02.2023. Cheena Bhavana celebrated China's Spring Festival by watching different Chinese Cultural Programmes and by eating dumplings.

Chapter-2

Academic distinctions gained by Teachers/Scholars or the Department as a whole (like recognition as D.S.A. or C.A.S. etc.)

Avijit Banerjee

- i. Nominated as a member of the Centre Committee of the Centre for Chinese and South-East Asian Studies, JNU for a period of two years from December 2021

Publications:

Publication

Avijit Banerjee

- Banerjee, A. (2022a). Chinese Teaching and Learning in India During the Covid-19 Pandemic: An Introduction and A Reflection (新冠疫情期间的印度中文教学简介和反思) (Xin Guan Yiqing Qijian de yindu zhongwen jiaoxue jianjie he fansi). In the Monograph *Online Chinese Teaching and Learning in 2020 edited by Shijuan Liu* (pp. 212–217). National Foreign Language Resource Center.
- Banerjee, A. (2022b). Translation of Prof Xue Keqiao's paper China – India Buddhist Interactions by the Sea Route during the East Jin and Song Dynasties. In *Professor Jayeeta Ganguly Commemoration Volume edited by Prof. Suniti Kumar Pathak* (pp. 253–263). Jayeeta Publishing House.
- Banerjee, A. (2022c). Introduction of Ancient Indian Buddhism to China and the India-China Cultural Exchanges. In *Professor Jayeeta Ganguly Commemoration Volume edited by Prof. Suniti Kumar Pathak* (pp. 340–346). Jayeeta Publishing House.
- Banerjee, A. (2022d). A Study of the Emergence of New Chinese Vocabulary in the Post Cultural Revolution Period. In *Studies of China and Chineseness since the Cultural Revolution: Vol.1: Reinterpreting Ideologies and Ideological Reinterpretations edited by Prof. Chih-yu Shih, Swaran Singh, and Reena Marwah*. World Scientific Publishing Co Pvt Ltd.
- Banerjee, A. (2023). The Historic Role of Hu Shi in the May Fourth Movement. In *China's May Fourth Movement: New Narratives and Perspectives edited by Prof. Sabaree Mitra*. Routledge India.

Subhendu Ghosal

Chapters in Books:

- Ghosal, S. (2022). An Outline of Buddhist Influence on Chinese Language. In *Professor Jayeeta Ganguly Commemoration Volume* edited by Prof. Suniti Kumar Pathak. Jayeeta Publishing House.

Ravindra Kumar

Chapters in Books:

- Kumar, R. (2022). Influence of Buddhism on Chinese Proverbs. In *Professor Jayeeta Ganguly Commemoration Volume* edited by Prof. Suniti Kumar Pathak. Jayeeta Publishing House.

DEPARTMENT OF MARATHI

Scholarship/ Achievements

- Certificate course student Nirupama Padhan secured 1st position in Mehendi event in Zone Youth Festival and also she secured 1st position in same event in National Youth festival in 2022-23.

Departmental Seminar (Speakers, Title of the Seminar, Date)

- 02.03.2023. A special lecture was organized by Department of Marathi. Speaker- Dr. Amarendra Kumar, Associate Professor, Department of History, Visva-Bharati. Topic of Presentation- “Chhatrapati Shivaji and the Creation of Maratha Swarajya” This special lecture was organized on the occasion of Chhatrapati Shivaji birth celebration.

National and International standard onference/Seminar/Workshop/Exhibition etc.:

Ranvir Sumedh Bhagwan

Seminar/Conferences/Workshop- 04

- 14.04.2022. Presented a paper (online) in the National Conference on “The Legacy of Dr. B.R. Ambedkar and Savitribai Phule in Women Empowerment,” Organized by SC, ST, OBC Employees Association of Visva-Bharati, Title of Paper Presentation: “Revolutionary Aspects of the Savitribai Phule”.
- 30 & 31.07.2022. Presented a paper (online) in the International Conference on “India@ 75: Culture, History and Politics,” Organized by MLT College, Saharasa, Bihar, Title of Paper Presentation: “Cultural Space in Marathi Cinema”.
- 17.10.2022. Delivered a keynote address (online) in the National Seminar on “Impact of Globalization on Folklore,” Organized by Yashwantrao Chavan Art, Commerce and Science College, Ambejogai, Maharashtra. Title of Keynote address, “Impact of Globalization on Folklore”.
- 17 & 18.12.2022. Presented a paper in the inter lingual International Conference on “ Ethics and Human Values through Literature,” Organized by YaSHWANT Mahavidyalaya, Nanded, Maharashtra, Title of the Paper Presentation ,”Manviya mulyansathi bandkhoriche tatvdnyan mandnare tatatvdnya Sant.Kabir”.

Publication

Chapters in Books: 01

- Ranvir Sumedh Bhagwan. (2022), *Manviya Mulyansathi Bandkhoriche Tatvdnyan Mandnare Tatvadnya Sant.Kabir*. Marathi Sahitya va Manviya Mulya (ed. by Dr.Ganeshchandra Shinde, Dr.Sanjay Jagtap) ISBN-978-93-95104-09-8, (pp.453-456) Parikalpana Prakashan, Nanded, Maharashtra.

Research Articles in Journal: 02

- Ranvir Sumedh Bhagwan, (2023), *The Feminist Philosophical Thoughts of Mahatma Phule: In the Special Context of Women's Social Status.*” International Journal for Multidisciplinary Research. Volume 5, Issue-1, January –February 2023. E-ISSN-2582-2160,
- Ranvir Sumedh Bhagwan, (2023). *Goutamiputra Kamble: Marathi Chintanparak Kathawon ko Nai Unchai Denewale Katahakaar*. International peer review journal *Paironkar*. ISSN- 2320-5601,(pp.02-06) Issue-January to March 2023.

DEPARTMENT OF TAMIL

Name of the students qualified in UGC/CSIR/NET/SLET and GATE Examinations:

Scholarship/ Achievements:

- 1) 2022. Mr.Muralitharan, Ph.D research scholar of the Department selected for Central Institute of Classical Tamil Doctoral fellowship.

Departmental Seminar (Speakers, Title of the Seminar, Date)

- 07.04. 2022. Tamil Sankar. S, *Arasiyal sinthanaiyalar Buddhar.*
- 21.04. 2022. Satheeswaran. G, *Tamil samoogathil aramum aatralum.*
- 28.04. 2022. Muralitharan. M, *Ilakkiyamum mozhi amaippum.*
- 05.05.2022. Tamil Sankar. S, *Tholliyal nokkil eazhaththil pandai mathamum kalaiyum.*
- 12.05.2022. Satheeswaran. G, *Iruthaliyamum marxiyamum.*
- 19.05.2022. Muralitharan. M, *Tamilaavil kanda unmaigal.*
- 26.05.2022. Tamil Sankar. S, *Purathana ilangaiyil Tamil, Singala uravukal.*
- 23.06.2022. Satheeswaran. G, *Varalarum vakkirangalum.*
- 30.06.2022. Muralitharan. M, *Tamilin naveenathuvam.*
- 07.07.2022. Tamil Sankar. S, *Bouthamum tamilum.*
- 14.07.2022. Satheeswaran. G, *Tholkudi velir vendhar.*
- 21.07.2022. Tamil Sankar. S, *Murkaala India.*
- 28.07.2022. Satheeswaran. G, *Airoppiya thathuvangal.*
- 04.8.2022. Muralitharan. M, *Sanga ilakkiya varalaru.*
- 11.08.2022. Senthil Prakash.S. , *Yazhppana thonmai varalaru.*
- 18.08.2022. Satheeswaran. G, *Paaliyal arasiyal.*
- 25.08.2022. Senthil Prakash.S. , *Boutha samaya kalai varalaru.*
- 15.09.2022. Satheeswaran, G, *Sanga kavithaiyaakkam marabum maatramum.*
- 22.09.2022. Muralitharan, M, *Tamil cinemavin mugangal.*
- 29.09.2022. Satheeswaran, G, *Sangakaala inakkulu samuthayamum arasu uruvaakkamum.*
- 20.10.2022. Muralitharan. M, *Samugaviyal nokkil sevviyal ilakkiyam.*
- 27.10.2022. Satheeswaran. G, *Tamil veeranilai kavithai.*

National and International standard onference/Seminar/Workshop/Exhibition etc.:

Senthil Prakash.S

- 20-21.09.2022. A National level seminar was organized on “Disseminating Classical Tamil Literature (Tolkappiyam) among Non-Tamils” with the financial assistance of Central institute of classical Tamil,
- 21.09.2022. Presented a Paper in the National level seminar was organized by Department of Tamil, Visva-Bharati.

Research Fellows:

Satheeswaran. G

- 14.04.2022. Delivered an invited lecture on “Ambedkarin inraiya poruthappaadu” in Ambedkar birthday celebration symposium by Thanichol literary organization, Thiruvavur, TamilNadu.
- 26.04.2022. His poems were projected in the guruvanam drawing and poetry exhibition of *Thol seelai poraattam* centenary celebration in Chennai.
- 29.01.2023. Participated in the panel discussion of “The significance of Contemporary indian poetry” in Ananya Literary Festival, Santiniketan, West Bengal.
- 29.01.2023. Participated in the poetry reading session of in Ananya Literary Festival, Santiniketan, West Bengal.

Extension activities/NSS/Cultural and other activities organized by the Department and participated by the Teachers and Students of the Department

- 19.12.2022.A special Film screening program was conducted for the Visva-Bharati students and staff members. “Witness” Tamil movie was projected to create Awareness about the manual scavenging.
- 09.01.2023.Pongal Festival was celebrated in the Tamil Department. Students and Staff members of different Departments actively participated.

Academic distinctions gained by Teachers/Scholars or the Department as a whole (like recognition as D.S.A. or C.A.S. etc.)

Senthil Prakash.S

- Dr.Senthil Prakash.S has been awarded as “**Research Excellence Award**” for his outstanding contribution in the field of Literary Research Education, on a wonderful occasion of “World Teacher’s Day” in the International award ceremony conducted by Malaysia, Tamil education site for Indian Students & Paramathi velur, Kaviarasar Kalai Tamil Sangam (Tamil Nadu Gov.Regd.No 165/2009) held on 05/10/2022.
- Dr. Senthil Prakash. S has been serving as the co-ordinator and in- charge of the anti-ragging cum disciplinary committee of Bhasha Bhavana. He is also the member of grievance redressal cell. He was and remains a member, BOS of the Department of Indian Languages, Banaras Hindu University, RAC at Centre for Modern European Languages and Literary Studies, Visva-Bharati.
- Satheeswaran. G, Ph.D Senior Research fellow of our Department has got “**Shonali Ghosal award**” for Tamil – Bengali translation in Kolkata poetry confluence by The Antonym and Bhasha Samsad.
- Mr. Satheeswaran. G, PhD Senior Research Fellow of the Department has successfully completed “Two years certificate Course in Bengali” in the Department of Bengali, Visva-Bharati, West Bengal.
- Mr. Muralitharan M. PhD Research fellow of the Department has successfully completed the “Pravesha, Parichaya, Shiksha” contacted by Samskrita Bharati, Tamil Nadu.

Publications:

Senthil Prakash.S

BOOKS

- *Bangla Bhasai Tamil Sekha*. Bolpur: Birutjatiyo Sathityo Sammiloni. May 2022. ISBN: 978-93-91736-43-9.
- *Kasi anandaner narukku kobita*. Kolkata: Tobuo Proyas prokashoni. January 2023. ISBN: 978-93-91230-75-3.

Research Fellows

Satheeswaran. G

- Satheeswaran. G(Co-Author), (2022), *Bangla Bhasai Tamil Sekha*. Bolpur: Birutjatiyo Sahitya Sammiloni. ISBN: 978-93-91736-43-9.

Designing New Course/Curriculum or any other teaching innovations introduced by the Department:

- e-Content developed for Diploma in Epigraphy, Diploma in Temple art & Architecture
- Online classes conducted through Google meet for all the courses.
- Research scholars' special training conducted in the field of Translation.
- 500-e-books collected from Tamil virtual academy for the Departmental library.
- All the course paper syllabus, books & study materials are digitalized and distributed to the newly admitted students.

DEPARTMENT OF ASSAMESE

National and International standard Conference /Seminar /Workshop / Exhibition etc.:

Sangita Saikia:

- 10.09.2022. Invited lecture on “Contribution of Assamese Students of Calcutta to Modern Assamese Literature” in National Seminar on Retracing the Literary Journey of the Authors in Kolkata during the 19th Century, organized by Asom Sahitya Sabha and Department of Comparative Literature, Calcutta University.
- 30.09.2022. Invited lecture on “Data Collection and Analysis”, in National Workshop on Research Methodology for UG/PG/M Phil/Ph.D Students, organized by Dudhnoi College, Assam.
- 03.12.2022. Presented a paper on “Borgeet and Hindustani Shashtriya Sangeet: An Analytical Study” in International Seminar on Contribution of Sankardeva and Other Contemporary Vaisnava Saints of India to Mankind, organized by Sankardeva Sanskritik Samaj, Puri Prakalpa, Odisha.

Extension activities/NSS/Cultural and other activities organized by the Department and participated by the Teachers and students of the Department:

- 09.05.2022: The Department participated in Rabindra Janmotsav Programme
- 21.02.2023: The Department participated in International Mother Language Day Programme.

Publications:

Sangita Saikia

- Sangita Saikia and Bhaskarjit Saikia, 2022, “Revisiting the Heritage Materials of Sri Sri Dihing Na-Matisatra Nazira”, *Online International Interdisciplinary Research Journal*, ed. S, K Khtal, ISSN: 2249-9598, pp. 118-128.
- Sangita Saikia and Priyanka Devi Mondal, 2023, “Borgeet Aru Hindustani Sashtriya Sangeet”, *Satsari*, UGC CARE Listed Journal Volume-18, Issue 06, Publisher- Sadin Printers, ISSN 2319-8893, pp. 97-99.

Designing New Course/Curriculum or any other teaching innovations introduced by the Department:

Sangita Saikia

- Study material developed for Indira Gandhi National Open University (Development of Assamese Literature).

CENTRE FOR MODERN EUROPEAN LANGUAGES LITERATURES AND CULTURE STUDIES

Departmental Seminars:

- 12.08.2022.Prof. Dipa Chakrabarti, Amity University Rajasthan: Special Lecture on Guy de Maupassant and 19th Century Realist Literature.
- 28.09.2022.Prof Joëlle Libois, former Director, Haute École de Travail Social (HETS), Geneva, Switzerland: Special Lecture on Rabindranath Tagore's philosophy of education and Tagore's ideas of community and sustainable development.
- 07.09.2022.Dr. Martin Kämpchen: First Lecture in a Lecture Series on "Hermann Hesse's Novel *Siddhartha*: Its Roots in Indian Philosophy".
- 15.09.2022.Dr. Martin Kämpchen: Second Lecture in a Lecture Series on "Rabindranath Tagore and Paul Geheeb: Comparing Their Educational Ideas".
- 06.12.2022.Dr. Martin Kämpchen: Third Lecture in a Lecture Series on "Rabindranath Tagore's Integration into European Culture".
- 07.12.2022.Dr. Martin Kämpchen: Fourth and Final Lecture in a Lecture Series on "Rabindranath Tagore and Germany – The Story Behind my Research".
- 08.12.2022.Dr Rongili Biswas, Barasat College: Special Lecture on "The Chartreuse Grass: Writing Flaubert, Writing Fiction".
- 23.12.2022.Prof. Shubha Chakraborty Dasgupta, Former Professor of Comparative Literature, Jadavpur University: Special Lecture on "Revisiting Roland Barthes and his vision of language".
- 24.12.2022.Prof. Shubha Chakraborty Dasgupta, Former Professor of Comparative Literature, Jadavpur University: Class-cum workshop by, on "Reading Flaubert".
- 13.03.2023-15.03.2023. Dr. Martin Kämpchen: 3-day Workshop by on "Translation and Conversation Skills: Translating and Discussing Translations - Tagore's Poems in (to) German" for intermediate and advanced students of German Studies.

International & National Conferences /Seminars/Workshop/Exhibition etc. Details of chairing/evaluation/presentation made by Teachers/Research Scholars.

Nilanjan Chakrabarti

- 4.07.2022-8.07.2022. Acted as resource person in an online faculty development programme organized by Amity School of Foreign Languages, Amity University Kolkata.
- 20.09.2022-21.09.2022. Delivered valedictory speech at a National workshop entitled *Disseminating Classical Tamil Literature among non-Tamil* jointly organized by Dept of Tamil, Visva-Bharati and Central Institute of Classical Tamil, Chennai.
- 20.03.2023-21.03.2023. Delivered a lecture entitled *Francophonie for the youth at Francophonie 2023:New Perspective, An International Multidisciplinary and Scientific Colloque* organized by Amity University Rajasthan on the occasion of World Francophone Day.

Romit Roy

- 23.04.2022. Scenic reading of Roland Schimmelpfennig's German play *Der Zinnsoldat und die Papiertänzerin*, translated by Romit Roy, performed by theater group Kolkata Kalpak, at Goethe Institut / Max Mueller Bhavan Kolkata.
- 12.06.2022. Scenic reading of Roland Schimmelpfennig's German play *Der Zinnsoldat und die Papiertänzerin*, translated by Romit Roy, performed by theater group Prachyanat, at Goethe Institut, Dhaka, Bangladesh.
- 04.12.2022. Scenic reading of Roland Schimmelpfennig's German play *Der Zinnsoldat und die Papiertänzerin*, translated by Romit Roy, performed by theater group Kolkata Kalpak, at Arthshila Santiniketan.
- 10.06.2022-11.06.2022. Participated in national level workshop "Strategieworkshop: Germanistik", organized by German Academic Exchange Service (DAAD), at Goethe Institut / Max Mueller Bhavan New Delhi; moderated breakout session on "Gemeinsame Curricula- und Modulentwicklung" jointly with Dr. Michael Stadler, DAAD-Lektor at Centre of German Studies, Jawaharlal Nehru University.

Chapter-2

- 31.10.2022. Presented a lecture on “Interdisciplinarity and German Studies”, at ‘Carca: Exercise in Comparativisms (A Monthly Lecture Series)’, Centre for Comparative Literature, Bhasha-Bhavana, Visva-Bharati.
- 03.12.2022. Discussant on a Panel Discussion on Goethe’s Faust “Why Read *Faust*? Why Read *Faust* Now?” at Goethe Institut / Max Mueller Bhavan Mumbai, jointly organized by Goethe Institut / Max Mueller Bhavan Mumbai and Department of German, University of Mumbai.

Publications:

Indrani Das

- Das, Indrani. (2022, Sept-Dec). ‘Rabindranather Italy Bhraman’ . *Korak Sahitya Patrika*, 223-234.

Nipun Nutan

- Nutan, Nipun. (2022). La traduction française de « In An Antique Land » d’Amitav Ghosh par Christiane Besse : Une étude post-coloniale. *Réflexions*, EFLU Hyderabad.

Subhash Kumar Thakur

- Thakur, Subhash Kumar. (2023). *Imarat ka Neenv*. New Delhi: Prakashan Sansthan, (Co-translator of Andrei Platonov’s novel from Russian into Hindi)

Other relevant information:

- 04.04.2022. Dr Astrid Wege, Director of Goethe Institut / Max Mueller Bhavan Kolkata, visited CMELLCS along with her colleagues Ms Sharmistha Sarker (Programme Officer) and Mr Partha Chattopadhyay (Librarian). Dr Wege gifted a number of books to the CMELLCS German Unit Library for the benefit of students of German as well as others. The visitors from Goethe Institut also explored the possibility of installing their “Digital Wall Library” in CMELLCS in the Bhasha-Vidya-Bhavana building. Possibilities of future collaborations, especially in the sphere German language training, were discussed. Dr Wege also spoke with UG and PG students of German.
- 05.09.2022. Dr. Gianluca Rubagotti, Consul General of Italy, Kolkata met the students of Italian, CMELLCS and presented a good number of books on Italian Language, Literature and Culture.

- A student of MA in Italian Sem I, Shri Soumya Ghosh got an Italian Government scholarship for 3 months to attend a language course (level C-1) at the University of Perugia, Italy.
- Dr. Sunita Acharya was nominated as a member of the Centre Committee of the Centre of Russian Studies, JNU. She was also appointed as a Reviewer for Journal Critic, issue no. 21 of the Centre of Russian Studies, JNU.

A Brief history of CMELLCS.

Centre for Modern European Languages, Literatures and Culture Studies (CMELLCS) was created in 2014 keeping in mind Rabindranath Tagore's internationalist vision: *Yatra Visvam Bhavatyekanidam* (Where the world makes a home in a single nest). The aim of CMELLCS is to promote an understanding of European civilization and its diverse impact on the world through the study of its languages, literatures and cultures, and through translation. The four modern European languages currently offered for study under CMELLCS are French, German, Italian and Russian. Until 2014 French, German, Italian, Russian were offered as part-time evening courses viz. as Certificate, Diploma and Advance Diploma courses by the respective language units under Department of English & Other Modern European Languages (DEOMEL) since countless decades.

Scholars from France, Germany, Italy & Russia as well as other European countries regularly visited Visva-Bharati since 1921 for various scholarly pursuits. Teaching of French and German began in 1921 in the year of official inauguration of Visva-Bharati. Italian was introduced in 1979 and Russian in 1980.

CMELLCS has introduced B.A (Hons.) programme in 2014 & M.A in 2017. CBCS system has already been implemented in all UG programmes since 2017. At present, Ph.D. programme is being offered to students of French, Italian and Russian. Subsequently Ph.D. in German will be also offered in the near future.

CENTRE FOR COMPARATIVE LITERATURE

Departmental Seminar (Speakers, Title of the Seminar, Date):

- 13.02.2023. Title of Talk: The Mahabharata in Costa Rica: From Bookstores to Classrooms and Beyond. Speaker: Dr. Roberto Morales Harley– Director, Department of Philology, University of Costa Rica.
- 20.02.2023. Title of Talk: Coordinates of the Poetry of Rogelio Sinan: An Approach to the Verses of the Master. Speaker: Rodolfo de Gracia Reynaldo – Author and Member-Secretary, Panamanian Academy of Languages.

National and International standard Conference/Seminar/ Workshop/Exhibition etc.:

Soma Mukherjee

- 24.07.2022-29.07.2022. Presented a paper at the XXIII Congress of the International Comparative Literature Association, Tbilisi Georgia organized by Ivane Javakhisvili Tbilisi State University and Shota Rustaveli Institute of Georgian Literature. Title of Presentation: “Travel Narratives of Bangla Literature: A Comparative Literary Analysis”.
- 23.03.2023-24.03.2023. Delivered lecture as Resource Person in the Plenary session of the seminar/workshop titled “Bangla Bhashay Tulanamulak Sahitya Charcha” organized by Department of Comparative Indian Language and Literature, University of Calcutta. Title of Presentation: “Tulanamulak Sahitya Charcha–Ekta Parjyalachana”.
- 27.03.2023-29.03.2023. Delivered lecture as Speaker-Delegate in the International Conference on ‘Literary Studies from Orality to Textuality: A Civilizational Watershed’ organized by Department of English, Bhagat Phool Singh Mahila Vishwavidyalaya, Haryana. Title of Presentation: “The Idea of Plurality in Modern Indian Literary Traditions: A Comparative Perspective.”.

Dheeman Bhattacharyya

- 10.01.2023-11.02.2023. Delivered lecture as **Invited Speaker** in the National Seminar titled “Cinema Without Borders: Motion Pictures from California to Calcutta” organized by the Centre for Journalism and Mass Communication

(CJMC), Visva-Bharati. Title of Presentation: “From Real to Reel and Beyond: Interweaving Marginalities across Time and Space in the ‘independent’ cultural sphere”.

- 09.02.2023-10.02.2023. Delivered lecture as Invited Plenary Speaker in the National Conference on ‘Ecological Compositions: Indigenous Responses from India and Canada’ organized by the Institute of English & UGC Area Study Centre for Canadian Studies, University of Kerala. Title of Presentation: “Casualties of Modernity: Indigenous Cultural Resistance in Canada and India”.
- 24.02.2023. Delivered lecture as Resource Person in the online Refresher Course on ‘Literature & Literary Works in the Post-Modern Era’ organized by the UGC Human Resource Development Centre, in association with the Department of English, The University of North Bengal. Title of Presentation: “De-centering the ‘Classical’: Dance Studies in India (1948-2022)”.
- 24.02.2023. Delivered lecture as Resource Person in the online Refresher Course on ‘Literature & Literary Works in the Post-Modern Era’ organized by the UGC Human Resource Development Centre, in association with the Department of English, The University of North Bengal. Title of Presentation: “De-coding the Colonial Stage: Budhan Theatre and Native Earth Performing Arts (1998-2022)”.
- 21.03.2023. Delivered lecture as Resource Person in seminar/workshop on ‘Academic Social Responsibility’ organized by the Department of Comparative Literature, Jadavpur University, and the University of East Anglia (UEA), UK in association with the UK India Business Council (UKIBC). Title of Presentation: “Academic Social Responsibility”.

Ankana Bag (PhD Research Scholar)

- 05.08.2022-07.08.2022. Presented a paper in the International Conference on “Narratives of Criminality, Punishment and Social Justice in Children’s and Young Adult’s Literature” organized by the Department of English, Jadavpur University with Association for Children’s Literature in South Asia. Title of Presentation: “Reading the Investigative Child and Nature through Carl Hiaasen’s Novels”.
- 14.1.2022-15.11.2022. Presented a paper in the conference titled “Santiniketan – A Bridge between India and Japan and the Various Aspects of Japan” organized by the Department of Japanese, Bhasha-Bhavana, Visva-Bharati. Title of Presentation: “Understanding an Unknown Land: P.C. Mozoomdar and Japan”.

Chapter-2

- 17.12.2022-18.12.2022. Presented a paper in the conference organized by Khoai Sahitya Sanskriti Samiti, Santiniketan. Title of Presentation: “Japane Bangali Shikkharthi O Meiji Juger Samapti”.

Mrittika Ghosh (PhD Research Scholar)

- 24.07.2022-29.07.2022. Presented a paper at the XXIII Congress of the International Comparative Literature Association, Tbilisi Georgia organized by Ivane Javakhishvili Tbilisi State University and Shota Rustaveli Institute of Georgian Literature. Title of Presentation: “The Queer Shades Under the Udala Tree: Locating an Alternative in the Literatures of Nigeria”.
- 14.03.2023-15.03.2023. Presented a paper at PALAVER XVI, International Forum for Scholars of African Studies, organized by the Centre for Studies in African Literatures and Cultures, Jadavpur University. Title of Presentation: “Identity, Resilience, and Survival: The African World and Africa in the World”.

Suparna Mondal (PhD Research Scholar)

- 05.08.2022-07.08.2022. Presented a paper at the Scholars’ Seminar organized by the Department of Bengali, Jadavpur University. Title of Presentation: “Swadhinata-uttar Kale Bangla Bhashaye Pratibeshi Sahityer Itihas: Ekti Anusandhan”.

Arnab Das (M.Phil. Research Scholar)

- 15.02.2023-16.02.2023. Presented a paper in the International conference on Canadian Studies titled “Ecology and the Individual: Reading Transnationalism from Indo-Canadian Perspectives” organized by the Centre for Canadian Studies, Department of Comparative Literature, Jadavpur University. Title of Presentation: “Understanding Ecology and Individual: Reading Transnationalism from Indo-Canadian Perspectives through Interactive Fictions”.

Subham Bhaumik (M.Phil. Research Scholar)

- 15.02.2023-16.02.2023. Presented a paper in the International conference on Canadian Studies titled “Ecology and the Individual: Reading Transnationalism from Indo-Canadian Perspectives” organized by the Centre for Canadian Studies, Department of Comparative Literature, Jadavpur University. Title of Presentation:

“An Indian Perception of the Inuit People’s Relationship with Nature: Through English Subtitles”.

Academic distinctions gained by Teacher/Scholars or the Department as a whole (Like recognition as D.S.A or C.A.S. ETC.)

Dheeman Bhattacharyya:

- Member of Board of Studies, CCL
- Member of Departmental Research Committee
- Member of various Research Advisory Committees within and outside CCL
- Member of departmental Purchase Committee
- Member of departmental Admission Committee
- Chairperson of DQAC, CCL
- Chairperson of DAIP, CCL
- Chairperson of Departmental Students’ Grievance Redressal Committee

Soma Mukherjee:

- Member of Board of Studies, CCL
- Member of Departmental Research Committee
- Member of various Research Advisory Committees within and outside CCL
- Member of departmental Purchase Committee
- Member of DQAC, CCL
- Member of departmental Admission Committee

Nilanjana Bhattacharya:

- Member of Board of Studies, CCL
- Member of Departmental Research Committee
- Member of various Research Advisory Committees within and outside CCL
- Member of departmental Purchase Committee
- Member of departmental Admission Committee
- Member of DQAC, CCL
- Member of DAIP, CCL
- Member of Departmental Students’ Grievance Redressal Committee

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Publications:

Nilanjana Bhattacharya

- Bhattacharya, N. (2022). Genre and Gender: A Reading of *Mṛcchakaṭikam*. In S. Mallick (Ed.), *Śūdraka's Mṛcchakaṭikam: A Reader* (pp.26-41). Birutjatiyo.

Dheeman Bhattacharyya

- Ganges Art Gallery. (Dec 10, 2022 to Jan 10, 2023) *Faltering Repose* (pp. 28-9). [Catalogue]. Kolkata: Mahjabin Imam Majumdar.
- Bandyopadhyay, Bireshwar. (2022). “Heto Chhara, Kabitay Gandhi O Charka” (D. Bhattacharya, Trans.) In Indranil Acharya (Ed.), *Mahatma Gandhi in Bangla* (pp.247-56). Bharatiya Vidya Bhavan.
- “Amar Baari Khola Canvas”. (2022, Aug 27). *ChatushparniBartaman*, pp. 3.

Ishani Dutta

- Chowdhury, Narayan. (2022). “Rabindranath, Vivekananda O Gandhi” (I. Dutta and S. Karak, Trans.) In Indranil Acharya (Ed.), *Mahatma Gandhi in Bangla* (pp.429-44). Bharatiya Vidya Bhavan.
- Mustafi, Ashok. (2022). “Gandhiji O Subhaschandra” (I. Dutta, Trans.) In Indranil Acharya (Ed.), *Mahatma Gandhi in Bangla* (pp.479-500). Bharatiya Vidya Bhavan.
- Thakur, Kapil Krishna. (December 2022). *Ujantalar Upakatha*. (I. Dutta and S. Ghosh, Trans.). In Indranil Acharya (Ed.), *Janajati Darpan* (Vol. 9, pp. 51-74). Suchetana Printing and Publishing.

Sounak Dutta

- Dutta, S. (Sep 2022). “Comparative Literature in Contemporary India: Question of Language and Beyond.” *Bangabidya International Journal of Bengal Studies* (Vol. 11-12, pp. 270-76). ISSN: 2277-7717.

Suparna Mondal

- Dhanwa, Alok. (May 2022). “Goli Dago Poster” (S. Mondal, Trans.) *Aporjon: Bengali Webzine on Social, Cultural & Literary Issues*. ISSN: 2582-3701. <https://aparjan.wpcomstaging.com/2022/05/29/may2022-sumotr/>

- Dhanwa, Alok. (May 2022). “Asmaan Jaisi Hawayein” (S. Mondal, Trans.) *Aporjon: Bengali Webzine on Social, Cultural & Literary Issues*. ISSN: 2582-3701. <https://aparjan.wpcomstaging.com/2022/05/29/may2022-sumotr/>
- Dhanwa, Alok. (May 2022). “Safed Raat” (S. Mondal, Trans.) *Aporjon: Bengali Webzine on Social, Cultural & Literary Issues*. ISSN: 2582-3701. <https://aparjan.wpcomstaging.com/2022/05/29/may2022-sumotr/>
- Thomas, Edward. (Sep 2023). “Like the Touch of Rains” (S. Mondal, Trans.) *IPPL Journal* (Issue 3). <https://ippljournal.org/issue-3-september-2022/suparna-mondal/>

CENTRE FOR ENDANGERED LANGUAGES (CFEL)

Name of the Centre: Centre for Endangered Languages:

Traditionally India is viewed as a pluralistic society that is supportive of all languages big or small. Our Constitution too is committed to the language rights of all, including the right to mother tongue education. Now National Education Policy 2020 is supporting marginal languages of the country. However, the education system has encouraged the growth of dominant languages more, and in practice most of the smaller languages are not included. This has resulted in marginalization of diverse linguistic communities and enhanced threat perceptions to their languages. To safeguard these languages, we also need to formulate clear cut plans for the empowerment of these languages and their speakers, simultaneously the relevant recommendations of the NEP-2020 should be implemented on the ground as soon as possible. This would involve linking languages with literacy and education, with technology and with economic opportunities. 'Structure' of Endangered Languages has developed as a theme of serious research in informed linguistic circles for about two decades now. This is of course of purely linguistic and typological interest. But it is the 'Function' of endangered languages, and their 'Consequences' that have drawn public attention thanks to a media coverage the UNESCO Atlas has received under which India was found to be on the top of countries with 197 endangered languages.

Objectives of the Centre:

- To undertake inter-departmental and inter-disciplinary research related to endangered languages.
- To undertake fieldwork, research, analysis, archiving and documentation of smaller indigenous/endangered languages using state-of-the art speech and language technologies, in formats that are universally acceptable viz. digital textual, audio and video formats.
- To produce and publish monographs, grammars, grammatical sketches, dictionaries and lexicon, ethno-linguistic and theoretical descriptions, collection of oral and folk literature and scholarly book on endangered languages.

- To produce language and dialect atlases with special reference to minority and endangered languages.
- To organize workshops and seminars aimed towards promoting advanced research related to endangered languages.
- To train teachers and students from other departments/centres in Field Linguistics, Lexicography and in techniques for data management and documentation. Field Linguistics should constitute an indispensable part of the centre.
- The Centre should serve the indigenous and endangered language communities by making accessible the products of the research of the Centre i.e. digital and analogue archives of linguistic data, language teaching material, and language artifacts.
- To promote and foster various domains of endangered languages so as to ensure minority/endangered language communities in maintaining and preserving language vitality, including the development of orthographical resources like scripts, book of letters primers.
- To digitize data collected in the course of the research in the Centre and make it available to public by internet.

Academic Activities

- June, 2022. Conducting lexicon-building workshops.
- 5.08.2022. Centre observed Har Ghar Tiranga event.
- 29-30.11.2022 Centre organized a Training Program-cum-Workshop for Enumerators at Visva-Bharati, Santiniketan.
- 30.11.2022. Centre released its books, dictionaries.
- Data upgradation on its web-portal (cfelvb.in) and mobile app.

National and International standard Conference / Seminar / Workshop /Exhibition etc.:

Arimardan Kumar Tripathi

- 04-05-2022: Delivered lecture on Translation and Translation Technology: A Career Perspective (online) in a special program organized by the Rabindranath Tagore University, Bhopal.
- 06-06-2022 - 10-06-2022: Contributed to National Focus Group - Language Education by an online workshop organized by RIE, Bhubaneswar.

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- 26-05-2022: Delivered lecture on Women's Language in Linguistics (online) in a Refresher Course organized by HRDC, North-Eastern Hill University, Shillong.
- 29-11-2022 - 30-11-2022: Coordinated a training workshop at the Centre.

Publications:

Centre's Publications

- Pradhan, Sabita & Arimardan Kumar Tripathi (2022). *English-Hindi-Bangla-Koda Dictionary*. Santiniketan, India: Centre for Endangered Languages, Visva-Bharati.
- Pradhan, Sabita & Arimardan Kumar Tripathi (2022). *Koda-Bangla-Hindi-English Dictionary*. Santiniketan, India: Centre for Endangered Languages, Visva-Bharati.
- Pradhan, Sabita & Arimardan Kumar Tripathi (Eds.) (2022) *Bibliography of Marginal Indian Languages*. Santiniketan, India: Centre for Endangered Languages, Visva-Bharati.
- Pradhan, Sabita & Arimardan Kumar Tripathi (Eds.) (2022) *Bibliography of Indian Landscapes*. Santiniketan, India: Centre for Endangered Languages, Visva-Bharati.
- Pradhan, Sabita & Arimardan Kumar Tripathi (Eds.) (2022) *Lexicon Set for Data Collection: An Exercise Book for Studying Marginal Languages of West Bengal*. Santiniketan, India: Centre for Endangered Languages, Visva-Bharati.
- Pradhan, Sabita & Arimardan Kumar Tripathi (Eds.) (2022) *Lexicon Set for Data Collection: An Exercise Book for Studying Marginal Languages of Hindi Areas*. Santiniketan, India: Centre for Endangered Languages, Visva-Bharati.
- Pradhan, Sabita, Arimardan Kumar Tripathi and Akash Bhagat (2022) *Birhor: Language and Life*. Centre for Endangered Languages, Visva-Bharati, Santiniketan.

Faculty's Publication

Arimardan Kumar Tripathi

(I) Book and Book Chapter:

- Tripathi, Arimardan Kumar (2022) 'sūcanā-praudyogikī kī sāmājīkī (Sociology of Information Technology)'. Prakrut Bharati Academy, Jaipur.
- Tripathi, Arimardan Kumar (2022) 'Language Revitalization through Digital Economy' in *Journal of Asian Arts, Culture and Literature (JAACL)* Vol 3, No 2.

- Tripathi, Arimardan Kumar (2022) 'Language Revitalization: The NEP-2020. Language and Language Teaching', *Vidya Bhawan Society*. Jaipur, India: Vol 11, No. 2, Issue 22, pp.96-104.

(II) Newspaper Article focused on linguistic awareness:

- Hindi ke agrah aur virodh men kuchh buniyadi galtiyan, jo donon or se hoti hain (some fundamental mistakes in the insistence and opposition of Hindi, which come from both the sides.) in *ichowk*, an online news platform of India Today Group on 1 May 2022.
- Bhaasha ke bhagya vidhata (fortune creator of languages) in *Jansatta*, a daily Hindi newspaper on 17 August, 2022.
- Maatr bhaasha banaam shikshan (Mother Tongue vs Teaching) in *Jansatta*, a daily Hindi newspaper on 9th Oct 2022.
- Sanskriti mein badhatee kaimare ke paith (Camera's growing penetration into culture) in *Lokmat Samachar*, a daily Hindi newspaper on 12th Feb, 2023.

A brief history on the development of the Centre concerned with an indication of the future plans for development.

Future Plan

- To setup a full-fledged interdisciplinary Linguistics Department for marginal languages and cultural study as per suggestion of the UGC, New Delhi.
- Publishing books and dictionaries of the Centre.
- Conducting intensive field work for language and cultural documentation in West Bengal, Tripura, Odisha, Jharkhand & Bihar.
- Productizing language descriptions, map, tools, reports, primer and other resources.
- Research and Development of NLP focused on marginal languages.
- Video documentation and documentary production.
- Linguistic data validation from language experts.
- Community based workshops and socio-cultural reporting.
- To fill the data of Indian languages for language endangerment alarm to sensitize the society and speech communities.
- Workshops with representatives of communities for data validation and linguistic awareness.

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- Implementing the recommendations of National Education Policy-2020 under the mandate of the Centre.
- To setup a National Folklore Museum and online archive for the same.
- To preserve linguistic and cultural diversity of country through digital mediums.
- To setup an online Language Information Hub for regional languages through its portal.

To develop and popularize language learning tools and language games for cross linguistic communities etc. through its portal and mobile app.

CENTRE FOR BUDDHIST STUDIES

Name of the students qualified in UGC/CSIR/NET/SET and GATE Examinations.

Centre does not enroll any student. It has no teachers too. It only generates awareness about the ideals of the Buddha among young students of Visva-Bharati through seminars talk series, poetry festivals and workshops etc. and through its research publications.

National & International Conferences /Seminars/Workshop/Exhibition etc.:

- 27.3.2023. Organized a National Seminar on ‘The Veda and Buddhism’ in collaboration with the Department of Sanskrit, Pali and Prakrit, Visva-Bharati with leading speakers like Dr. Prativa Manjari Rath, formerly Professor, Department of Sanskrit, Utkal University, Bhubaneswar and Dr. Paramba Shree Yogamaya, Associate Professor & Head, Department of Sanskrit, Sri Jagannath Sanskrit University, Puri.

Publications:

Aruna Ranjan Mishra (Director, I/C, Centre for Buddhist Studies)

Books of Research Published

- A.R. Mishra (Ed.), (2022), *Indian Tradition of Śabdaśakti*. New Delhi: Pratibha Prakashan. ISBN – 978-81-7702-499-9.
- A.R. Mishra (Ed.), (2023). *Ujjwala-Śāstra-Vaibhavaon*. New Delhi: Shivalik Prakashan. ISBN – 978-93-91214-44-9.

Paper in UGC Care-Listed Journal

- 2022, “Bharata on Languages and their Role in Drama”, in *Veshveshvaranand Indological Journal*, Ed. S.K. Sarangi et al, (UGC Care Listed No. 452), VVB Institute of Sanskrit and Indological Studies, Punjab University, Hoshiarpur, pp. 89-95. ISSN: 0507-1410.

Parts of Book of Research

- 2022, “Vedic Science of Agriculture” in *Spectra of Indic Researches*, Ed. P.M. Rath et al., Pratibha Prakashan, New Delhi, pp. 56-65. ISBN: 978-81-7702-490-6,

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- 2022, “Indian Tradition of Śabdaśakti: A Critical Note”, in *Indian Tradition of Śabdaśakti*, Ed. A.R. Mishra. New Delhi: Pratibha Prakashan, pp. 46-67. ISBN: 978-81-7702-499-9,
- 2023, “Contribution of Late Professor Ujjwala Jha to Indology” in *Ujjwala-Śāstra-Vaibhavam*, Ed. A.R. Mishra. New Delhi: Shivalik Prakashan, pp. 3-11. ISBN: 978-93-91214-44-9,
- 2023, “Concept of Bhakti in the Rgveda” in *Ujjwala-Śāstra-Vaibhavam*. Ibid., pp. 300-310. ISBN: 978-93-91214-44-9.
- 2023, “Foreword”, *Anyathā*, Ed. Subhrajit Sen. Kolkata: Sanskrit Pustak Bhandar, pp. xi-xxii. ISBN: 978-93-92622-43-4,

Present Advisory Board :

1. Chairperson : Prof. Bidyut Chakraborty, Vice-chancellor, Visva-Bharati
2. Prof. Sabita Pradhan, Principal, Bhasha-Bhavana
3. Prof. Amal Kumar Pal, Director, Rabindra Bhavana
4. Dr. Sedup Tenzing, Head(I/C), Department of Indo-Tibetan Studies
5. Prof. Aruna Ranjan Mishra, Director (I/C), CBS and Convener

Other relevant information:

- Centre for Buddhist Studies has been able to generate awareness about Lord Buddha and the ideals of Buddhism in the Campus.

VIDYA BHAVANA

(Institute of Humanities & Social Sciences)

Vidya Bhavana is the keystone of Gurudev Rabindranath Tagore's concept of Visva-Bharati as a centre of higher learning. It started out as Uttar- Vibhaga, the Department of Advanced Studies, in July 1919. After Visva-Bharati formally came into existence in 1921, it was renamed Vidya-Bhavana – the Institute of Higher Studies and Research in 1925. Adhyapaka Vidhusekhar Sastri, - the great Philosopher and Sanskrit scholar who selected the motto of Visva-Bharati, "*yatra visvam bhabatyekaniram* " - was the first Adhyaksha (Principal).

Vidya-Bhavana is now the Institute of Humanities and Social Science - a major faculty of the University with several departments/functioning under it - Ancient Indian History Culture & Archaeology, Anthropology, Center for Journalism & Mass Communication, Economics and Politics, History, Geography, Philosophy & Comparative Religion, Women's Studies Centre, Education (as a field of Social Science).

Vidya-Bhavana has been successful in attracting a significant number of foreign students not merely from the SAARC nations but even beyond.

Most departments of Vidya-Bhavana offer courses at Undergraduate, Postgraduate and Doctoral levels. The faculty members and scholars of the departments publish widely in national and international journals and teach, research and attend conferences and workshops in many Universities in India and abroad. A substantial number have obtained prestigious fellowships and successfully completed projects funded by national and foreign institutions. Students and scholars of the Bhavana have been placed in prestigious institutions all across the country and beyond.

DEPARTMENT OF ANCIENT INDIAN HISTORY CULTURE AND ARCHAEOLOGY

Name of the students qualified in UGC/CSIR/NET/SLET and GATE Examination:

- Sandipan Garai, WBSET (Roll No. 18037283)
- Sourav Lai, WBSET (Roll No. 19040466)
- Mangaldip Mondal, WBSET (Roll No. 18037431)
- Sukrit Das WBSET (Roll No:18037523)

National and International standard Conference/Seminar/Workshop/Exhibition etc:

- 04.04.2022- 05.04.2022. Special Lecture Series on 'Psychology of Religion' by Prof. Thomas Lindgren from Umea University, Sweden.
- 06.04.2022. Student Interaction session with Prof. Thomas Lindgren.
- 13.05.2022. Special lecture (online) on 'Identifying Identities of Purana Murti in greater Magadha' by Prof. Rob Linrothe from Northwestern University, USA.
- 13.04.2022. Student interaction session with Prof. Osmund Bopearachchi, UC Berkely.
- 14.02.2023. Student interaction and workshop on 'Early Indian History: Sources Readings and Interpretations' by Prof. Ranabir Chakravarti(Retd.), Jawaharlal Nehru University.

B.D. Chattopadhyaya Memorial Lecture Series:

Prof B. D. Chattopadhyaya, an eminent historian and one of the founders of the School of Historical Studies, Visva Bharati passed away on 13th July, 2022. The Department of AIHC & A has started organizing monthly memorial lecture series since August 2022. The following list includes the names of the eminent scholars across the world who have delivered lectures online and offline as a mark of respect to the stalwart.

- 01.08.2022. Lecture by Prof. T. Venkatasubramanian, Delhi University
- 20.09.2022. Lecture by Dr. Shonaleeka Kaul, Jawaharlal Nehru University
- 14. 11.2022. Lecture by Prof. Aloka Parasher Sen, University of Hyderabad

- 13.12.2022. Lecture by Dr. Manu V Devadevan, IIT, Mandi
- 16.01.2023. Lecture by Prof. Swadhin Sen, Jahagirnagar University
- 13.02.2023. Lecture by Prof. Osmund Bopearachchi, UC Berkely
- 13.03.2023. Lecture by Prof. Kesavan Veluthat (Retd.), Delhi University

Research Publications and Other Achievements of Faculties

Ongoing Research Projects and Research Publications

Anil Kumar

Research Project: He has been collaborating with IIT, Dhanbad for the second year. Geophysical survey around Itkhor Temple in Chatra District, Jharkhand has already been done. Fresh license for exploration has already been permitted by Archaeological Survey of India this year to carry out exploration work in Chatra district of Jharkhand state. 15 sites have been shortlisted for conducting geophysical survey to be starting from July 2023. The exploration involves use of high resolution drones, GPR and other scientific equipments for understanding and identifying the sites.

- Awarded License for explorations in Chatra District, Jharkhand by ASI, 2023.
- Continuing with a project by DST to conduct Geophysical survey of Mohane River Valley.
- 10.02.2023. Delivered an invited lecture organized by Faculty Development Centre, University of Allahabad.
- 11.01.2023. Invited and participated in National Seminar Organized by Indian Council of Historical Research, New Delhi.

Research Articles

- Kumar, A. (2022). "Discovery of an Ancient Nunnery in Magadh: Its implication on the *Bhikkhuni* Sanghas of Thailand", *ANC Journal for Discourses in Humanities and Social Sciences*, I(II), 1-25.
- Kumar, A.(2022). "Book Review, Bijoy Kumar Choudhary: Archaeological Gazetteers of Samastipur District, Vaisali District, Nalanda District, Kaimur District and Gaya District" (co-author Abhishek Singh Amar), *ANC Journal for Discourses in Humanities and Social Sciences*, I(II), 179-189.

Sarita Khettry

- 11.02.2023-13.02.2023. Delivered an invited lecture and presented a paper entitled "Popular Buddhism in the North-West through the lens of Epigraphy" in the two

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day International Seminar on ‘Early India through multiple lenses’ organized by Department of History, Ramakrishna Mission Vidyamandir, Belur Math, Howrah.

- 17.03.2023-18.03.2023. Delivered an invited lecture and presented a paper entitled ‘Origin of the Image of Manjusri a Mahayanic deity of transcendental wisdom in the Buddhist art of Gandhara (C. 1st century CE-2nd Century CE) in the two day International Seminar on ‘Recent trends in Buddhist studies’ organized by Department of Buddhist Studies, University of Calcutta and the Mahabodhi Society of India, Kolkata.

D.K. Mavali Rajan

- 30.01.2023. Delivered an invited special lecture entitled “Early Indian Traditions: Methods and Approaches” organized by the Department of History, Central University of Tamil Nadu, Thiruvavur.
- 06.03.2023-08.03.2023. Delivered an invited lecture entitled “Approaches to the Study of Early Indian Society and Culture” in the Three days National Workshop on ‘Recent Trends in Historical Research and Publication Ethics’ organized by the Department of History, Central University of Tamil Nadu, Thiruvavur.
- 26.08.2022-28.08.2022. Delivered an invited lecture and presented a research paper entitled “Crop, Cultivation and Culture: Insights from Tamil Texts”, in Cultural History Session at the 41st Annual Session of the South Indian History Congress, hosted by Department of History, G.T.N. Arts College (Autonomous), Dindigul, Tamil Nadu.
- 20.11.2022-21.11.2022. Delivered an invited lecture and presented a research paper “A Retrospective view of the Caste Structure and Social Marginalization in the Indian Scenario”, in the 42nd Annual Session of Odisha History Congress, organized by Fakir Mohan University, Vyasa Vihar, Balasore, Odisha.
- 27.12.2022-29.12.2022. Delivered an invited lecture and presented a research paper “Buddhism: Its Influence and Reflection in Tamil Epic Manimekalai” in the Ancient India at the 81st Session of the Indian History Congress organized by Madras Christian College (Autonomous), Chennai, Tamil Nadu.
- 27.01.2023-31.01.2023. Delivered an invited lecture and presented a research paper “Agrarian Slave Labourers in Medieval South India: An Appraisal on the Forms of Servitude” in the XLVI Indian Social Science Congress, organized by Bharathidasan University, Tiruchirappalli, Tamil Nadu.

- 27.01.2023-31.01.2023. Delivered an invited lecture and presented a joint research paper “Dalit Liberation Movements: An Assessment of Ayothidas and Ambedkar Ideology of Buddhism” in the XLVI Indian Social Science Congress, organized by Bharathidasan University, Tiruchirappalli, Tamil Nadu.
- 02.03.2023-03.03.2023. Delivered an invited lecture and presented a research paper “Understanding Untouchability: The Ideas and Practice in the Early Indian Society” in a two day ICSSR Sponsored National Seminar on ‘Introspection and Retrospection of Indigenous Ideas, Communalism and Secularism in South India’ organized by the School of Historical Studies, Madurai Kamaraj University, Madurai.
- 27.01.2023-31.01.2023. Invited and chaired a session of the Archaeology, History and Culture Research Committee during the XLVI Indian Social Science Congress, organized by Bharathidasan University, Tiruchirappalli, Tamil Nadu.

Research Article:

- Rajan, K. M. (2022). “Ritual Servants of the Temples: Gleaning from Epigraphic Records of the Chola Period”, *Proceedings of the Indian History Congress-2019*, 80th Session, Kannur University, Kerala, 78-86.
- Rajan, K. M. (2022). “Facets of Saivism in the Kamata-Kuchbehar Region of North Bengal”, *Journal of Bengal Art*, 26, 199-214.

Book Chapter:

- Rajan, K. M. (2022). “Agricultural Laborers and Wages in Medieval Tamil Country” in S. Jeevanandam, et.al. (eds.), *Recent Trends in History: Essays in Honour of Prof. Rekha Pande*. Jaipur: Literary Circle, 300-319.
- Rajan, K. M.(2022). “Caste Movements and Social Change: A Study of Social Mobilization in South India” in P. Chenna Reddy (ed.), *Revisiting India’s Past (Commemoration Volume to Prof. Vijay Kumar Thakur)*, 294-312. New Delhi: Blue Rose Publishers.

Bina Gandhi Deori

- Deputy Director (on deputation) – Research at SAARC Cultural Centre, Colombo, Sri Lanka since 2nd Januray, 2023.

Suchira Roychoudhury

- 21.01. 2023. Delivered an invited lecture and presented a paper entitled “Geoarchaeology of Ajay River, West Bengal with special reference to Mangalkot : A tribute to Guruji” in the one day seminar on ‘Current Developments & Future

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Directions in Geoarchaeology in memory of Prof S.N.Rajaguru' organized by Indian Museum, Kolkata.

Research Article

- Roy Choudhury, S. (2022). "Explorations and excavations in Bakreswar River Valley Seasons 2007–08 and 2009–10", *Pratna Samiksha*, New Series 12: 1–138.

Sujata Rakshit

- 12.10.2022-13.10.2022. Delivered an invited lecture and presented a paper entitled "A Tale of a Brāhmanical King and an Autochthonous God: Emergence of Nīlācala as a Sacred Centre in Early Medieval Kalinga", in the 5th International Conference on 'Asian Association of World Historians (AAWH)', New Delhi, India.
- 27.12.2022-29.12.2022. Delivered an invited lecture and presented a paper entitled 'The Unsettling Process of Acculturation: Role of a Sacred Space in Making of Brahmanical Hegemony in Early Medieval Odisha', in the Indian History Congress organized by Madras Christian College, Chennai.

L. Lamminthang Simte

- 02.03.2023-03.03.2023. Delivered an invited lecture and presented a paper entitled "Higher Education and Tribal Upliftment in Independent India" in the Two-Day ICSSR-Sponsored National Seminar on 'Introspection and Retrospection of Indigenous Ideas, Communalism and Secularism in South India' organized by the School of Historical studies, Madurai Kamaraj University, Madurai.
- 04.03.2023. Delivered an invited lecture and presented a paper entitled "The (un)making of a "Buddhist' site: Archaeological survey of an early historic landscape in Central India" organized by the Department of History, Central University of Tamil Nadu.
- 06.03.2023-08.03.2023. Delivered an invited lecture and presented a paper entitled "Recent advances in analysis and interpretation of Archaeological materials" in the Three days National workshop on "Recent Trends in Historical Research and Publication Ethics" organized by the Department of History, Central University of Tamil Nadu.

Suken Shah

- 23.01.2023-21.02.2023. Attended and completed ‘9th Guru-Dakshta Faculty Induction Programme (FIP) (Faculty Induction Programme)’ from Guru Ghasidas Vishwavidyalaya, Bilaspur.

A brief history on the development of the Vibhaga concerned with an indication of the future plans for development

The Department of Ancient Indian History Culture and Archaeology is a direct descendent of Ideological Studies that were initiated at Santiniketan, with the blessing of Rabindranath, and undertaken by Pundits Kshitimohan Sen and Vidhusekhara Sastri in the early 1900s, to be precise 1907 onwards, even when the idea of Visva-Bharati did not have its germination in the mind of the Poet Rabindranath and he had hesitation to designate his Centre of Culture as University. “The mischief is that” the Poet wrote as early as 1919, “as soon as the idea of a University enters our mind, the idea of a Cambridge University, Oxford University, and a host of other European Universities, rushes in at the same time and fills the whole space”. We then imagine that our salvation lies in a selection of the best points of each patched together in an eclectic perfection.” In his schemata of the seat of the Indian learning, there were no impatient craving for results, no unfortunate weakness for imitation and an unnatural desire for a full-grown University from its very birth. The idea of Visva-Bharati is a *great idea*. It “should not only be the centre of the intellectual life of India, but the centre of her economic life also.” But without being able to generate a centripetal force that would attract and group together our diverse cultural heritage and all our own materials, the creation of *a complete and moving orb of Indian culture* will remain a distant dream. Thereby, in its formative stage to give shape to the centre of Indian learning and to establish an intellectual unity if India, the Founder of the Visva-Bharati provided for the co-coordinated study of different cultures- the Vedic, the Puranic, the Buddhist, the Jain, the Islamic, the Sikh, the Zoroastrian and the European, which would enable the Institute to assimilate the best of others that would manifest the eternal truth declared in ancient India: *ātmavat savabhutesu ya pasyati sa pasyati* - He alone sees, who sees all beings as himself. Herein lies the root of the School of Indology at Visva-Bharati, the sapling of Indian History that was planted by Rabindranath and nourished by scholars from home and abroad- the most distinguished from among them included Sylvain Levi,

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Maurice Winternitz, Vincent Lesny, Sten Konow, Giuseppe Tucci, Kshitimohan Sen, Vidhusekhara Sastri and Probodhchandra Bagchi.

Visva-Bharati of Rabindranath was confined as a Central University in 1951. As many of the dreams of the Poet were lost in the quagmire of central university, the school of Ideology was also lost, leaving its fragments as Departments of Ancient Indian History and Culture, Modern Indian History, Arabic, Persian, Urdu and Islamic Studies, Sanskrit, Pali and Prakrit, Chinese Language and Culture and Indo-Tibetan Studies.

The Department of AIHC&A, which was thus named in 1951, has been re-christened in 1977, with the introduction of Archaeology as a component of course structure, as the nomenclature now stands.

The Department offers graduate courses in semester system in the three-years, Six Semesters Honours Level at B.A. and the two years, Four Semester Course in M.A. in Ancient Indian History Culture and Archaeology. It also offers a one year Casual Course in Ancient Indian History, Culture and Archaeology to the foreign students desirous of knowing basics of Indian civilisational ethos. In addition to the said course, the Department undertook M.Phil, (two years) programme and Applied and Field research oriented Ph.D. Level programmes in Ancient Indian History Culture and Archaeology.

Museum and Archaeological Laboratory

The Department of Ancient History, Culture and Archaeology has opened a new Museum and Archaeological Lab in the New Building (Ground Floor), Vidya-Bhavana. The Museum contains mostly ceramic collections from archaeological sites like Hatikra, Balupur and Kotasur. The Archaeological Lab has recently acquired a human skeleton model (170 cm) and 41 pieces of replica tools (3D) of Lower, Middle, Upper Palaeolithic and Neolithic Culture for teaching purpose of the students.

Archaeological field visit by UG students

As a part of the syllabus, the undergraduate students were taken to archaeological site visits in the surrounding regions of Mangalkot, Pandu Rajar Dhibi and Bahiri to give a practical experience of how to identify sites and understanding the site formation processes.

Inauguration of the Coin Cabinet at the Archaeological Museum

On 13th February 2023 the Department of AIHC&A inaugurated a coin cabinet in the Archaeological Museum. Prof. Osmund Bopearachchi (Emeritus Director of Research, French National Centre for Scientific Research) inaugurated the cabinet. Prof Bipasha Raha (Principal, Vidya Bhavana), Prof Sushmita Basu Majumdar (HoD, Dept of AIH&C, University of Calcutta), Registrar, Visva Bharati, Principal, Kala Bhavana, Visva Bharati, Prof. V.C. Jha, Dept. of Geography, Prof. Sarbojit Sen Gupta of Department of Economics & Politics and other faculty members from Geography and History Departments were present to grace the occasion. Punch-marked coins, Un-inscribed Cast Copper coins, Kushana and Puri Kushana coins were displayed in the cabinet. Their time period ranges from 6th century BCE to 6/7th century CE.

Future Plan

The Department proposes to establish a database to textual and visual pattern of archaeological sites in Eastern India. We would also like to develop an Archaeological Information System (AIS) at Visva-Bharati. This will be supplemented by regular exploration and excavation work in Eastern India which is a part of the academic curriculum of the Department. This will train our graduate, postgraduate and research students in field archaeological methods and techniques.

DEPARTMENT OF ANTHROPOLOGY

Departmental Seminar

- 02.04.2022. Organized an invited lecture entitled ‘Archaic Genomes and insights into Human Evolution’ delivered by Prof. Mark Stoneking, Max Planck Institute of Evolutionary Anthropology, Germany.
- 09.04.2022. Organized an invited lecture entitled “In Search of the Curve: The Measurement of Human Growth” delivered by Prof. (Emer.) Noel Cameron, School of Sport, Exercise and Health Sciences, Loughborough University, UK.
- 03.05.2022. Organized an invited lecture entitled “Regional Estimates of Physical Activity and Obesity: Implications of Economic Development and the Nutrition Transition” delivered by Prof. Peter T Katzmarzyk, Pennington Biomedical Research centre, USA.

Conference/Seminar/Workshop/Exhibition

Rangya Gachui

- 24.03.2023-25.03.2023. Delivered an invited lecture and presented a paper entitled “Weaving: an entrepreneurship tool for Tangkhul women of Manipur” in the International Seminar on ‘Entrepreneurship Development: Opportunities and Challenges’ organized by the Department of Lifelong Learning and Extension, Visva-Bharati and School of Business, Claflin University, USA.

Sipoy Sarveswar

- 30.03.2023. Delivered an invited lecture entitled ‘Intersectionality of Language and Culture: Linguistic-Anthropological Analysis of Indian Terms of Rainbow and Group Formation’ as a part of monthly lecture series called ‘Carca: Exercise on Comparativism’ organized by Centre for Comparative Literature, Bhasha Bhavana, Visva-Bharati.
- 21.02.2023. Delivered an invited lecture (as Plenary Speaker) entitled ‘Socio-Political Implications of Language Movements in India: An Anthropological Analysis of Tamil Language Politics’ in inaugural Ceremony of launching the certificate course in Tamil, jointly offered by Sri Sri Centre for Translation and

Interpreting Studies, Sri Sri University, Cuttack and Calcutta Comparatist 1919, Kolkata.

- 01.10.2022-04.10.2022. Delivered an invited lecture and presented a paper entitled 'Patriarchizing the Matriarchal Myths in India: Understanding the Process of Side-lining of Buddhism' in the fourth International Vajrayana Buddhism Conference organized by The Centre for Bhutan and GNH Studies (CBS), The Central Monastic Body of Bhutan, and International Buddhist Confederation (IBC), India at Zhichenkhar, Thimphu, Bhutan.
- 15.02.2023-16.02.2023. Delivered an invited lecture and presented a paper (online) entitled 'Social Media Influence in Perpetuating Stereotypes among Youth: Anthropological enquiry of Pandemic perception in West Bengal' in the National Conference on 'Covid-19 as Disaster: Social Vulnerability and Risk Analysis' organized by Sanskruti & St. Pious X Degree and PG College of Women, Hyderabad.
- 10.01.2023-11.01.2023. Delivered an invited lecture and presented a paper entitled 'Neo-Liberalism, Alienation and Movies as Apparatus' in the National Seminar 'Cinema Without Borders: Motion Pictures from California to Calcutta' organized by Centre for Journalism and Mass Communication, Vidya Bhavana, Visva-Bharati.
- 24.03.2023-25.03.2023. Delivered an invited lecture and presented a paper entitled "Contemporary Relevance of Tagore and Gandhi's perception of Rural Development: An Anthropological Analysis" in the International Seminar on 'Entrepreneurship Development: Opportunities and Challenges' organized by the Department of Lifelong Learning and Extension, Visva-Bharati and School of Business, Claflin University, USA.

Publication:

Arnab Ghosh (Research article)

- Mitra, M.& Ghosh, A. (2022). "Anthropometric and body composition characteristics in geriatric population with special reference to the Asian Indians: a systematic review". *Indian Journal of Gerontology*, 36 (4), 496-517.

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Jyoti Ratan Ghosh

Book

- Ghosh, J.R., & Gachui, R. (2022). "Trends in anthropological research". Delhi: Red Flower Publication Pvt. Ltd.

Rangya Gachui

Book

- Ghosh, J.R., Gachui, R. (2022). "Trends in Anthropological Research". Delhi: Red Flower Publication Pvt. Ltd.

Book Chapter

- Gachui, R. (2022). "Socio-cultural changes among the Inpui of Manipur: changing the existing culture and identity". New Delhi: Mittal Publications.
-

Designing New Course/Curriculum or any other teaching innovations introduced by the Department:

Sipoy Sarveswar

Units contributed to the Course material for IGNOU:

- Unit 10: *Contemporary Relevance of Anthropology* in core course 'B21AN03DC: Theories of Culture and Society, Block VI: Anthropology in the Contemporary World for BA Anthropology (Self Instruction Material) in Sreenarayanaguru Open University, Kerala.
- Unit 05: *Culture and Personality* in core course 'B21AN03DC: Theories of Culture and Society, Block III: Theories of Social Structure and Function for BA Anthropology (Self Instruction Material) in Sreenarayanaguru Open University, Kerala.
- Unit 07: *Neo Evolutionism* in core course 'B21AN03DC: Theories of Culture and Society, Block IV: Theories of Neo-Evolutionism and Materialism for BA Anthropology (Self Instruction Material) in Sreenarayanaguru Open University, Kerala.
- Unit 08: *Cultural Materialism* in core course 'B21AN03DC: Theories of Culture and Society, Block IV: Theories of Neo-Evolutionism and Materialism for BA Anthropology (Self Instruction Material) in Sreenarayanaguru Open University, Kerala.

- Unit 10: *Understanding Tradition, Modernity and Post Modernity* in core course 'B21AN03DC: Theories of Culture and Society, Block VI: Post Modern Theories BA Anthropology (Self Instruction Material) in Sreenarayanaguru Open University, Kerala.
- Unit 07: *Contributions of Sherry Ortner, Lila Abu-Lughod* in core course 'B21AN03DE: Gender and Culture, Block V: Feminist Theories BA Anthropology (Self Instruction Material) in Sreenarayanaguru Open University, Kerala.
- Unit 05: *Origin of State, Characteristics of State* in core course 'B21AN05DE: Political Anthropology, Block IV: State and Civil Society BA Anthropology (Self Instruction Material) in Sreenarayanaguru Open University, Kerala.
- Unit 06: *Concept of Civil Society* in core course 'B21AN05DE: Political Anthropology, Block IV: State and Civil Society BA Anthropology (Self Instruction Material) in Sreenarayanaguru Open University, Kerala.
- Unit 07: *Tribal and Village Panchayats* in core course 'B21AN05DE: Political Anthropology, Block V: Local Political System in India BA Anthropology (Self Instruction Material) in Sreenarayanaguru Open University, Kerala.
- Unit 08: *Regionalism, Communalism and Ethnic Movements* in core course 'B21AN05DE: Political Anthropology, Block VI: Political Ideologies and Political Movements BA Anthropology (Self Instruction Material) in Sreenarayanaguru Open University, Kerala.
- Unit 01: *Genesis of Applied Anthropology- Anthropology of Colonialism, Nation Building* in core course 'B21AN01SE: Practising Anthropology, Block I: Applying Anthropology- BA Anthropology (Self Instruction Material) in Sreenarayanaguru Open University, Kerala.
- Unit02: *Action Anthropology, Engaged Anthropology, Public Anthropology* in core course 'B21AN01SE: Practising Anthropology, Block I: Applying Anthropology- BA Anthropology (Self Instruction Material) in Sreenarayanaguru Open University, Kerala.
- Unit 03: *Anthropology of Policy and People* in core course 'B21AN01SE: Practising Anthropology, Block II: Anthropology of Policy- BA Anthropology (Self Instruction Material) in Sreenarayanaguru Open University, Kerala.
- Unit 01: *Ethnography- Participant Observation and Interviewing* in core course 'B21AN02SE: Introduction to Ethnography- BA Anthropology (Self Instruction Material) in Sreenarayanaguru Open University, Kerala.

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- Unit 02: *Survey, Schedule and Questionnaire* in core course 'B21AN02SE: Introduction to Ethnography- BA Anthropology (Self Instruction Material).

DEPARTMENT OF ECONOMICS AND POLITICS

Name of the students qualified in UGC/CSIR/NET/SLET and GATE Examinations.

- Anisha Hazra -UGC-NET.
- Susmadeep Bhakat-UGC-NET (JRF)
- Bickey Sharma -UGC-NET

Departmental Seminar (Speakers, Title of the Seminar, Date)

- 01.04.2022 -02.04.2022. The Department organized an Virtual Forum: Online Conference on Shadow Activities in International Trade& Capital Flows co-organized by the University of Bonn (Germany) and Visva Bharati and sponsored by Alexander von Humboldt Foundation (Germany).

Presenters:

- Dr. Lukas Linsi, Department of International Relations and International Organization, University of Groningen, Netherlands.
- Prof. Friedrich Schneider, Johannes Kepler University of Linz, Austria.
- Dr. Vibha Bhandari, Department of Business Administration, University of Technology and Applied Sciences Nizwa, Sultanate of Oman.
- Prof. Saumen Chattopadhyay, School of Social Sciences, Jawaharlal Nehru University, New Delhi, India.
- Praveen Tiwari, Department of Business Administration, Aligarh Muslim University, India.
- Dr. Debasmita Basu, School of Economics, Xavier Institute of Management University, Bhubaneswar, India.
- Subhasish Das, Department of Economics & Politics, Visva-Bharati University, India.
- Samir Kumer Das, Department of Economics & Politics, Visva-Bharati University, India.
- Dr. Vasileios Vlachos, International Hellenic University & and Democritus University of Thrace, Greece.
- Sharmi Sen, Department of Economics, University of Calcutta, Kolkata, India.

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Conference /Seminar /Workshop / Exhibition etc.:

Saumya Chakrabarti

- 21.12.2022. Delivered an invited lecture in Faculty Development Programme, St. Xavier's College, Kolkata.
- 21.12.2022. Delivered an Invited lecture in an International Conference on “Contemporary Issues in International Trade”, organized by Heritage College, Kolkata.
- 27.01.2023-31.01.2023. Delivered an invited lecture and presented a paper entitled “A critique of modernization of agriculture” in 46th Indian Social Science Congress, Chairperson, Economics Research Committee, organized by Bharathidasan University.
- 27.01.2023- 31.01.2023. Delivered an Invited chairperson’s speech entitled “A critique of inclusive growth” in 46th Indian Social Science Congress, Chairperson, Economics Research Committee, at Bharathidasan University.
- 17.02.2023-18.02.2023. Delivered an invited lecture and presented a paper entitled “Immiserizing Globalization: The Informal Sector of India” at the 26th Annual Conference of IPEA on Global and Indian Political Economy: Theory, Practice and Challenges organized by GITAM School of Humanities and Social Sciences in association with IPEA & IDSAP.

Biswajit Mandal

- 25.06.2022 –26.06.2022. Delivered an invited lecture and presented a paper entitled “Monopolistic Competition, Optimum Product Diversity, and International Trade – The Critical Role of Factor Endowment and Factor Intensity” at the 17th APTS (online platform) organized by the University of Tokyo, Tokyo, Japan.
- 20.01.2023. Delivered an invited keynote address entitled “Mobility of Financial Capital Across Times Zones, Trade and Informality” –in a National Seminar organized by Bhairab Ganguly College, Kolkata.

Amit Kumar Biswas

- 01.04.2022 – 02.04.2022. Organized a hybrid International Conference on our ongoing project theme, "International Conference on Shadow Activities in International Trade and Capital Flows", in association with the University of Bonn,

sponsored by the Alexander von Humboldt Foundation, Germany. (Reference webpage: <https://www.iw.uni-bonn.de/en/shadow-activities-conference>).

- 13.06.2022. Delivered an invited lecture entitled “Incidence and Abatement of Corruption in Development Economics” in a webinar organized by ABN Seal College, Cooch Behar.
- 17.10.2022. Delivered an invited lecture entitled “Trade, Investment and Incidence of Data Falsification: A Study on Informal Capital Movement”, in the Department of International

Achiransu Acharyya

- 28.06.2022 - 01.07 2022. Delivered an invited lecture and presented a paper entitled “Valuing Health Damages from Fluoride Contamination in Drinking water: Willingness to Pay and Dose-Response Approach” in the 27th Annual Conference of the European Association of Environmental and Resource Economists (2022 EAERE), Rimini, Italy.
- 25.08.2022-26.08.2022. Delivered an invited lecture and presented a paper entitled “Sustainability of MSME under Climate Change: A Covid-19 Analysis” in the “National Seminar on Sustainable Business Model Innovation and Management Practices: Priorities and Perspectives” organized by the Department of Business Administration, Assam University, Assam and sponsored by ICSSR (MHRD, Government of India)
- 06.11.2022. Delivered an invited lecture entitled “The Economics of Inter linkage between Water and Agriculture” organized by School of Business Administration, East Delta University, Chittagong, Bangladesh.
- 16.12.2022. Participated in the Research Advisory Committee Meeting of the Department of Economics, University of Calcutta, online as an External Member.
- 18.03.2023. Invited and Chaired a Session online in the Second International Conference on “Innovative Practices for Sustainable Business” organized by Sri Balaji University, Pune.

Priya Brata Dutta

- 05.02.2023 – 07.02.2023. Delivered an invited lecture and presented a paper entitled “Economic Growth and Environment: Role of Government in a Tourism Economy” in the Conference on ‘Imperfect Resource Mobility and Economic

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Adjustments in a Changing World- Celebrating 50 years of the Specific Factor Model' organized by St. Xavier's College (Autonomous), Kolkata.

Anamika Moktan

- 12.10.2022-26.10.2022. Attended and completed Refresher Course in Economics organized by UGC-HRDC, Northeastern Hill University, Shillong.

Madhabendra Sinha

- 06.03.2023 – 10.03.2023. Delivered an invited lecture in the One Week Faculty Development Program on “Research Data Analytics Using Free & Open Source (Jamovi & Gretl) Software” organized by the Department of Commerce, Sikkim University (A Central University) in collaboration with the SRM University Sikkim.
- 28.10.2022 – 29.10.2022. Delivered an invited lecture and presented a paper entitled “Analyzing the Performance of Pharmaceutical Industry during COVID-19: Evidence from GJR-GARCH Estimates with Indian Stock Market Data” in the International Conference on Contemporary Issues in Emerging Markets (CIEMC 2022) organized by Indian Institute of Management Bodh Gaya, India in collaboration with Waikato Management School, The University of Waikato, New Zealand.
- 25.08.2022 – 26.08.2022. Delivered an invited lecture and presented a paper entitled “FDI, Trade and CO₂ Emission in the Era of Digitalisation: Evidence from Asia-Pacific Developing Countries” in The 16th Bulletin of Monetary Economics and Banking International Conference and Call for Papers organized by the Bank Indonesia Institute and Asia-Pacific Applied Economic Association.

Seminar/Conference Presentation by Research Scholars

Apurba Kumar Chattopadhyay (Supervisor)

Abhijit Pathak (Ph.D scholar)

- 08.04.2022-09-04-2022. Attended and presented a paper entitled, “Peasant Movements in India in the Pre-independence Period: A Crucial Battle Lost” at the Two-day National level Seminar on “Revival and Changing Role of Public Library in Restoring Local History: Bengal Perspective” organized by Dhruva Chand

Haldar College, University of Calcutta in collaboration with Rammohon Library Foundation, Kolkata.

Hemanta Sarkar (PhD Scholar)

- 18.08.2022. Attended workshop for ISS Trainees from Indian Statistical Institute and spoke on “Collection of Official Statistics: Some Introductory Notes”, organized by AERC, Visva-Bharati.
- 09.12.2022. Attended state level Workshop on Annual Survey on Unincorporated Sector Enterprises conducted by the NSO.

Moumita Maitra (Ph.D scholar)

- 23.11.2022. Attended a state level seminar on “Money and Financial Crisis” organized by Raja Peary Mohon College in collaboration with the BEA.

Saumya Chakrabarti (Supervisor)

Harsha Tiwary(Ph.D scholar)

- 20.01.2023. Attended and presented a paper entitled “Performance of Mahatma Gandhi National Rural Employment Guarantee Programme (MGNREGP) in Poor and Non-poor States: A Critical Analysis in the National Seminar on Contemporary Issues of International Trade and Economic Development: The Road Ahead organized by Department of Economics, Bhairab Ganguly College in collaboration with IQAC.

Somnath Ghosh (Ph.D scholar)

- 17.01.2023. Presented a paper entitled “Urbanisation and Labour Marginalisation: An analysis of slum employment in the post reform India” in the National Conference of Urban Studies organized by Calcutta University.

Himadrija Chakraborty (Ph.D scholar)

- 6.12.2022- 7.12.2022. Attended and presented a paper entitled "Firm Structure, Market Structure, and Firm Dynamics: A study of some micro-firms of West Bengal," in ICSSR Sponsored Two Days International Conference on "75 Years of India's Independence: Journey towards Inclusive Development and Sustainable

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well-being" organized by Department of Economics, Sidho-Kanho-Birsha University.

- 17.02.2023-18.02.2023. Attended and presented a paper entitled "Firm Structure, Market Structure, and Firm Dynamics: A study of some micro-firms of West Bengal," in 26th Annual Conference of IPEA on Global and Indian Political economy: Theory, Practice and Challenges organized by GITAM School of Humanities and Social Sciences in association with IPEA & IDSAP.
- 1.03.2023-3.03.2023. Attended and presented a paper entitled "Firm Structure, Market Structure, and Firm Dynamics: A study of some micro-firms of West Bengal," in the 63rd Annual Conference of the ISLE, organized by the Centre for Development Studies and Department of Economics, Rajiv Gandhi University.

Rahul Pal (Ph.D scholar)

- 6.12.2022-7.12.2023. Attended and presented a paper entitled "Firm Structure, Market Structure, and Firm Dynamics of the Informal Sector in India: A Critical Review" in ICSSR Sponsored Two Days International Conference on "75 Years of India's Independence: Journey towards Inclusive Development and Sustainable well-being" organized by Department of Economics, Sidho-Kanho-Birsha University.

Biswajit Mandal (Supervisor)

Bhaskar Bhattacharyya (Ph.D scholar)

- 04.01.2023- 06.01.2023. Presented a paper titled "Correlates of Distress Financing in Case of Institutional Delivery in India" in the 57th Annual Conference jointly organized by School of Economics, University of Hyderabad, and The Indian Econometric Society.
- 05.02.2023- 07.02.2023. Attended an International Conference on "Imperfect Resource Mobility and Economic Adjustments in A Changing World Celebrating 50 Years of The Specific Factor Model" organized by the St. Xavier's College (Autonomous), Kolkata.

Maitrayee Das (Ph.D scholar)

- 05.02.2023-07.02.2023. Attended an International Conference on "Imperfect Resource Mobility and Economic Adjustments in A Changing World Celebrating

50 Years of The Specific Factor Model” organized by the St. Xavier’s College (Autonomous), Kolkata.

Amit Kumar Biswas (Supervisor)

Subhasish Das (Ph.D scholar)

- 02.04.2022. Presented a paper, “Hidden Capital Movement through Falsified Trade & FDI Data: Understanding BRICS” at an International Conference on "International Conference on Shadow Activities in International Trade and Capital Flows", organized by Visva-Bharati University & University of Bonn, sponsored by the Alexander von Humboldt Foundation, Germany.

Samir Kumer Das (Ph.D scholar)

- 02.04.2022. Presented a paper, “Trade Data Falsification & Possible Capital Movement: A Study on Bangladesh” at an International Conference on "International Conference on Shadow Activities in International Trade and Capital Flows", organized by Visva-Bharati University & University of Bonn, sponsored by the Alexander von Humboldt Foundation, Germany.
- 11.10.2022. Delivered an invited International level lecture at the Department of International Economic Policy on “Trade Misreporting and Hidden Capital Flight: A Study on Bangladesh – OECD trade”, organized by University of Bonn.

Upal Das (M.Phil scholar)

- 22.02.2023. Presented a paper “Incidence of Crime & Its Determinants: A Study on Indian States” at National Research Scholar’s Workshop, organized by Jadavpur University.

Achiransu Acharyya (Supervisor)

Puja Das (Ph.D scholar)

- 13.6.2022 -15.06.2022. Attended and presented a paper titled “Water Sharing Dispute on River Brahmaputra and its Socio-economic Impact on the Stakeholders Living in the Char Areas of Assam” at the 21st Annual Conference of the Indian Association of Social Science Institutions (IASSI), organized by the Indira Gandhi Institute for Development Research, Mumbai.

Ongoing Research Projects in the Department

Name of the Principal Investigator: Amit Kumar Biswas

Name of the Project: Trade Data Fabrication and Possible Capital Flight: Experiences from India and other Developing Countries.

Sponsoring Agencies: Research Group Linkage Programme Project by the Alexander von Humboldt foundation

Amount Sanctioned: EUR 55000 (INR 5000000 approx.)

Extension activities/NSS/Cultural and other activities organized by the Department and participated in by the Teachers and students of the Department.

- 10.11.2022. The Department organized a Workshop for students and teachers on Application of Data Science/Business Analytics in Economics. The Keynote Speaker was Dr. Sayantani Roy Choudhury, Associate Professor, Praxis Business School.
- 06.01.2023. The Department jointly with Teach for India organized a programme on “Leadership in Education: The Teach for India Fellowship” conducted by Pragya Bose, Recruitment Manager, Teach for India for students.
- 09.01. 2023. The Department organized a webinar titled “Principles of Investing”; a program specially designed for students. The resource person was Ms. Marina Jose. It was a part of the BSE's investors awareness programme. The objective of the program is to introduce students into the world of investing, with emphasis on how to choose the right company and highlighting the common mistakes made by investors.

Academic distinctions gained by Teachers/ Scholars or the Department as a whole (Like recognition as D.S.A. or C.A.S. etc.)

Saumya Chakrabarti

- Honored with the position of outstation Chairman, Economics Research Committee, 46th Indian Social Science Congress, January 2023.

Anamika Muktan

- Attended and successfully completed a Refresher Course in Economics organized by UGC-HRDC, Northeastern Hill University, Shillong held from 12.10.2022-26.10.2022.

Scholars

- **Kaberi Pal** has been awarded Ph.D. degree on 30/06/2022 for her thesis, “A Socio-economic Study of the Changing Status of Women in Purulia District of West Bengal in the Post-reform Period” under the supervision of Professor Apurba Kumar Chattopadhyay.
- **Sri Hemanta Sarkar** has completed his thesis titled “Situation Assessment of Agricultural households in West Bengal: A case Study in Birbhum District” in March 2023.
- **Sri Abhijit Pathak** has successfully presented his Pre-Ph. D. seminar entitled, “Institutional Credit to Agriculture in India and Its Impact: A Study of the Post-Liberalisation Period” on Monday, March 27, 2023.
- **Himadrija Chakraborty** has received the award of best paper presenter for her presentation of a paper entitled "Firm Structure, Market Structure, and Firm Dynamics: A study of some micro-firms of West Bengal," in ICSSR Sponsored Two Days International Conference on "75 Years of India's Independence: Journey towards Inclusive Development and Sustainable well-being" organized by Department of Economics, Sidho-Kanho-Birsha University.
- **Tapas Kumar Sutradhar**, who was recipient of UGC-JRF, has been successfully promoted to Senior Research Fellow w.e.f. November 2022.
- **Alaka Shree Prasad** submitted her Ph.D thesis on 09.11.2022.
- **Ananda Mukherjee** submitted his Ph.D thesis on “An Enquiry into Education and Human Capital Distribution in India” in September 2022 (supervisor Professor Sarbajit Sengupta)
- **Subhasish Das** was awarded with Ph.D degree on 16.12.2022. Dissertation Topic: Trade, Corruption, and Illegal Capital Flow: Evidence from BRICS.
- **Samir Kumer Das** was awarded with Ph.D degree on 15.03.2022. Dissertation Topic: Falsified Trade Statistics and Hidden Capital Movements: A Study on Bangladesh and her Major Trade Partners.
- **Lekharani Gohain** was awarded with Ph.D degree on 21.03.2022. Dissertation Topic: Tradability and Competitiveness of Indian Agriculture: An Enquiry.
- **Upal Das** awarded with M.Phil. degree on 31.03.2023. Dissertation Topic: Incidence of Crime and its Determinants: An Exercise Based on Indian States.

Publication:

Books

Achiransu Acharyya

- Acharyya, A.(Ed.). (2023). “Environmental Economics in Developing Countries: Issues and Challenges”. Oxon, and New York: Routledge and Taylor and Francis
<https://doi.org/10.4324/9781003253884>

Book Chapters

Achiransu Acharyya

- Acharyya, A.(2023). “Introduction and Overview: Environmental Economics in Developing Countries in Acharyya Achiransu (Ed.2023). *Environmental Economics in Developing Countries: Issues and Challenges*. Oxon, and New York: Routledge and Taylor and Francis. <https://doi.org/10.4324/9781003253884-1>
- Acharyya, A.(2023). “Climate-Smart Agriculture in Developing Economies: An Analysis of Strategies and Policies” in Acharyya Achiransu (Ed.2023). *Environmental Economics in Developing Countries: Issues and Challenges*. Oxon, and New York: Routledge and Taylor and Francis. <https://doi.org/10.4324/9781003253884-14>

Madhabendra Sinha

- Dutta, A., Mukhopadhyay, P., Sinha, M., & Chaudhury, A. R. (2022). “Pandemic Outbreak and the Future of Poverty and Inequality Scenario: Indian Perspective”. *Economic and Societal Transformation in Pandemic-Trapped India: Emerging Challenges and Resilient Policy Prescriptions* (pp. 189-201). Singapore: Springer Nature.
- Sinha, M., Sarkar, D., Chaudhury, A. R., & Metia, A. (2023). “Effectiveness of Social-Sector Expenditure and Governance on Economic Development: A Comparative Study between Developing and Developed Economies”. *Social Sector Spending, Governance and Economic Development: Perspectives from Across the World* (pp. 173-187). India: Routledge.
- Sinha, M. (2023). “Globalisation and Carbon Emission: Lessons from the Developing Economies”. *The Impact of Environmental Emissions and Aggregate Economic Activity on Industry: Theoretical and Empirical Perspectives* (pp. 169-181). Emerald Publishing Limited.

Research Papers

Santadas Ghosh

- Roy, S. & Ghosh, S. (2022). “Conservation of Mangrove Ecosystem through Labour Outmigration: Findings from Sundarban in India”. *Vidyasagar University Journal of Economics*, XXVI,59-75.

Biswajit Mandal

- Mandal,B.(2022). “Informal input sector and its impact on output market competitiveness”. *Indian Economic Review*, 57(2), 553-564. <https://link.springer.com/article/10.1007/s41775-022-00146-9>
- Mandal,B.(2022). “Lower Corruption Warrants Less, but Higher Corruption Removes it: A Ricardian Note”, *Journal of Quantitative Economics*, (20), 479-486. <https://doi.org/10.1007/s40953-022-00287-x>

Amit Kumar Biswas

- Das, S. K., & Biswas, A. K. (2022). “Trade Data Falsification and Informal Capital Movement: A Study of Bangladesh with Major Asian Trade Partners”. *Foreign Trade Review, Sage*, 00157325221120720.

Soumyadip Chattopadhyay

- Chattopadhyay, S. (2022). “Spatial Analysis of Access to Basic Services in Urban West Bengal: Disparities and Determinants”. *Journal of Asian and African Studies*. (<https://doi.org/10.1177/00219096221141343>) (Sage)
- Chattopadhyay, S. (2022). “Unpacking the Blackbox of Urban Governance in India”, *Economic and Political Weekly*. 57(22). (Book Review).
- Kumar, A. & Chattopadhyay, S. (2022). “Affordable Urban Housing and Budget 2022-23 - A Reality Check”, *Economic and Political Weekly*. 57(21).13-16.
- Chattopadhyay, S., De, I., Mishra, P., Parey, A. & Dutta, S. (2022). “Participatory Water Institutions and Sustainable Irrigation Management: Evidence and Lessons from West Bengal”, *Water Policy*. 24(4), 667-684. (DOI: 10.2166/wp.2022.306).

Priya Brata Dutta

- Gupta,M.R. & Dutta,P.B. (2022). “Long run Effects of Anti-immigration Policy”, *Indian Growth and Development Review* (Emerald Insight), 16(1),18-40.

Chapter-2

- Dutta,P.B.& Saha, N. (2022). “Impact of Trade Liberalization on Wage Inequality and Skill Formation: A Theoretical Analysis”, *Foreign Trade Review* (Sage Publications India).

Madhabendra Sinha

- Ray Chaudhury, A., & Sinha, M. (2022). “Persistence of intergroup occupational disparity in India”, *Poverty & Public Policy (Wiley)*, 14(4), 437-467.
- Sarkar, S., Ray Chaudhury, A., & Sinha, M. (2022). “Impact of Family Background on Cognitive Skills: An Empirical Investigation”, *The Indian Economic Journal (Sage)*, 70(3), 533-545.
- Ray Chaudhury, A., & Sinha, M. (2022). “Capturing Regional Disparity in Educational Transition in India: A Sequential Logit Based Transitional Probability Analysis”, *Social Indicators Research (Springer)*, 164(2), 893-928.
- Sinha, M., Tirtosuharto, D., Ray Chaudhury, A., & Basu, P. (2022). “FDI, digitalization and employment: empirical evidence from developing economies”. *Studies in Economics and Finance (Emerald)*, DOI: <https://doi.org/10.1108/SEF-10-2021-0450>.
- Ray Chaudhury, A., Sarkar, S., & Sinha, M. (2023). “Disparity in Educational Participation in the Lenses of Educational Returns and Family Background: Evidence from India”, *Journal of Asian and African Studies (Sage)*, DOI: <https://doi.org/10.1177/00219096231158342>.

Publications by Scholars

Sreejit Roy

- Roy, S. & Ghosh, S. (2022). “Conservation of Mangrove Ecosystem through Labour Outmigration: Findings from Sundarban in India”, *Vidyasagar University Journal of Economics*, XXVI,59-75.

Bhaskar Bhattacharyya

- Bhattacharyya, B. (2022). “Progressiveness of Out-of-pocket Expenditure and Determinants of Distress Financing in Case of Institutional Delivery in India”, *Arthabishleshon* , 6: 36-57.

Samir Kumer Das

- Das, S. K., & Biswas, A. K. (2022). Trade Data Falsification and Informal Capital Movement: A Study of Bangladesh with Major Asian Trade Partners”, *Foreign Trade Review*, Sage, 00157325221120720.

Number of papers published in peer reviewed journals: 20

Future Plans of the Department

- Revision and modernization of the Syllabus for the 4-year Graduate Programme as prescribed by the New Education Policy.
- Revision of syllabus in Economics towards policy and application-oriented courses that would help the students in the job market.
- Improvement of infrastructure facilities in the Department, including smart classrooms.
- The Department has already formed a Placement Cell and will actively engage itself in placement-related activities.

DEPARTMENT OF GEOGRAPHY

Name of the students qualified in UGC/CSIR/NET/SLET and GATE Examination:

- Somnath Mandal-UGC NET- (Roll No. WB10303606)
- Souvik Mondal - UGC NET- (Roll No. WB10300120)

National and International standard Conference/Seminar/Workshop/Exhibition etc:

V.C. Jha

- 19.12.2022. Delivered invited Special Lectures in the Panel Discussion on ‘Digital Geography,’ organized by NAGI, RCU, Belagavi, Karnataka.
- 21.12.2022. Delivered an invited special lectures in the Panel Discussion on ‘Connecting Indian Rivers’ organized by NAGI, RCU, Belagavi, Karnataka.
- 16.03.2023-17.03/2023. Delivered an invited special guest lecture entitled “Geospatial System for Tourism, Hospitality and Sustainable Development” in the International Tourism and Hospitality Conference (ITHC 2023) organized by NSHM Knowledge Campus, Durgapur.

Premangshu Chakrabarty

- 19.12.2022-21.12.2022. Delivered an invited lecture and presented a paper entitled “Digital Cartography and Geoinformatics Make Tourism Geography a Professional Discipline” in the ‘44th Indian Geography Congress organized by NAGI, RCU, Belagavi, Karnataka.
- 19.12.2022-21.12.2022. Chaired a Technical Session in the 44th Indian Geography Congress organized by NAGI, RCU, Belagavi, Karnataka.
- 22.06.2022-28.06.2022. Delivered an invited lecture entitled “Application of Q-GIS Software for Geospatial Analysis in the field of Trekking and Tourism” in the One Week National Level Workshop on ‘Introduction to Geospatial Technology and Mapping Using Q-GIS Software’ organized by the Dept. of Geography, University of Kalyani,
- 15.06.2022. Delivered an invited lecture entitled “Aspects of Cultural Ecology of Sunderbans in Context designing Operative Framework for the Tourism Entrepreneurs” in the One Day Workshop on ‘Homestay Tourism Entrepreneurship

Development in the Mousuni Island of Sunderbans’ organized by the Dept. of Geography, University of Kalyani.

- 13.07.2022. Delivered an invited lecture entitled “Bengal Vaishnavism and Diffusion of its Culture in Eastern and Northeastern India” in the 4th Refresher Course in Geography organized by HRDC, JNU, New Delhi.
- 02.08.2022. Delivered an invited lecture entitled “Tourism Related Hazards And Disasters” in the 4th Refresher Course organized by HRDC, Jamia Milia Islamia, New Delhi.

Bhairu Lal Yadav

- 02.10.2022. Delivered an invited lecture and presented paper entitled “Factors Affecting Health Seeking Behaviour of Elderly Population of Urban Area of Berhampore C. D. Block, Murshidabad District, West Bengal” in the World Congress on ‘Healthy Ageing in the Changing World. BioGenesis Health Cluster in Bengaluru.

Academic distinctions gained by Teachers/Scholars or the Department -

V.C.Jha

- 27.02.2023-01.03.2023. Chairperson, NAAC Peer Team Visit, Bhagat Phool Singh Mahila Vishwavidyalaya, Khanpur Kalan, Haryana.
- 29.12.2022-30.12.2022. Chairperson NAAC, Peer Team Visit Shri Ram Kala Mahila Mahavidyalaya, Dhamangaon Rly, Amravati, Maharashtra.
- 29.11.2022-30.11.2022. Chairperson, NAAC, Peer Team Visit Raja Harpal Singh Government College, Harpalpur, Chatarpur, M.P.
- 23.08.2022-24.08.2022. Chairperson, NAAC, Peer Team Visit Government Degree College, Pampore, Pulwama District, Srinagar, Kashmir.
- 01.08.2022- 03.08.2022. Chairperson, NAAC, Peer Team Visit, Tripura University (A Central University), Tripura.
- 30.06.2022-01.07.2022. Chairperson, NAAC, Peer Team Visit, VECC&A, Bengaluru (Bengaluru City University).
- Member of Expert Committee for preparing a Document for the West Bengal State Geospatial Policy, June 2022.
- Member Expert Committee for Course Design of courses of M.Sc Geography programme, IGNOU, New Delhi, May 2022

Chapter-2

- Member, School Board of School of Earth Sciences, Central University of Tamil Nadu, Thiruvavur, January 2022 (from 03.01.2022 to 08.12.2024)
- Chairman of the Editorial Board of Indian Cartographer, the Journal of Indian National Cartography Association (INCA) 2019-2022.

Publications

V.C.Jha

Book Chapter:

- Jha, V.C.(2022). “Maps, Digitalization, and Citizenry (With Special Reference to Covid-19)”, Edited Vol.1, **R C Sobti** *Learning from the Covid-19 Pandemic: Implications for Science, Health And Healthcare*.CRC Publs.
- Jha, V.C.(2022). “Covid-19 Pandemic: Social Response Through Changing Lifestyles”, Edited Vol.2, **R C Sobti**, *Learning from the Covid-19 Pandemic: Implications for Science, Health And Healthcare*.CRC Publs.

Research Article

- Sarkar,S. & Jha, V.C.(2022). “Quantitative Analysis of Relief and Drainage Using Topographical Sheets and GIS: A Case Study of Dubrajpur Block, Birbhum District, West Bengal”, *IJRAR*,9(2).
- Mukherjee,S.&Jha,V.C. (2022). “Geospatial Techniques Based Analysis of Forest Cover Reclamation in Karnaprayag CD Block, Uttarakhand – India”, *Annals, NAGI*, 42(2), 315-337.
- Sarkar,S. & Jha, V.C.(2022). “Application of AHP and Geospatial Techniques to Delineate Groundwater Potential Zones of Dubrajpur Block, Birbhum District, West Bengal, India”, *International Journal for Research in Applied Science & Engineering Technology (IJRASET)* 11(III).772-785.

Premangshu Chakrabarty

Book Chapter

- Chakrabarty, P., & Mandal, T. (2022). “Baul-Sufi Interface and Cultural Tourism: A Study in Northern Part of West Bengal, India”,*Springer*. http://dx.doi.org/10.1007/978-981-16-6415-1_19
- Mondal, P. K, & Chakrabarty, P. (2022). “Greener Recovery from Pandemic Effects: Development of a Sustainable and Resilient Destination Economy”, *Routledge*. 135-147. <http://dx.doi.org/10.1201/9781003283331-9>

Research Article

- Das, S., & Chakrabarty, P. (2023). “Contestation and compromise between Great and Little traditions: a case study in Nabadwip Mandala, India”, *Esempi di Architettura*, 10(2), <https://www.aracneeditrice.eu/it/publicazioni/esempi-di-architettura-olimpia-niglio-rana-p-b-singh-9791221805376.html>
- Dhali, M.K., & Chakrabarty, P. (2022). “An introspect of neotectonic response on channel bars morphodynamic of the rivers in Darjeeling Himalayan piedmont zone, India”, *Geology, Ecology, and Landscapes*. Taylor & Francis. 1-20. <http://dx.doi.org/10.1080/24749508.2022.2158558>
- Das, B., Mandal, P., Das, S., & Chakrabarty, P. (2022). A Study on the Ruins of Buddhist Monasteries in West Bengal in the Context of Buddhist Tourism Development”, *Indian Journal of Geography Environment*, 19, 55-64. https://www.researchgate.net/publication/363539472_A_Study_on_the_Ruins_of_Buddhist_Monasteries_in_West_Bengal_in_the_Context_of_Buddhist_Tourism_Development

Manjari Bhattacharji**Research Article**

- Pal, D., & Bhattacharji, M. (2022). “Assessment of Bankline shifting and erosion-deposition dynamics of Kangsabati river in downstream of Mukutmanipur dam, Rarh Bengal”, *Research Review International Journal of Multidisciplinary*. 7(8) DOI: <https://doi.org/10.31305/rrijm.2022.v07.i08.006>
- Paul, A., & Bhattacharji, M. (2022). “Assessing land erosion and accretion dynamics and river bank line shifting of upper reach of Hooghly river of West Bengal, India”, *Sustainable Water Resource Management*. 8:136, <https://doi.org/10.1007/s40899-022-00732-y>
- Paul, A., & Bhattacharji, M. (2022). “Assessing the Impacts and Livelihood Vulnerability of River Bank Erosion: A Case Study in Chakdah C. D. Block of Nadia District, West Bengal”, *Indian Journal of Geography and Environment*, 19, 82-97.
- Paul, A., & Bhattacharji, M. (2022). “Prediction of landuse/landcover using CA-ANN approach and its association with river bank erosion on a stretch of Bhagirathi river of Lower Ganga Plain”, *Geojournal*, <https://doi.org/10.1007/s10708-022-10814-1>.

Chapter-2

Amit Chatterjee

Book Chapter

- Ray, R., Chatterjee, A., Dutta, K., & Sousa-Limbu, D. (2022). “Reimagining Infrastructure of Care in the Pandemic Time: Sketches from Kolkata”, Routledge. 14 pages. <https://www.taylorfrancis.com/chapters/edit/10.4324/9781003301905-10/reimagining-infrastructure-care-pandemic-time-sketches-kolkata-raktim-ray-amit-chatterjee-koumi-dutta-dana-sousa-limbu?context=ubx&refId=f0f9f852-d88e-4d1b-989c-93c10c1950ab>
- Bagdi, S.S., Mondal, M., & Chatterjee, A. (2022). “Gas Tragedy and COVID-19 Vulnerabilities: An Analysis of Health Infrastructure in Bhopal, India”, Springer. 99-114. https://doi.org/10.1007/978-981-19-5940-0_2
- Tiwari, V., & Chatterjee, A. (2022). “Application of Artificial Neural Network in Master Planning—A Case of Simulating the Land Use and Land Cover Changes in Bhopal”, Springer. 83-108. https://doi.org/10.1007/978-981-19-2564-1_2

Research Article

- Madhavi, P., Choudhury, B., & Chatterjee, A. (2022). “Sharing and Labour Pooling in an Automobile Cluster of Central India”, *International Journal of Innovative Research and Scientific Studies*. 5(4), 391-399. <https://doi.org/10.53894/ijirss.v5i4.958>

Bhairu Lal Yadav

Research Article

- Yadav, B. L. & Das, S. K. (2022). “A comparative Study of Social Security and Happiness between tribal and nontribal elders in Bolpur subdivision, West Bengal”, *Research Reviews International Journal of Multidisciplinary*. 07(12),84-91.

Krishnendu Gupta

Book Chapter

- Askari, M. H., & Gupta, K. (2023). “Identifying the Health Challenges to Achieve Universal Health Coverage: A District-Level Empirical Study in India”, *Self-Reliance (Atmanirbhar) and Sustainable Resource Management in India* (pp. 132-148). Rajesh Publication. https://www.researchgate.net/publication/368977783_Identifying_the_Health_Challenges_to_Achieve_Universal_Health_Coverage_A_DistrictLevel_Empirical_Study_in_India

- Chatterjee, S., Das, S., & Gupta, K. (2022). “Exploring the Spatial Pattern of Urban Heat Island Formation in Relation to Land Transformation: A Study on the Paschim Bardhaman District of West Bengal”, *Advances in Urbanism, Smart Cities, and Sustainability* (pp. 19-37). CRC Press. <https://www.taylorfrancis.com/chapters/edit/10.1201/9781003126195-3/exploring-spatial-pattern-urban-heat-island-formation-relation-land-transformation-study-paschim-bardhaman-district-west-bengal-soumen-chatterjee-sujit-das-krishnendu-gupta>

Research Article

- Arif, M., Sengupta, S., Mohinuddin, S. K., & Gupta, K. (2023). “Dynamics of land use and land cover change in peri urban area of Burdwan city, India: a Remote Sensing and GIS based Approach”. *GeoJournal*, 1-25. <https://doi.org/10.1007/s10708-023-10860-3>
- Ankur, P., Gupta, K. (2022). “Quantifying the Ecological Stress of Urbanisation in a Million-plus City of Eastern India”. *Journal of Indian Society of Remote Sensing*, 50, 2025–2039 <https://doi.org/10.1007/s12524-022-01581-0>
- Askari, M. H., & Gupta, K. (2022). “Understanding the health care utilization behaviour to achieve the sustainable development goals—a comparative study of Malda District, India”, *SN Social Sciences*, 2(9), 166. <https://doi.org/10.1007/s43545-022-00474-w>
- Guin, J., & Gupta, K. (2022). “Urban Functionality and Sphere of Influence: A Case Study on Urban Centres of Darjeeling and Jalpaiguri District, West Bengal”, *Research Review, International Journal of Multidisciplinary*, 7(9), 38–52. <https://doi.org/10.31305/rrijm.2022.v07.i09.007>

A brief history on the development of the Vibhaga concerned with an indication of the future plans for development.

The Department of Geography was established in the late sixties (1968) with only 3 years Under-Graduate (UG) Honours course. Subsequently the two years Post-Graduate(PG) course in Geography was introduced in 1978. Besides, the Department also conducts researches leading to Ph.D. degree since late 80’s. At present 39 research scholars are pursuing their research programme for Ph.D. degree. The CBCS course in UG level had been introduced following UGC guidelines and the courses on ‘Disaster

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Management’ and ‘Climate Change’ have introduced as Generic Elective in UG level since 2017.

Keeping in mind the present developmental trends in Geography, the Department in recent years has paid attention particularly to the following thrust areas of the subject like water resources management, landscape ecology, population & settlement, infrastructures development, Urban & regional planning and development etc along with the existing course curriculum. The Department set up a laboratory with geospatial system framework dealing with spatial and non-spatial data. An advance and PG Diploma is to be introduced in Geoinformatics and sustainable development to provide the skilled human resources in this context.

DEPARTMENT OF HISTORY

Name of the students qualified in NET (UGC/CSIR/ICAR)/SET and GATE Examinations:

- Bhaskar Ghosh -UGC-NET
- Kushal Biswas -UGC-NET
- Aradhana Samanta-WBCSC- SET
- Arindam Das WBCSC- SET
- Bhaskar Ghosh-WBCSC- SET
- Bobby Mondal-WBCSC- SET
- Rituparna Roy-WBCSC- SET
- S.M. Muneerul Islam- WBCSC- SET
- Sourav Mondal WBCSC- SET
- Subhajit Hazra WBCSC- SET

National and International standard Conference/ Seminar/ Workshop/ Exhibition etc:

Sandip Basu Sarbadhikary

- 17.03.2023-19.03.2023. Invited as Chief Guest in the Inaugural Programme of National Seminar on 'Rashtriya Andolan Ki Vibhinna Dharayein: Subhas Chandra Bose Aur Azad Hind Fauj Ke Vishesh Sandarbh Mein' organized by School of Studies in History, Pt. Ravishankar Shukla University, Raipur, Chhatisgarh.
- 17.03.2023-19.03.2023. Invited and chaired a session in the National Seminar on 'Rashtriya Andolan Ki Vibhinna Dharayein: Subhas Chandra Bose Aur Azad Hind Fauj Ke Vishesh Sandarbh Mein' organized by School of Studies in History, Pt. Ravishankar Shukla University, Raipur, Chhatisgarh.

Bipasha Raha

- 24.03.2023-25.03.2023. Invited and chaired a technical session and presentation session VI: Contemporary Issues in the second International Conference on 'Entrepreneurship Development: Opportunities and Challenges', organized by the Department of Lifelong Learning and Extension, Visva-Bharati, India, & School of Business, Claflin University, USA in Santiniketan.

Chapter-2

Syed Ejaz Hussain

- 15.12.2022. Invited and delivered Professor Aniruddha Ray Memorial Lecture entitled “The Last Memoir of the Mughals by the Last and Unknown Mughal Prince: Mauj-i Sultani of Mirza Zubairuddin Gorgan” organized by Paschimbanga Itihas Samsad in collaboration with Asiatic Society at Vidyasagar Hall, Asiatic Society, Kolkata.
- 26.02.2023-28.02.2023. Delivered an invited lecture and presented a research paper entitled “Coins, Wages and Prices in Mughal India: Some Reflections” in a Two-Day International Seminar-cum-Workshop on ‘Money, Monetization and Monetary History’ organized by Faculty of Social Sciences & Numismatic Society of India, Banaras Hindu University, Varanasi in collaboration with Jnana-Pravaha, Varanasi.

Arpita Sen

- 03.12.2022. Invited and Chaired one-day National Seminar on ‘Independence, Violence and Women: Negotiating the Personal/Political in mid 20th century Bengal’, organized by the Department of History, Gokhale Memorial Girls’ College.
- 17.02.2022-19.02.2022. Invited and Chaired a session on ‘Chinta O Chetana,’ in the Modern Section in the XXXVIII Annual Conference (International Level) organized by Paschimbanga Itihas Samsad at Jangipur College, Jangipur, Murshidabad.
- 10.11.2022- 12.11.2022. Delivered an invited lecture and presented a research paper entitled ‘The Immigration Imbroglia in Assam: A Case Study of Marisbari/Morichbari Mauja, 1956’, in the 41st Session of Annual Conference of North-East India History Association, Tura.
- 27.12.2022-29.12.2022. Delivered an invited lecture and presented a research paper entitled “Beyond A Nationalist Model: Ireland in the Myriad Musings of Jawaharlal Nehru,” in the 81st Session of the Indian History Congress organized by Madras Christian College, Chennai.
- 25.03.2023-26.03.2023. Delivered an invited lecture and presented a research paper entitled “Mastering Hunger as a Political Weapon: Gandhi’s Reckoning of Irish Hunger-striker Terence MacSwiney and His Own Fast Unto Death, 1932,” in the International Conference of Bangiya Itihas Samiti, Kolkata, organized in

collaboration with Department of History at Ramakrishna Mission Vidyamandira, Belur Math, Howrah.

Amarendra Kumar

- 02.03.2023. Delivered an invited special lecture entitled “Chhatrapati Shivaji and the Creation of Maratha Swarajya,” organized by the Department of Marathi, Bhasha-Bhavana, Visva-Bharati, Santiniketan.

Subhayu Chattopadhyay

- 09.08.2022. Delivered an invited lecture entitled “Protest and Punishment: Theatre in Nineteenth Century Bengal” on the occasion of the celebration of Azaadi ka Amrut Mahotsav organized by Department of History, Kavi Joydev College, Ilambajar.
- 16.12.2022. Invited and delivered the Tarashankar Memorial Lecture entitled “Western Science and Modern India: An Engagement Revisited” organized by Suri Vidyasagar College, Birbhum.

Sudhi Mandloi

- 17.03.2023-19.03.2022. Delivered an invited lecture entitled “Subhas Chandra Bose and his ideas on Planning: His Vision for Free India” in the National Seminar on ‘Subhas Chandra Bose: Various Streams of the Nationalist Movement’ organized by School of Studies in History, Pt Ravishankar Shukla University, Raipur.
- 18.06.2022-19.06.2022. Delivered an invited lecture and presented a paper entitled “Gender and Politics: Dalit Women in post-Independent Maharashtra” in the International Conference on ‘Post-Independence Bharat and Women’s Progress’ organized by Department of Bengali, Tripura University.

Publications (Book)

Arunava Das

- Das, A.(2022). “Megher Velay Bela Obelay” (Collection of Short Stories), ISBN 978-93-95110-15-0. Kolkata: Raa Prakashan.

Chapter-2

Book Chapter

Arpita Sen

- Sen, A. (2022). “Ideas of Guru Nanak and Sankaradeva: An Analogical Study, Traditions, Personalities and Memories Aspects of Sikh History, 1469-1914”, (Chhanda Chatterjee, ed.: Primus Books, pp. 221-255. ISBN 978-93-5572-338-3), Delhi
- Sen,A. (2022). “Camouflaging the Irrefutable: The Politics of Linguistic Nationalism in Assam”. Proceedings of Indian History Congress, 80th Session (Irfan Habib *et.al.*, eds., Kannur, Published by R. Mahalakshmi, pp. 763-771) Delhi.

Arunava Das

- Das, A. (2023). “Biriyanir Boi (Food Tourism and Food Culture)”, (Samran Huda and Damu Mukhopadhyay eds., Lyrical Books, ISBN 978-93-93186-32-4) Kolkata.
- Das, A. (2023). “Bangalir Darjeeling (Popular History)”, (Damayanti Dasgupta and Sumeru Mukhopadhyay eds.: Lyrical Books, ISBN 978-93-91386-32-4) Kolkata.

Sudhi Mandloi

- Mandloi, S. (2022). “Kabir: A Pragmatic Thinker, Traditions, Personalities and Memories: Aspects of Sikh History, 1469-1914”, (Chhanda Chatterjee, ed. pp. 190-220, ISBN 978-93-5572-338-3) Delhi: Primus Books.

Bidyut Patar

- Patar,B.(2022). “Rabindranather Itihas charcha”. *Adhunik Juger Bangla*: Rajniti, Samaj, Sanskriti (Subhas Biswas, ed. ISBN-9789393490315).

Research Papers

Syed Ejaz Hussain

- Hussain,S.E.(2022). “Numismatic Evidences Forming Basis for Periodising Indian History”,*ANC Journal for Discourses in Humanities and Social Sciences*,1(I),92–103.

Amarendra Kumar

- Kumar, A.(2022). “The Khanderi Rock: A note on its strategic importance during the 17th century”, *Indian Cartographer*. 42(1), 32–40.
- Kumar, A.(2022). “Shivaji kaal me Marathon ki Nausena”, *Itihas Drishti*. 54–63.

Sabyasachi Dasgupta

- Dasgupta, S.(2022). “Representing the Rani”, *Seminar*, Ed-Tejbir Singh
- Dasgupta, S.(2023). “Maniram Dewan: Birth of a Hero”, *Man and Society*, Special Issue.
- Dasgupta, S.(2023). Book Review of *Foreshadowing the Great Rebellion: The Vellore Revolt of 1806* in *Economic & Political Weekly*.

Sudhi Mandloi

- Mandloi, S.(2022). “Dr. Ambedkar on Electoral Politics: A Prelude to Politicisation of Dalits in Colonial Maharashtra”, *Journal of Indian History and Culture*. 29, 287- 314.
- Mandloi, S.(2023). “Tilak and Gandhi: Hinduism, Caste and Untouchability”. *Gandhi Marga*, 44(4), 413-432.

Designing New Courses/Curriculum or any other teaching innovations introduced by the Department

Two New Courses have been introduced in the Masters Programme in 2022–2023

- Dr. Atig Ghosh designed and introduced “DSE-XI: Environmental History of Medieval and Modern South Asia” in MA Semester-III
- Dr. Sudhi Mandloi designed and introduced “DSE-XII: History of Ideas in Colonial India” in MA Semester-IV

DEPARTMENT OF PHILOSOPHY AND COMPARATIVE RELIGION

Departmental Seminar:

- 21.02.2023: The Department has organized International Seminar on ‘Truth and Justification’ sponsored by ICPR. The key speakers are Prof. Proyash Sarkar, Prof. Sabita Samanta and Prof. Anjan Kumar Chakravarty

National and International Standard Conference/Seminar/Workshop/Exhibition etc:

Rekha Ojha

- 15.04.22. Delivered an invited lecture and presented a paper entitled “Perspective of Male Feminist Writers: A Discourse” in the International Scientific Practical Conference on ‘Language, Literature, Tradition, Literary Criticism: Modern Approach and Prospects’ organized by Bukhara State University.
- 12.06.22-18.06.22. Invited and attended a Workshop on “Environmental Philosophy and Sustainable Development: Indian Perspective” organized by the Indian Council of Philosophical Research, New Delhi.
- 26.08.22. Delivered an invited lecture and presented a paper entitled “Women Empowerment Through Education” organized by Rammanohar Lohia Awadh University, Ayodhya.
- 05.10.22-06.10.22. Delivered an invited lecture and presented a paper entitled “Sufi Women’s Thought: A Feminist Philosophical Approach, Sufi Psychology, Perfect Humanity And Devine Inspiration” organized by Darul Trfan Research Institute, Bangladesh.
- 27.10.22-29.10.22. Delivered an invited lecture and presented a paper entitled “Women in Bankim Chandra’s Novel: A Feminist Discourse” in the national seminar on ‘The Philosophy of Bankim Chandra Chattopadhyaya’ organized by Ramkrishna Mission, Kolkata, And the Indian Council of Philosophical Research.
- 09.12.22-11.12.22. Delivered an invited lecture and presented a paper entitled “Philosophy Behind the Journey of Goutam Buddha: An Ethical Perspective” in the

International Buddhist Conference, India 2022 organized by the Association of Buddhist Tourism Organization, Kolkata.

- 11.01.23-13.01.23. Delivered an invited lecture and presented a paper entitled “Comprehending Vajrayana Buddhism Through Feminist Analysis” in the Eastern Zone Philosophy Teachers Meet organized by the Department Of Philosophy, Ravenshaw University, And the Indian Council of Philosophical Research, Cuttack, Odisha.

Sirajul Islam

- 13-05-2022. Delivered an invited lecture entitled “Islam and the Challenges Today” in the UNESCO Project IUHU Annual Lecture organized by Centre for Ideological Studies and Research, The Ramakrishna Mission Institute of Culture, Golpark, Kolkata.
- 19-09-2022. Delivered an invited Key-Note Speech in the ICPR sponsored three Day National Seminar on “Value Awareness among the Students through Philosophy” organized by Ranaghat College, Ranaghat , Nadia.
- 09-10-2022. Delivered an invited lecture on “Sufism and Inter-religious Understanding: A Philosophical Exposition” at organized by Swami Hariprasadji’ Mission, Chennai
- 28-12-2022. Delivered an invited lecture in One Day ICPR sponsored National Symposium on ‘Truth, Beauty and Goodness: Indian Perspective’ organized by the Dept. of Philosophy, Aligarh Muslim University, Aligarh.
- 05-01-2023. Delivered an invited Key-Note Speech in ICPR sponsored One Day National Seminar on ‘Comparative and Critical Study of the Philosophical Systems/Movements and Religions’ organized by the Dept. of Philosophy, Saltora Netaji Centenary College, Saltora, Bankura.
- 10-01-2023. Delivered an invited lecture entitled “Man Nature and Sustainable Development: In Sufi Philosophical Perspective” in One Day ICPR sponsored National Seminar on ‘Basic Values Embodied in Indian Culture and Their Relevance to National Reconstruction’ organized by the Dept. of Education, The University of Burdwan, Burdwan.
- 12-1-2023. Delivered an invited lecture in the three-day ICPR-sponsored Eastern Zone Philosophy Teachers’ Meet, organized by the Dept. of Philosophy, Ravenshaw University, Cuttack, Orissa.

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- 12-02-2023. Invited and participated as International Judge in Beximco Islamic Icon Session-3, 2023 to Judge International Knowledge Event through online mode, organized by Gurdian Research Foundation, Dhaka, Bangladesh.
- 14-03-2023. Delivered an invited lecture entitled “Concept of Language in Indian Philosophy: A Philosophical Analysis” in the Ministry of Education, Govt. of India sponsored three Day National Workshop on ‘Indian Logical Agreement System in the Dept. of Dravidian and Computational Linguistics’ organized by Dravidian University, Kuppam, Andhra Pradesh.
- 22-03-2023. Delivered an invited Key-Note speech in the ICPR sponsored International Seminar on “Buddhism and Ecological Paradigm” organized by the Centre of Buddhist studies, Raiganj University, Raiganj.

Murugesan

- 05.09.2022. Participated in the UGC Sponsored online National Webinar on “NEP 2020 – Changing Role of Teachers,” organized by UGC- Human Resource Development Centre, University of Kerala, Kerala.
- 07.01.2023. Delivered an invited lecture entitled “Mahatma Gandhi as a Comparative Religionist,” in the Gandhi Lecture Series – V, organized by the School of Gandhian Thought and Development Studies, Mahatma Gandhi University, Kerala in association with KG College, Pampady, Kerala.
- 11.01.2023 – 13.01.2023. Delivered an invited lecture and presented a paper entitled “The Philosophy of Saiva Siddhanta: An Adequate System to Create Holistic Society,” in the ICPR Sponsored Eastern Zone Philosophy Teachers’ Meet Sambat on ‘India’s Philosophies: Study and Research in the 21st Century Perspective’ organized by the Department of Philosophy, Ravenshaw University, Cuttack, Odisha.
- 21.02.2023. Delivered an invited Keynote Address on “Truth and Justification,” in the ICPR Sponsored World Philosophy Day – 2022, organized by the Department of Philosophy and Comparative Religion, Visva-Bharati, Santiniketan.
- 27.2.2023 – 28.2.2023. Delivered an invited lecture entitled “Ideology, Social Location and Knowledge Production: A Postcolonial Intervention in Philosophiation”, in the International Conference on ‘Reflections on Hundred Years of Philosophy in India’, University of Delhi, Delhi.

- 20.03.2023 – 21.03.2023. Delivered an invited lecture and presented a paper entitled “The Environmental Consciousness in Jain Tradition with an Emphasis on the Philosophy of *Ahimsa*,” in the Hybrid Mode IQAC- Enabled RUSA 2.0 – Sponsored National Seminar on ‘Indigenous Literatures in India’ organized by the Department of English, Annamalai University, Annamalainagar, Tamil Nadu.
- 17.12.2022. Invited and Chaired the VIth Session of the National Academic Conference on ‘Religious Studies & Inter-Religious Understanding: Prospects & Challenges’ organized by the Department of Christian Studies, University of Madras, Chennai, Tamil Nadu.
- 16.12.2022 – 17.12.2022. Delivered an invited lecture and presented a paper entitled “Academic Study of Religions & Inter-Religious Understanding with special Reference to Indian Christian Theologians,” in the National Academic Conference on ‘Religious Studies & Inter-Religious Understanding: Prospects & Challenges’ organized by the Department of Christian Studies, University of Madras, Chennai, Tamil Nadu.

Sujay Mondal

- 27.10.22-29.10.22. Delivered an invited lecture and presented a paper entitled “Bankimchandra and Rabindranath on the Concept of Morality” in a national seminar on ‘The Philosophy of Bankim Chandra Chattopadhyaya’ organized by Ramkrishna Mission, Kolkata, And the Indian Council of Philosophical Research.
- 11.01.23-13.01.2023. Delivered an invited lecture and presented a paper entitled “Dharmakirti’s Concept of Vyāpti” in the national level three-day ICPR-sponsored Eastern Zone Philosophy Teachers’ Meet, organized by the Dept. of Philosophy, Ravenshaw University, Cuttack, Orissa.

Shubhra Jyoti Das

- 18.11.2022 -19.11.2022 Invited and delivered the keynote address in the National Seminar on ‘Undivided Kamrup District in India’s Freedom Struggle’ organized by the Department of History, Dakshin Kamrup Girl’s College, Mirza, Assam, sponsored by ICSSR, New Delhi.
- 11.01.2023 -13.01.2023 Delivered an invited lecture and presented a paper entitled “The problem of Female Foeticide: Exploring a Solution from the Vedic

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Perspective” In the Eastern Zone Philosophy Teacher’s Meet organized by the Department of Philosophy, Ravenshaw University, Cuttack, Odisha.

- 21.01.2023 -23.01.2023. Delivered an invited lecture and presented a paper entitled “Was Śaṅkaradeva an Advaitian? An examination in the light of Ramana Maharshi’s Thoughts.” in the Three Day National Seminar on ‘The Post-Independence Advaita Thinkers’ organized by Department of Philosophy and Religion, Banaras Hindu University, Varansi, Uttar Pradesh sponsored by ICPR, New Delhi.
- 27.1.2023 – 31.1.2023. Delivered an invited lecture and presented a paper entitled “A Philosophical Analysis of the Ideas of Swaraj”, XLVI Indian Social Science Congress, Bharathidasan University, Thiruchirapally.
- 21.03.2023 Delivered an invited ICPR Periodical Lecture entitled “Śaṅkara and Rūmī: Are they Comparable?” in the ‘ICPR Periodical Lectures Series’ organized by Department of Philosophy, Madras Christian College (Autonomous), Chennai, Tamilnadu, in collaboration with ICPR, New Delhi.

Manjari Chakrabarty

- 18.01.23. Delivered an invited lecture and presented a paper entitled “Philosophical Reflections on Consciousness -Brain Interactions” in the International Conference on ‘Mind and Machine: Revisiting the Debates’ organized by the Department of Philosophy, University of Calicut, Kerala.
- 11-12.02.23. Delivered an invited lecture and presented a paper entitled “Debi Prasad Chattopadhyay: The Philosopher par Excellence” in the State-level Seminar (online) on “The Philosophical Contribution of Professor D. P. Chattopadhyay” organized by the Department of Philosophy, Rabindra Bharati University.
- 18-19.03.2023. Delivered an invited lecture and presented a paper entitled “Popper on Scientific Thought Experiments” in the 5th International Conference on ‘Work of Karl Popper’ organized by Professor Jeremy Shearmur, Emeritus Fellow, School of Philosophy, The Australian National University.

Anup Barman

- 31.03.2023. Delivered an invited lecture and presented a paper entitled “The Concept of Dharma and Every Day Life” in a National Seminar on ‘Importance of

Ethics in Everyday Life' organized by the Department of Philosophy in collaboration with IQAC, Nistarini College, Purulia.

Extension activities/NSS/Cultural and other activities organized by the Department and participated by the Teacher and students of the Department.

- Dr. Rekha Ojha: NSS Programme Officer of Vidya Bhavana
- Dr. Manjari Chakrabarti:
 - Acted as a Reviewer/ Referee of the following journals (during April 2021-March 2022):
 - Techné: Research in Philosophy and Technology (Official journal of the Society for Philosophy and Technology)
 - Philosophy & Technology (Springer Nature)
 - Theory & Psychology (SAGE Journals)
 - Jadavpur Journal of Philosophy
 - Philosophical Paper: Journal of the Department of Philosophy, North Bengal University
- Dr. Sujay Mondal: Coordinator, ICPR Sponsored World Philosophy Day 2022
- Dr. Murugesan A.: Joint Coordinator, ICPR Sponsored World Philosophy Day 2022
- Dr. Ipsita Sarkar: Joint Coordinator, ICPR Sponsored World Philosophy Day 2022

Academic distinctions gained by Teachers/Scholars or the Department as a whole (Like recognition as D.S.A. or C.A.S. etc.)

Sirajul Islam:

- Received Global Best Professional Award 2022 on 06-11-2022 by NUR Foundation, Kolkata.

Publications

- Chakrabarty, M. (2023). "Is Falsifiability a 'blunt instrument' for Modern Physics?". *Journal of Philosophical Investigations (JPI)*. Special Issue: Critical Rationalism: History, Achievements, Contemporary problems and Future Perspectives".

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- Das, S. J. (2022). “Sankara’s Treatment of Karmayoga in the Bhagavadgita: An Examination in the Light of Tagore’s Thoughts”. *Raveshaw Journal of Philosophy*. 48-51.
- Islam, Md. S. (2022). “Cultural Identity Crisis in the Age of Globalization and Technology: An Indian Perspective”. *Philosophy and the Life world*, 24,9-22.
- Islam, Md. S. (2022). “Impact of Sufi Movement on Indian Culture: An Appraisal”, *Journal of the Institute of Islamic Studies*, (edited by Prof. Muhammad Ismail), 47, 3-24.
- Islam, Md. S. (2022). “Sufism for Global Responsibility: A Philosophical Reflection”, *Philosophy and the Calling of Global Responsibility*, edited by S. Paneerselvam and Saji Varghese, Author Press, New Delhi, 223-230.
- Islam, Md. S. (2022). “Sufivad- O- Rabindranath: Ekti Darshanik Vishleshan” (Bengali), Samkhya, Mahavidya, edited by Caitanyamayananda, Kolkata, 75-78.
- Islam, Md. S. (2023). “Muktomona Abdur Rauf Sahe, Smaran Abdur Rau”f, Aliah Samskriti Samsad, Kolkata, pp.79-82.
- Islam, Md. S. Md. Sirajul Islam (2022). “Kirmaniya Silsilah of Bengal and its Global Outlook in Dimensions of Islamic Spirituality in South Asia and Beyond”, edited by Kazi Sufior Rahaman, University of Calcutta, Kolkata, pp.67-82.
- Md. Sirajul Islam (2022). “Anekantavada and Its Relevance: A Philosophical Analysis in Jaina Viewpoint”. *Philosophy and Progress*, LXVII-LXVIII and LXIX-LXX, 15-32.
- Mondal, S. (2023). “Bankimchandra on Society, Equality and Women's Education Philosophical Papers”. *Journal of the Departmental of Philosophy*, University of North Bengal. XIX .
- Murugesan, A. (2022). “The Importance of Spiritual Education to Enhance the Ethics of Learners with Special Reference to the Teachings of Jainism”. In S. Arivudainambi (Ed.), *Education for Sustainable Development*, 1, 473-483, IQAC, Annamalai University, ISBN 978-93-9 2042-15-7.
- Murugesan, A. (2023). “Major Indic Religious Traditions: Saivism, Vaishnavism, Saktism and Tantrism”. *Religions in India*, Institute of Distance Education, University of Madras.

- Ojha, R. (2022). Bharat me jail sudharon ke yetihasik Samiksha. GLOBALCULTURZ *International Journal of Culture and Global Studies*. 3(2), 533-537.
- Ojha, R. (2022). “Humanity As Reflected in The Views of Gautama Buddha And Rabindranath Tagore: A Comparative Study”. *Madhya Bharati*. 83, 116-120.
- Terence Samuel, M.P. (2022). “Can Saidian Orientalism be Useful for Understanding Literary Representations of Tribal Culture in Non-Tribal Literary Productions”. (In Kalachand Mahali and Dasarath Murmu -eds.) *Mahali Culture and Worldview* (102–122). Mahali Adivasi Welfare Society, Santiniketan. (ISBN: 978-81-954172-2-3)
- Terence Samuel, M.P. (2022). “The Other and Inter subjectivity in Merleau-Ponty’s World of Perception. Cetana”, *The Journal of Philosophy*, II (2), 53 – 81.
- Terence Samuel, M.P. (2022). “Criticism, Counter public and Social Change – A Postcolonial Philosophical Appraisal”. *Indian Journal of Ethics, Logic and Philosophy*, I (1), 1 – 9.

Any other relevant information:

The Department has a well-organized library located in Darshan Sadan itself. Its holdings reach over 13500 volumes, with an additional extensive collection of back-issues of different international Journals. Besides a number of foreign periodicals are received regularly. The collection of books on Religion along with texts written in Sanskrit, Pali, Prakrit, Chinese and Tibetan are housed in the Central Library of the University.

CENTRE FOR JOURNALISM & MASS COMMUNICATION

Name of the students qualified in NET (UGC/CSIR/ICAR)/SET and GATE

Examinations.

1. Simran Parveen - UGC NET-JRF November, 2022. Roll number: WB22700081.
2. Sutrishna Paswan – WBCSC-SET, January, 2022, Roll Number: 10008348.
3. Dipanjan Mondal –UGC-NET, November, 2022, Roll Number: WB10701957
4. Dipanjan Mondal WBCSC- SET – February, 2023, Roll number: 25066833.

Departmental Seminar (Speakers, Title of the Seminar, Date)

- 04.04.2022. Organized workshop conducted by Dr. Nimai C. Saha, University Librarian (acting), Visva-Bharati on Referencing Styles, coordinated by Dr. Mausumi Bhattacharyya.
- 07.04.2022-08.04.2022. Organized workshop conducted by Mr. Sudipto Das, Audiography and Sound Design (Head), Dheecast& Technical Instructor, JMC, Asutosh College, on Film Sound Recording and Designing, coordinated by Dr. Arpan Paul.
- 19.04.2022. Organized workshop conducted by Shri Sharbendu De, Visual storyteller, academic and writer on Visual Storytelling, coordinated by Dr Surhita Basu.
- 19.04.2022. Organized workshop conducted by Prof. Kaushik Goswami, Faculty, Dept. of Computer Science, St. Xavier's College on Website Design & Development – Session IV, coordinated by Dr. Mausumi Bhattacharyya .
- 20.04.2022. Organized Seminar lecture delivered by Gender & Media specialization students of M. A. Semester IV, CJMC on Challenging Gender Hierarchies: Sita, Draupadi & Khana, coordinated by Dr Mausumi Bhattacharyya.
- 26.04.2022. Organized workshop conducted by Sri Sumanta Banerjee, Head – Corporate Communications & PR, Jagson Group and Vice-President, Mahima Productions Limited, on Connecting Audio-Visual Production to Market: Journey of a Communication Professional, coordinated by Prof. Biplab Lohachoudhury, Dr Surhita Basu, Dr. Arpan Paul.

- 27.04.2022. Organized workshop conducted by Dr. Mrinal Chatterjee, Professor & Regional Director, Indian Institute of Mass Communication, Dhenkanal, on Fake News & Fact Checking, coordinated by Dr. Mausumi Bhattacharyya and Dr. Surhita Basu.
- 17.05.2022. Organized workshop conducted by Prof. Kaushik Goswami, Faculty, Dept. of Computer Science, St. Xavier's College on Website Design & Development - Session V, coordinated by Dr. Mausumi Bhattacharyya.
- 26.05.2022. Organized workshop conducted by Sri Apratim Bhattacharya, Research Scholar, CJMC on Audio-Visual Editing, coordinated by Dr. Surhita Basu.
- 30.05.2022. Organized workshop conducted by Sri Apratim Bhattacharya, Research Scholar, CJMC on Debunking Fake News, coordinated by Dr. Mausumi Bhattacharyya.
- 31.05.2022. Organized workshop conducted by Dr. Tanusree Paul, Asst. Professor, Women's Studies Centre, Visva-Bharati on Gender Violence, coordinated by Dr. Mausumi Bhattacharyya.
- 28.06.2022. Organized workshop conducted by Sri Apratim Bhattacharya, Research Scholar, CJMC on Introduction to Media Ethics, coordinated by Dr. Sanhita Chatterjee.
- 29.06.2022. Organized workshop conducted by Sri Apratim Bhattacharya, Research Scholar, CJMC on Interplay of Laws & Ethics in Media, coordinated by Dr. Sanhita Chatterjee.
- 07.07.2022. Organized workshop conducted by Dr. D. S. Dhakre, Asst. Professor, Visva-Bharati, on Statistical Data Analysis, coordinated by Dr. Surhita Basu.
- 13.07.2022. Organized workshop conducted by Dr. Nimai. C. Saha, University Librarian (Acting), Visva-Bharati, on Data Analysis, coordinated by Dr. Surhita Basu.
- 18.07.2022. Organized workshop conducted by Sri Snehashis Sur, President, Press Club- Kolkata & Academician, on Media Content Creation & Write-up Genres – Session I, coordinated by Dr. Mausumi Bhattacharyya.
- 19.07.2022. Organized workshop conducted by Sri Snehashis Sur, President, Press Club- Kolkata & Academician, on Media Content Creation & Write-up Genres – Session II, coordinated by Dr. Mausumi Bhattacharyya.

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- 19.07.2022. Organized special lecture by Sri Snehashis Sur, President, Press Club-Kolkata & Academician, on Trial by Media, coordinated by Dr. Sanhita Chatterjee.
- 20.07.2022. Organized workshop conducted by Sri Arindam Basu, Media Academician & Author, on Translation Journalism & Contemporary Indian Media, coordinated by Dr. Mausumi Bhattacharyya.
- 21.07.2022. Organized workshop conducted by Dr. Sanhita Chatterjee, Faculty, Visva-Bharati on Introduction to NVivo, coordinated by Dr. Surhita Basu.
- 21.07.2022. Organized workshop conducted by Prof. Arup Bakshi, Professor & Head of the Department, Dept. of Management & Business Administration, Aliah University, on Qualitative Data Analysis through NVivo, coordinated by Dr. Surhita Basu.
- 27.07.2022. Organized workshop conducted by Shri Lokesh Chakma, Faculty, Dept. of Journalism & Mass Communication, Sidho Kanho Birsa University & Research Scholar, CJMC, Visva-Bharati, on Audience Consumption Pattern of Print & Cyber Media, coordinated by Dr. Mausumi Bhattacharyya.
- 28.07.2022-29.07.2022. Organized workshop conducted by Sri Sudipto Das, Audiography and Sound Design (Head), Dheecast & Technical Instructor, JMC, Asutosh College, on Audio Post-Production, coordinated by Dr. Arpan Paul.
- 04.08.2022. Organized seminar lecture delivered by Shri Lokesh Chakma, Faculty, Dept. of Journalism & Mass Communication, Sidho Kanho Birsa University & Research Scholar, CJMC, Visva-Bharati, under the Scholars' Seminar Series on the Rise of OTT Bengali Originals: Niche Content for the Diverse Audiences, coordinated by Dr. Sanhita Chatterjee.
- 15.11.2022. Organized workshop conducted by Smt. Smita Khator, Translation Editor, People's Archive of Rural India (PARI), on Translation Journalism, coordinated by Dr. Mausumi Bhattacharyya & Dr. Surhita Basu.
- 17.11.2022. Organized special lecture delivered by Dr Jatin Srivastava, Director, Institute for International Journalism, Ohio University, USA on Communication Research for Beginners: Process, Challenges and Opportunities, coordinated by Dr Mausumi Bhattacharyya.
- 18.11.2022. Organized workshop conducted by by Shri Lokesh Chakma, Faculty, Dept. of Journalism & Mass Communication, Sidho Kanho Birsa University & Research Scholar, CJMC and Dr. Mausumi Bhattacharyya, CJMC, on

Communication Research Proposal Outline: Session I, coordinated by Dr. Sanhita Chatterjee.

- 21.11.2022. Organized workshop conducted by Smt. Richa Rai, Senior Account Manager, Grey Worldwide, on Introduction to the World of Advertising, coordinated by Dr. Sanhita Chatterjee.
- 24.11.2022. Organized workshop conducted by Shri Kumar Nishant, Research Scholar, CJMC and Prof. Biplab Loha Choudhury, Professor, CJMC, on Communication Research Proposal Outline: Session II, coordinated by Dr. Sanhita Chatterjee.
- 25.11.2022. Organized workshop conducted by Sri Apratim Bhattacharya, Research Scholar, CJMC & Dr. Mausumi Bhattacharya, Associate Professor, CJMC, on Communication Research Proposal Outline: Session II, coordinated by Dr. Surhita Basu.
- 22.11.2022. Organized workshop conducted by Sri Apratim Bhattacharya, Research Scholar, CJMC, on In Design Software for Layout & Design – Basic Level, coordinated by Dr. Surhita Basu.
- 23.11.2022. Organized workshop conducted by Sri Apratim Bhattacharya, Research Scholar, CJMC, on in Design Software for Layout & Design – Advanced Level, coordinated by Dr. Surhita Basu.
- 08.12.2022. Organized workshop conducted by Sabyasachi Bhattacharjee, Research Scholar, CJMC and Dr. Mausumi Bhattacharya, Associate Professor, CJMC, on Sampling in Communication Research, coordinated by Dr. Arpan Paul.
- 13.12.2022. Organized workshop conducted by Sabyasachi Bhattacharjee, Research Scholar, CJMC on Basics of Statistics in Communication Research. Coordinated by Dr. Arpan Paul.
- 04.01.2023. Organized workshop conducted by Smt. Sharmistha Chakraborty, Director, Integrated Communications at Smile Train India, on Personality Development, coordinated by Dr. Mausumi Bhattacharya.
- 10.01.2023-11.01.2023. Organized Two-day National Seminar with multiple speakers, on Cinema Without Borders: Motion Pictures from California to Calcutta, coordinated by Dr. Mausumi Bhattacharya.
- 12.01.2023. Organized workshop conducted by Sri Apratim Bhattacharya, Research Scholar, CJMC, on Photoshop Software for Photo Editing, coordinated by Dr. Surhita Basu & Dr. Arpan Paul.

Chapter-2

- 19.01.2023. Organized workshop conducted by Prof. Kaushik Goswami, Faculty, Dept. of Computer Science, St. Xaviers' College, on Introduction to HTML for Web Publishing, coordinated by Dr. Surhita Basu.
- 19.01.2023. Organized seminar lecture delivered by Shri Kunal Majumder, India Representative, Committee to Protect Journalists & Visiting Faculty, AJK Mass Communication Research Centre, Jamia Millia Islamia, on Ethical Journalism and Free Press: A Symbiotic Relationship, convened by Dr. Surhita Basu.
- 20.01.2023. Organized workshop conducted by Shri Joydeep DasGupta, Trainer from India Training Network, Google News Initiative, on Understanding and Debunking Fake News (Google News Initiative), coordinated by Dr. Mausumi Bhattacharyya and Dr. Sanhita Chatterjee.
- 08.03.2023. Organise seminar lecture delivered by Gender & Media specialization students of M. A. Semester IV, on A Resounding Silence: Retracing the Footsteps of Trailblazing Women from India's History, coordinated by Dr. Mausumi Bhattacharyya & Dr. Sanhita Chatterjee.
- 09.03.2023. Organized workshop conducted by Prof. Kaushik Goswami, Faculty, Dept. of Computer Science, St. Xaviers' College on Website Design & Development - Session I, coordinated by Dr. Mausumi Bhattacharyya and Dr. Surhita Basu.
- 10.03.2023. Organized workshop conducted by Prof. Kaushik Goswami, Faculty, Dept. of Computer Science, St. Xaviers' College on Website Design & Development - Session II, coordinated by Dr. Mausumi Bhattacharyya and Dr. Surhita Basu.
- 13.03.2023-14.03.2023. Workshop conducted by Sri Sudipto Das, Assistant Professor, School of Communication, Multimedia & Film Studies, Brainware University, on Audio Production for Radio & Film, coordinated by Dr. Arpan Paul.
- 17.03.2023. Organized workshop conducted by Prof. Kaushik Goswami, Faculty, Dept. of Computer Science, St. Xaviers' College on Website Design & Development - Session III, coordinated by Dr. Surhita Basu.
- 22.03.2023. Organized workshop conducted by Prof. Kaushik Goswami, Faculty, Dept. of Computer Science, St. Xaviers' College on Website Design & Development - Session IV, coordinated by Dr. Surhita Basu.

- 24.03.2022. Organized seminar lecture delivered by Shri Sharbendu De, Visual Storyteller (Photographer, Academician & Researcher), on Visual Aesthetics, coordinated by Dr. Surhita Basu.
- 24.03.2023. Organized workshop conducted by Prof. Kaushik Goswami, Faculty, Dept. of Computer Science, St. Xavier's College on Website Design & Development - Session V, coordinated by Dr. Surhita Basu.
- 27.03.2023. Organized workshop conducted by Smt Simran Kohli, Radio Jockey & Voice Coach, on Aesthetics of Vocal & Verbal Communication, coordinated by Dr. Surhita Basu.
- 27.03.2023. Organized workshop conducted by Prof. Arup Bakshi, Professor & Head of the Department, Dept. of Management & Business Administration, Aliah University, on Use of Application Tools to analyse Mixed Data (Qualitative & Quantitative), coordinated by Dr Mausumi Bhattacharyya,
- 29.03.2023. Organized seminar lecture delivered by Prof. (Dr.) Manukonda Rabindranath, Professor & Chairperson, Center for Media Studies, Jawaharlal Nehru University, on Challenges of Communication Ensuring Development in the Grassroots, coordinated by Prof. Biplab Loha Choudhury.
- 29.03.2023. Organized seminar lectures delivered by Prof. (Dr.) Manukonda Rabindranath, Professor & Chairperson, Center for Media Studies, Jawaharlal Nehru University and Advance Cyber Communication & Journalism specialization students of M. A. Semester IV, on Cyberscape: Legal & Ethical Dynamics, coordinated by Dr. Surhita Basu with Dr. Mausumi Bhattacharyya as Chief Patron.
- 29.03.2023- 30.03.2023. Organized workshop conducted by Sri Sujoy Das, Assistant Professor, Dept. of Sound Recording & Design, SRFT- Kolkata, on Audio Aesthetics, coordinated by Dr. Surhita Basu.
- 31.03.2023. Organized workshop conducted by Prof. Arup Bakshi, Professor & Head of the Department, Dept. of Management & Business Administration, Aliah University, on Use of Application Tools to analyse Mixed Data (Qualitative & Quantitative) – Session II, coordinated by Dr. Mausumi Bhattacharyya.

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National and International standard Conference /Seminar /Workshop / Exhibition etc.:

Biplab Loha Choudhury

- 20.09.2022: Delivered an invited lecture entitled “Ethics and Gandhian Values in Higher Education” in the International Conference organized by Globethics, India in partnership with Government College of Education - Srinagar, Malviya Centre for Peace Research - Benaras Hindu University and the International Journal for Peace, Education and Development.
- 11.11.2022: Delivered an invited Plenary session speech entitled “PR in Higher Education at Global Communication Conclave” organized by Public Relations Council of India, Kolkata.
- 01.13.02.2023: Delivered an invited lecture in inaugural session in the National Seminar in connection with commemoration of the glorious 75Years of India’s Independence organized jointly by A.B.N.Seal college, Cooch Behar and Public Information Bureau, Government of India.
- 26.12.2022: Delivered an invited lecture entitled “Challenge of Holistic Approach in Higher Education-Lessons from Ancient India” in UGC-Human Resource Development Centre, Jawaharlal Nehru University, New Delhi Faculty Induction Programme - 11.
- 2022: Cradle Global Webinar Series Fireside Talk with Dr. N.N. Tripathi, former Director General of Income Tax, Government of India on Human and Societal Development garnered 514 K viewership globally and 1000 likes engagement in 20 days.
- 04.11.2022: Invited and chaired morning plenary session in second day of National Media Conclave, 2022 hosted by Centre for Media Studies Utkal University.
- 5.21.11.2022: Delivered an invited plenary speech in first plenary session entitled “Cultural Pluralism Indian Society and Media” in first day of National Media Conclave, 2022 organized by Centre for Media Studies Utkal University.

Masumi Bhattacharyya

- 04.07.2022: Delivered an invited lecture on the queer contents in OTT in the panel entitled 'Achieving Gender Balance in Media Today: Myth or Reality?' organized under the international event I CAN -5 by Delhi Metropolitan Education (DME), Noida in collaboration with the ICSSR, VigyanPrasar - Government of India,

Institute for International Journalism, Ohio University, USA, Australia based organizations AMCSN, AIFPRN and four Indian universities.

- 16.07.2022: Delivered a joint online invited lecture along with project partner from Greece, Professor Betty Tsakarestou about 'The Room Where It Happens Project' funded by ALUMNI TIES, the U.S. Department of State which helped in learning spotting misinformation/disinformation/'alternate truth' proliferating on encrypted messaging apps in Greece and India organized at the Thessaloniki International Summer Academy on Media, Greece.
- 16.07.2022: Delivered inputs online on invitation, as a speaker, in the international project 'Disinfo Hacks podcast', which was a part of the Disinfo Hacks Project organized by DCN Global, AD & PR Lab funded by the U.S. Department of State and U.S. Mission in Greece supported by the Social Innovation and Foundation.
- 04.03.2023: Invited and chaired a technical session entitled 'Social Media' at the International Conference on 'Reflections on Research beyond Discipline' organized by the St. Xavier's University, Kolkata at St. Xavier's University, Kolkata.

National

- 22.05.2022: Delivered an invited lecture entitled 'Raja Ram Mohan Roy as a journalist' in a webinar on the occasion of Raja Ram Mohan Roy's 250th birth anniversary organized by the Indian Institute of Mass Communication, Dhenkanal and 'Communication Today'.
- 27.05.2022: Delivered an invited lecture entitled 'Usage of Social Media in Effective Governance' in a training programme for the young officers of the West Bengal Government Information and Cultural Affairs Department in their Induction training course organized by the West Bengal Government in Kolkata.
- 30.05.2022: Invited as a panelist, in an online discussion entitled 'Increasing Importance of Media Literacy at the School Level' during inauguration of the online course on 'Scanning Media: A media literacy primer for teachers', supported by the Open Education Resource for a Better World (OER4BW) organized by BichitraPathshala, Kolkata.
- 01.07.2022: Invited and Chaired as a Session Expert in the 4th Doctoral Colloquium in the discipline of Mass Communication organized by the St. Xavier's University in Kolkata.
- 24.09.2022: Delivered an invited lecture entitled 'Reporting Gender Issues' in a Faculty Development Programme on Development Journalism organized by the

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Press Club Kolkata and St. Xavier's University Kolkata, in collaboration with the UNICEF, West Bengal.

- 18.11.2022, 25.11.2022 & 08.12.2022: Conducted three Communication Research Proposal workshops for MA Semester III students as resource person along with three research scholars at CJMC.
- 13.12.2022: Delivered an invited lecture entitled 'Gender and Media' as resource person at the National Media Conference on 'Development Journalism' organized by the Press Club, Kolkata in collaboration with UNICEF in Siliguri.
- 11.01.2023: Invited and Chaired a panel discussion entitled "Indie India: Independent Films in Contemporary India" in a national seminar titled "Cinema Without Borders: Motion Pictures from California to Calcutta" organized by the Centre for Journalism and Mass Communication in Visva-Bharati, Santiniketan.
- 03.02.2023: Delivered a special online lecture entitled 'Building 21st century skills – bettering lives and careers' organized by the TATA Institute for Social Sciences(TISS), Guwahati and Piramal Foundation.
- 09.03.2023: Delivered an invited lecture entitled "Women, Better Living Conditions and Empowerment: Technology in Gender Equality" in a special programme organized by the Visva-Bharati Women's Association at the Central Library Conference Hall, Visva-Bharati to celebrate the International Women's Day.
- 17.03.2023: Invited as Moderator and delivered lecture in a roundtable discussion entitled 'Gender & Climate Change Intersectional ties' organized by the International Association of Women in Radio and Television(IAWRT), India, in Collaboration with Freidrich-Ebert-Stiftung(FES), India at India International Centre, New Delhi.
- 21.03. 2023: Delivered an invited online extension lecture entitled 'Audience Metrics' for the students for the MMC programme organized by the University School of Mass Communication, Guru Gobind Singh Indraprastha University, New Delhi.
- 24.03.2023: Delivered an invited lecture entitled 'Gender Inclusiveness and National Education Policy 2020' at a plenary session in the National Conference on 'Azadi Ka Amrit Mahotsav: NEP 2020 and Paradigm Shift in Indian Education' organized by the Guru Gobind Singh Indraprastha University, Delhi, in

collaboration with Indian Council of Social Science Research(ICSSR), Ministry of Education, Government of India in New Delhi.

Sanhita Chatterjee

- 10.01.2023: Delivered an invited lecture and presented a paper entitled “Satya to Gangs of Wasseyapur: Transnational influence of The Godfather” in the Two-day National Seminar on ‘Cinema Without Borders: Motion Pictures from California to Calcutta’ organized by the Centre for Journalism and Mass Communication in Visva-Bharati, Santiniketan.

Surhita Basu

- 06.07.2022: Delivered an invited lecture entitled “ Negotiating Masculinity: K-Dramas, in the panel discussion on Construction of Gender Narratives on the OTT: Visualizing the future of the content” in the International Conference ICAN5 organized by Media School, Delhi Metropolitan Education in collaboration with Deakin University, Melbourne, Australia.
- 19.10.2022: Delivered an invited lecture entitled “Privacy and Data Protection, in the Short Term Programme on Media and Information Literacy (MIL) for Trainers” organized by UNESCO New Delhi and Indira Gandhi National Open University (IGNOU).
- 10.01.2023: Delivered an invited lecture and presented a paper entitled “The New Hollywood: Vol. 2.0, in Two-day National Seminar on Cinema Without Borders: Motion Pictures from California to Calcutta” organized by the Centre for Journalism and Mass Communication in Visva-Bharati, Santiniketan.

Arpan Paul

- 07.01.2023. Delivered an invited lecture entitled “Readership and Audience Survey”, on Online Lecture Series on ‘Research Methodology’ organized by Department of Journalism and Mass Communication Asutosh College, Kolkata, West Bengal.
- 11.01.2023. Delivered an invited lecture and presented a paper entitled “Bollywood: Bold, Brutal, Beautiful”, in the National Seminar on “Cinema Without Borders: Motion Pictures from California to Calcutta” organized by Centre for Journalism and Mass Communication (CJMC), Visva-Bharati, Santiniketan.

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- 10.12.2022. Delivered an invited lecture and presented a paper entitled “Redefining roots: Cinematic analysis of Ayan Mukherjee’s Brahmastra”, in the National Conference on “Media, Culture & Society: Emerging Trends, Issues and Challenges” organized by School of Media and Communication Design, IMS Unison University, Dehradun.
- 24.04.2022, 01.05.2022 & 08.05.2022. Delivered an three invited lecture entitled “Journalism and Mass Communication”, for the course Diploma in Creative Writing in English (DCWE), organized by Department of English, Gurucharan College, Silchar, Assam.

Research Scholars:

Lokesh Chakma

- 09.01.2023: Presented a paper online, entitled “Dissemination of Misinformation on Queerphobia through Facebook in India” jointly presented with CJMC scholar Apratim Bhattacharya at the ‘IAMCR Presidential Ph.D. Research Webinar-Media Literacy: A Critical Pedagogy in Difficult Times of War, Pandemic, and Beyond’ organized by the International Association for Media and Communication Research.
- 27.07.2022: Conducted a workshop entitled ‘Audience Consumption Pattern of Print and Cyber Media’ for the MA Semester II students at CJMC, Visva-Bharati.
- 04.08.2022: Presented a paper entitled ‘Rise of OTT Bengali Originals: Niche Content for the Diverse Audiences’ under the CJMC Scholars Seminar Series at CJMC, Visva-Bharati.
- 22.09.2022: Presented a paper entitled ‘OTT for Kids: Rise of Children’s Online Content in India’ in the National Conclave on the theme ‘Digital is the New Mainstream’ organized by Sister Nivedita University, Kolkata.
- 18.11.2022: Conducted a workshop jointly with supervisor entitled ‘Communication Research Proposal Outline - Session I’ for the MA semester III students at CJMC, Visva-Bharati.
- 17.03.2023: Participated in a roundtable discussion as a speaker on ‘Gender & Climate Change Intersectionalities’ at India International Centre, New Delhi, organized by the International Association of Women in Radio and Television, India in Collaboration with Freidrich-Ebert-Stiftung, India.

- 24.03.2023: Presented a paper entitled ‘OTT in Education and the NEP 2020: The Rise and Significance of Online Learning Apps in India’ at the National Conference of Azadi Ka Amrit Mahotsav: NEP 2020 And Paradigm Shift in Indian Education organized by Guru Gobind Singh Indraprastha University, Delhi in collaboration with Indian Council of Social Science Research, Ministry of Education, Government of India.

Apratim Bhattacharya

- 09.01.2023: Presented a paper online entitled “Dissemination of Misinformation on Queerphobia through Facebook in India”, jointly presented with CJMC scholar Lokesh Chakma at the ‘IAMCR Presidential PhD. Research Webinar-Media Literacy: A Critical Pedagogy in Difficult Times of War, Pandemic, and Beyond’ organized by the International Association for Media and Communication Research.
- 26.05.2022: Conducted a workshop on “Audio-Visual Editing” in CJMC, Visva-Bharati, for MA Semester II students.
- 30.05.2022: Conducted a workshop on 'Debunking Fake News' in CJMC, Visva-Bharati, for MA Semester II students.
- 28.06.2022-29.06.2022 Conducted a two-day workshop on ‘Introduction to Media Ethics’ and ‘Interplay of Law and Ethics in Media’ for the CJMC, Visva-Bharati, MA Semester II students.
- 23.09.2022: Presented a paper titled ‘Leveraging Instagram for furthering queer rights movement’ at the National Conclave on the theme ‘Digital is the New Mainstream’ at Sister Nivedita University, Kolkata.
- 23.09.2022: Presented a paper titled ‘Youth in Politics: Social Media as Key Motivator’ at the National Conclave on the theme ‘Digital is the New Mainstream’ at Sister Nivedita University, Kolkata.
- 25.11.2022 Conducted a workshop along with supervisor Dr Mausumi Bhattacharya, titled ‘Communication Research Proposal Outline - Session I’ for the MA semester III students at CJMC, Visva-Bharati.
- 11.01.2023: Presented a paper titled "Decoding Chutney, a 2016 short film: Semiotic analysis of mise-en-scene elements." in the national seminar titled “Cinema Without Borders, Motion Pictures from California to Calcutta.” Organized by CJMC, Visva-Bharati.

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- 12.01.2023: Conducted a workshop on 'Photoshop Software for Photo Editing', organized by CJMC, Visva-Bharati.
- 9.03.2023: Shot, edited and developed the 'Central Library Virtual Tour' as an extension activity of CJMC, which was inaugurated by Honourable Vice Chancellor, Visva-Bharati on March 9, 2023 at the Central Library Conference Hall during International Women's Day celebration.
- 17.03.2023: Participated in a roundtable discussion on 'Gender & Climate Change Intersectionalities' organized by the International Association of Women in Radio and Television, India, in Collaboration with Freidrich-Ebert-Stiftung, India, at India International Centre, New Delhi.
- 24.03.2023: Presented a paper titled 'Developing cultural inclusion in NEP 2020 and integration of interdisciplinary education' at the National Conference of Azadi Ka Amrit Mahotsav: NEP 2020 And Paradigm Shift in Indian Education organized by Guru Gobind Singh Indraprastha University, Delhi, in collaboration with Indian Council of Social Science Research, Ministry of Education, Government of India.

Sabyasachi Bhattacharjee

- 23.09.2022: Presented a paper entitled 'Virtual group Communication and Health care services: The WhatsApp way' in the National Conclave on the theme 'Digital is the New Mainstream' organized by Sister Nivedita University, Kolkata.

Biraj Narayan Roy

- 13.02.2023 – 14.02.2023: Joint Convener, National Level Seminar on 'India at 75: Looking Behind and Beyond' organized by Department of Political Science, Acharya Brojendra Nath Seal Collage, Coochbehar, West Bengal in collaboration with Central Bureau of Communication, Ministry of Information & Broadcasting, Govt. of India.

Extension activities/NSS/Cultural and other activities organized by the Department and participated by the Teachers and students of the Department.

The Department organized various cultural activities, extension activities and other co-curricular and extra-curricular activities on regular basis throughout the academic year as follows:

- 13.02.2023. The students of Audio-Visual specialization of M. A. Semester IV prepared multimedia coverage of a lecture on “The Mahabharata in Costa Rica: From Bookstores to Classrooms and Beyond” delivered by Dr. Roberto Morales Harley, Director Department of Classical Philology, University of Costa Rica organized by The Centre for Comparative Literature, Bhasha Bhavana in association with the Embassy of the Republic of Costa Rica in India, as extension activity of the Department.
- 20.02.2023. The students of Audio-Visual specialization of M. A. Semester IV prepared multimedia coverage of a talk by Rodolfo de Gracia Reynaldo, Author and Member- Secretary Panamanian Academy of Languages on "Coordinates of the Poetry of Rogelio Sinan: An Approach to the Verses of the Master" organized by The Centre for Comparative Literature in association with the Indian Council for Cultural Relations (ICCR) and Embassy of the Republic of Panama, as extension activity of the Department.
- 09.03.2023. CJMC research scholar and students developed the ‘Central Library Virtual Tour’ as an extension activity, which was inaugurated by Honourable Vice Chancellor, Visva-Bharati at the Central Library Conference Hall during International Women's Day celebration.
- 26.05.2022-27.05.2022. Photography Exhibition on Dualism, with photographs by the students of Communication Design specialization, M. A. Semester IV, CJMC, organized & curated by Dr Surhita Basu.
- 20.7.2022. Film Screenings of Audio-Visual Productions, coordinated by Dr Arpan Paul.
- 25.09.2022. Departmental stall in University fair Anandabazar with departmental magazine publication and photo works for sale, coordinated by Dr Surhita Basu.
- 17.11.2022. Departmental Potluck, participated and organized by the Students, Alumni, Faculty & Staff of CJMC.
- 18.11.2022. Film Screening by Departmental Film Club: Children of Heaven, coordinated by Dr Mausumi Bhattacharyya.
- 25.11.2022. Film Screening by Departmental Film Club: The Salt of the Earth, coordinated by Dr Mausumi Bhattacharyya.
- 02.12.2022. Film Screening by Departmental Film Club: The Pianist, coordinated by Dr Mausumi Bhattacharyya & Dr Arpan Paul.

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- 09.12.2022. Film Screening by Departmental Film Club: Cinema Paradiso, coordinated by Dr Mausumi Bhattacharyya & Dr Arpan Paul.
- 16.12.2022. Film Screening by Departmental Film Club: The Red Balloon, coordinated by Dr. Mausumi Bhattacharyya & Dr. Arpan Paul.
- 16.12.2022. Launch event & Reading session of Departmental Story Club and Book Reading Session: Children of Other Worlds: Exploitation in the Global Market by Jeremy Seabrook, coordinated by Dr. Mausumi Bhattacharyya.
- 21.11.2022. Students' Debate on the motion titled "In the present times, journalism in being controlled or driven by the market", coordinated by Dr. Surhita Basu.
- 21.12.2022. Special session on Audio Magazine "Golpo Holeo Sottiyi" made by CJMC M. A. students, coordinated by Dr Arpan Paul.
- 10.01.2023- 11.01.2023. Photography Exhibition on Cine-Chhobi with photographs contributed by the students, scholars and alumni of CJMC, organized & curated by Dr. Surhita Basu under the activity of Photography Club.
- 30.03.2023. Film Screening by Gender & Media specialization students of M. A. Semester IV, CJMC in collaboration with Departmental Film Club, Orlando, coordinated by Dr. Mausumi Bhattacharyya, Dr. Sanhita Chatterjee & Dr. Arpan Paul.
- 08.03.2023. Film Screening by Gender & Media specialization students of M. A. Semester IV in collaboration with Departmental Film Club: The Great Indian Kitchen, coordinated by Dr. Mausumi Bhattacharyya, Dr Sanhita Chatterjee & Dr. Arpan Paul.

Academic distinctions gained by Teachers/ Scholars or the Department as a whole (Like recognition as Department of Special Assistance (D.S.A.) or Centre for Advanced Studies (C.A.S.), etc.)

Sanhita Chatterjee

- May 2022: Award of Ph.D Degree from University of Essex (UK).

Surhita Basu

- July, 2022: Dr Surhita Basu, Assistant Professor, CJMC has been offered work as Principal Investigator for a research study on the 'Educational Emergency in the Media in India' with proposed funding of one lakh rupees by VMFT Foundation based in Kerala, India.

Departmental Publication:

- Department regularly maintains publication of departmental Lab Journal, Visva-Bharati Chronicle along with maintaining online news blog publications for regular class activities.

Biplab Loha Choudhury

Book Chapters

- Loha Choudhury,B.(2023). “A Journey to Closure in Communication Studies and the Primer. In GRTF-New Delhi Publishers Book Series publication *A Primer on Indian Communication Thought*.New Delhi.New Delhi Publishers,ISBN:9789393878816.
- Loha Choudhury,B.(2022). “Gandhi Babu Epitomises Civilisational Continuity Through Peace”, GRTF-New Delhi Publishers Book Series publication *Pathways to Global Transformation Conversations with Babu*. New Delhi, New Delhi Publishers,ISBN:9789393878908.

Research Articles

- Loha Chowdhury, B. et al, (2023). “Environmental Information Policy India feed Pro-Environment Industry Operation: A case Study of EIA Report on Proposed Integrated Steel Complex Site, Halakundi, Karnataka”, *Macromolecular Symposia* 2023,407, DOI:10.1002/masy.202200078, Wiley-VCH GmbH.
- Loha Chowdhury, B. (2022). “Missing Education’s Search for Knowhow to Peace Through an Old Paradigm (Editorial) , *International Journal of Peace Education and Development*, *IJPED*: 10(01), DOI:10.30954/2454-9525.01.2022.1.
- Loha Chowdhury,B.(2022). “To Ensure that the Present ‘is not an era of war’(Editorial), *International Journal of Peace Education and Development*, *IJPED*: 10(02).

Masumi Bhattacharyya

Book Chapter

- Bhattacharyya, M. (2022). “Gender and Development Reporting: Sensitizing Aspiring Journalists”, *Development Journalism - Issues, Challenges and*

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Directions, (In S. Sur & U. Pandey (Eds.), 385-389). Kolkata, India: Unique Book International.

- Bhattacharyya, M. (2022). “Strengthening and expanding mobile-enabled digital economy in South Asia”. *JMC Media Buzz Publication of Fall-2022*, 14-16. Department of Journalism, Media and Communication. Dhaka: Daffodil International University.

Research Articles

- Bhattacharyya, M. (2022). “Harnessing Power of New Media For Preserving Folk Culture Approaches In The Santhali Context”. *Global Media Journal-Indian Edition*, 14(1). <https://gmj.manipal.edu/issues/July2022/Harnessing%20Power%20of%20New%20Media%20For%20Preserving%20Folk%20Culture.pdf>

Sanhita Chatterjee

- Chatterjee, S. (2022). “Conflicting Ideals and Practices: Gender, Marriage and Norms within the Urban Middle Classes in Contemporary India” (Doctoral dissertation, University of Essex). ISNI:0000 0005 0742 388X

Surhita Basu

- Basu, S. (2022). “Social media: A game changer for media”, *New media (Media content production on multiple platform*, (In K. S. Kusuma (Ed.), 69–80). Arshia Publications. ISBN-10 : 9393998604, ISBN-13 : 978-9393998606

Designing New Course/Curriculum:

The revised postgraduate 'Communication and Journalism' programme offered by Visva-Bharati in Santiniketan, India, passed in the Visva-Bharati Academic Council meeting held on 17th February, 2023, is a unique programme that combines modernity and tradition effortlessly and encompasses all aspects of media and communication studies.

The programme is designed to provide students with the essential knowledge and skills needed to flourish in the rapidly evolving media and communication world. It offers a wide range of communication-related topics, such as media management, media ethics, media law, media research, gender studies, queer studies, international communication, and emerging media technologies. Students receive extensive

instruction in various facets of media production, including writing, reporting, editing, photography, videography, and digital media.

The programme's emphasis on tradition and culture is one distinguishing characteristic that sets it apart from other programmes. The curriculum includes the study of classical Indian languages, literature, and art forms, the history and development of Indian media, and Indian communication thoughts. Students are encouraged to think critically and creatively about the media and its impact on society, while traditional media forms are preserved and promoted.

Additionally, the programme ensures that all contemporary aspects of media and communication studies are adequately addressed, exposing students to the most recent trends and developments in media and communication, such as digital media, social media, and new media technologies. The programme aims to produce graduates who are well-rounded, adaptable, and capable of traversing the constantly shifting media landscape.

The programme prepares learners for a variety of media-related professions, including those in media organizations, advertising agencies, public relations firms, and other related fields. They possess the necessary knowledge, skills, and values to succeed in a global media environment while preserving India's unique cultural heritage. The course also incorporates rigorous research practices through semester long dissertation preparation. The course also includes self-initiated compulsory internships for giving the students exposure to industry working process and atmosphere. Further the course encourages entrepreneurship through incubation and self-initiated project work as part of the course-work.

Teaching innovations

- The approach of teaching the Communication Theory & Practice paper, is being done, in a holistic pedagogy, by Prof. BiplabLoha Choudhury
- Performative-based learning and evaluation is being implemented as part of teaching Personality Development by Dr Mausumi Bhattacharyya
- Apart from organizing open space classes, exhibition of students' coursework outputs, students seminars, in-class students' debate sessions as part of teaching-learning-evaluation procedure, Dr Surhita Basu has been using application-based evaluative method incorporating multi-media elements for regular assessments to develop critical thinking, analytical skill and problem-solving aptitude among the

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students. Along with using moodle e-Learning platform for sharing wide range of resources in extension of class discussions, Dr Basu has also been encouraging students to develop theoretical depth through class and assessment exercises on practical applications of existing theories and innovative theoretical formulations.

- Dr. Arpan Paul has incorporated the means to enhance the creative dimension of students through various activities within and outside the classroom environment as a part of enhancing innovative approach of teaching. Apart from organizing multimedia presentations that develop critical thinking and increase communication skills, practical based tasks are carried out to bridge the gap between theoretical aspects and its realistic application.

Any relevant information:

International Collaboration:

- Centre for Journalism and Mass Communication (CJMC) has started its collaboration with the Institute for International Journalism (IIJ), Ohio University, USA from September, 2022 onwards. The academic collaboration includes workshops, special lectures, training programmes etc.

Students' Placement and Internship details of CJMC:

- Sanchari Pan, Marketing Executive in Dreamz Krraft - The Wedding Company since 13.10.2022.
- Rahma Anwar Hossain, Policy Associate in Pi Consulting, India since 01.12.2022
- Sulagna Maitra, Program coordinator and Field officer in Jana Sanskriti Centre for Theatre of the Oppressed, India since 15.02.2023.
- Debarshee Samanta, Debarshee Samantax in StratComm Consulting since 09.01.2023
- Sayak Mondal, Video Editor & Motion Graphics Designer in Brandstory since 24.04.2023
- Chandreyee Dasgupta, Content writer in Werizon Group of companies since 17.10.2022
- Anasriya Talukdar, Reporter in Protidiner Bangladesh since 15.11.2022
- Shaibalina Choudhury, Content Writer in Pinkvilla since 02.02.2023
- Disha Chatterjee, Assistant Marketing associate in No Nirvana Digital 01.09.2022

- Moumita Maji, Content Writer and Digital Analyst in Bengal Web Solution since 21.09.2022
- Ritushree Samanta, Junior Digital Marketing Executive in Emami Frank Ross Pharmacy since 07.01.2023
- Bappaditya Das, Content Writer in The Sahaj Path from 03.09.2022-04.01.2023
- Bristhy Bhandary, Journalist in Anandabazar Online since 01.01.2022
- Sagar Mohapatra, Event & Production Coordinator in Federation of Indian Chamber of commerce & industry since September, 2022
- Ankita Batabyal, Directorial Team - Non Fiction in Zee Bangla since 02.01.2023
- Priyanka Bhowmick, Content Writer & Digital Analyst in Nb Marks since 09.09.2022
- Sagar Kar, Content Writer and Social Media Manager(Part-time) in Coceptual Media for January & February, 2023

Field projects:

- Continuous field-visits to Lohagarh and Chakpali village for the students of M. A. Semester IV Rural Communication specialization and Ph.D scholars for rural situation appreciation and Chakpali for first Information Survey and Information Gap Elimination Meet Series meets, coordinated by Prof.BiplabLohaChoudhury, organized on 24th February and on 8th, 11th, 15th and 16th March, 2023
- Field-visit to Sian Sahajpur Mahalipara village for the students of M. A. Semester III as part of Development Communication course, coordinated by Prof.Biplab Loha Choudhury, organized on 20th January, 2023

Other relevant mentions (faculty):

- Prof. Biplab Loha Choudhury has been selected unanimously as First Chairperson of Nation Communication Congress, the apex body for holding Indian Communication Congress annual sessions every year during National Media Conclave in Bhubaneswar in November, 2022.
- Prof. Biplab Loha Choudhury has been nominated as the Editor-in Chief (2022-2023), International Journal of Peace Education and Development, an international Peer-reviewed Journal.
- Dr. Mausumi Bhattacharyya has been nominated as a member of the Advisory

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Board of the Department of Media Science & Journalism of Brainware University, Kolkata, West Bengal.

- Dr. Mausumi Bhattacharyya has been nominated as the member of Board of Studies, the Department of Journalism and Mass Communication, Swami Vivekananda University, West Bengal.
- Dr. Mausumi Bhattacharyya is continuing to serve as the subject expert in the syllabus committee and PG BoS member of the newly formed Journalism and Mass Communication Department, Sidho Kanho Birsa University, Purulia, West Bengal.
- Dr. Mausumi Bhattacharyya has been the Member, International Association of Women in Radio and Television (IAWRT).

WOMEN'S STUDIES CENTRE

National and International standard Conference/Seminar/Workshop/Exhibition etc.:

Tanushree Paul

- 14.03.2023. Delivered an invited Keynote lecture entitled “Women and Technology: Concerns, Strengths, Opportunities, organized by Mankar College, Burdwan, India.

Publications

Book Chapter

- Paul, T.& Bhowmick,T. (2022). “The politics of gendered place-making through urban planning: A case study of Rajarhat, New Town, India, Gender and the Indian city”. *Gender and the Indian City*. (Ed): Madhavi Desai), 27-55, New Delhi: South Asia Press, [ISBN: 978-81-9502-048-5].

Research Article

- Paul, T.& Dutta,S. (2023). “Mobile Phone and Rural Women in South Asia And Africa: Systematic Review”, Tanusree Paul. *Gender, Technology and Development*, 1-23. doi.org/10.1080/09718524.2022.2161127
- Paul, T.& Karmakar,S. (2022). “Domestic Violence against Women in India: Does Empowerment Matter?”, *Journal of Asian and African Studies*, 1-22. <https://doi.org/10.1177/00219096221143123>

Other relevant information,

Dr. Tanusree Paul contributed a chapter titled “Women in Labour Market” as part of the Undergraduate Degree Programme Curriculum for Sociology (Honours) (Subject: Sociology of Gender and Sexuality) offered by the Netaji Subhash Open University.

- The UGC during the XIth Plan took a major initiative to create departments of Women’s Studies in educational institutions all-over India to generate awareness and facilitate empowerment of women through education, research and targeted interventions. The Women’s Studies Centre, a product of this initiative, at Visva-Bharati was established in July 2009.

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- The Women's Studies Centre at Visva-Bharati focuses on interdisciplinary research on gender and development. The centre also tries to organize extension work on women and gender questions which has a strong link with the research taken up in the Department. Some of the thrust areas of research at the centre are the following: Gendered dimension of development in India: question of education and health, violence against women, the question of agency and policy issues; Girl children in the light of broader developmental goals of India and South Asia, Labour market choices of women and the constrained optimums; Women and conflict and the inside-outside dichotomy and the concept of domesticity. Gender questions are global. We believe that understanding of gender relations is essential to comprehend the contemporary world which in turn is contingent upon the intricate interplay of social, cultural, political and economic factors determined in the past. Gender relations cut across multiple categories such as class, caste, religion and ethnicity. Without an interdisciplinary approach, thus, this analysis is not possible. Thus the Centre draws its membership from across the disciplines of academics inside and outside the university.
- The primary aim of the Centre is to explore the gendered nature of social processes focusing on development questions. The research and teaching at the Centre combine theory and practice with an interdisciplinary and transnational scope. The Centre aims at contributing to theoretical, methodological and pedagogical debates within the study of power dynamics embedded in gender relations in the context of development. In particular, the objectives of the Centre can be broadly classified under two major themes: academic and applied. The Centre offers a regular integrated M.Phil/Ph.D programme on Gender and Development. The M.Phil course is structured in a way that will not only enable a student to do good research for her/his Ph.D but also make them equipped to take up jobs in the development sector.

EDUCATION

National and International standard Conference /Seminar Workshop/ Exhibition etc. :

Shilpi Ghosh

- 28.11.2022 -30. 12.2022. Delivered an invited lecture and presented a paper entitled “Biodiversity: The Mental Health Booster for Children and Adolescents” in the International Conference on ‘Challenges and Issues of Global Mental Health and Public Health for the 21st Century’ organized by the National Association of Mental Health and Allied Health Foundation and Capital Institute of Management & Science, Bhubaneswar, India.

Prosenjit Saha

- 01.12.2022 – 02.12.2022. Delivered an invited lecture and presented a paper entitled “Chinese as a School Subject in India: Challenges and Prospects” in the National Seminar on “India China Relations and the way forward” organized by Department of Chinese Language and Culture (Cheena Bhavana), Visva-Bharati.

Individual Publication:

Prosenjit Saha

Book Chapter

- Saha, P. (2022). “Educational Ideas of Rabindranath Tagore and Jiddu Krishnamurti: A Study *Education in Transition: Mirroring 21st Century*”. (S. Sen and B.Saha –Eds.), 52-63. Crescent Publication, New Delhi. ISBN No: 978-93-91771-51-5.
- Saha, P. (2022). “Crime in Society: A Deterrent of Development”. *Portrait of Society-Collected Thoughts*, (In B.Saha and A. Adhakari (Eds)),89-104. Crescent Publication, New Delhi. ISBN No: 978-93-91771-2.
- Saha, P. (2023). “Peace, Value and Rabindranath Tagore’s Educational Practices”, *Pacifism: Fostering Peace and Value*, (B.Saha and A. Adhakari (Eds)), 89-104. Crescent Publication, New Delhi. ISBN No: 978-93-91771-2.

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Research Paper

- Saha, P. (2022). "Journey of Adult Education in India: A Study in Education India". *A Quarterly Referred Journal of Dialogues on Education*. 11(2), 1-8.
- Saha, P. (2022). "Inclusive Education and Educational Policies in India with special emphasis on National Educational Policy 2020: A Study in IRA". *Journal of Humanities and Social Science*. 3 (2), 95-99, DOI- 10.4731iarjhss.2022.vo31.02.14.
- Saha, P. (2023). "VENTEL: An attempt of transforming rural India", *International Journal for Multidisciplinary Research*. 4(6),1-9. DOI: 10.36948/ijfmr.2022.vo4i06.1016.

Shilpi Ghosh

Research Paper

- Ghosh, S. (2022). "Journey from Seclusion to Inclusion: Development of Mental Health Services in India since Independence". *Indian Journal of Biochemistry & Biophysics*, 59(5), 575-579. [http://doi.org/ 10.56042/ijbb.v.59i5.61610](http://doi.org/10.56042/ijbb.v.59i5.61610).
- Abbasi, N. & Ghosh, S. (2022). "Alleviate Examination Anxiety and conserve Mental Health of the Adolescent Students: the future of the nation". *Indian Journal of Biochemistry and Biophysics*, 59(11), 1081-1087. [http://doi.org/ 10.56042/ijbb.v59i11.66948](http://doi.org/10.56042/ijbb.v59i11.66948)

SIKSHA-BHAVANA *(Institute of Science)*

Siksha-Bhavana (Institute of Science) was originally an under-graduate college for teaching Humanities subjects, which during 1961-1963 was expanded to include in its curriculum B.Sc. (Honours) courses in Mathematics, Chemistry, Physics, Zoology and Botany. The M.Sc. programme in these subjects were introduced during 1963-1964. Finally, due to reorganization of the courses of studies in the Humanities and Science subjects, all Departments teaching undergraduate and postgraduate courses in Sciences were brought under Siksha-Bhavana.

Siksha-Bhavana consists of nine Departments viz., Chemistry, Mathematics, Physics, Botany, Zoology, Statistics, Computer and System Sciences, Biotechnology and Environmental Studies, as well as two Centres viz., Integrated Science Education and Research Centre and Centre for Mathematics Education. All these run both teaching and research programme and have been awarding three-year B.Sc. (Honours) degree in seven subjects, two-year M.Sc. degree in nine subjects, five-year integrated M.Sc. degree in one discipline as well as Ph.D. degrees in all the aforementioned subjects.

The mission of the Bhavana through all its teaching and learning programmes is to provide quality education to inculcate values in the students, make them knowledgeable and ultimately good human beings and in the process, enable them to achieve academic excellence, gain access to multiple career opportunities in higher education and research at par with other institutions of eminence. Siksha-Bhavana as a component of Visva-Bharati envisions space where knowledge could be viewed in a different frame supportive of holistic human and social development.

The Department of Zoology has been awarded the Centre for Advanced Study programme of the UGC and COSIST grant for improvement of infrastructural facilities. DST has awarded FIST grant to the Departments of Zoology, Chemistry, Mathematics, Physics, Botany, Environmental Studies, Biotechnology and Integrated Science Education and Research Centre. The Departments of Mathematics, Chemistry and Botany were awarded with Special Assistance Programme (SAP) of UGC. The Department of Mathematics has been receiving NBHM Library grants since 1990s. Four faculty members are included in Stanford 2% scientist in this period.

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During the period under consideration departmental intake capacity has increased by more than 10% over the previous strength. Programme modification has been made almost regularly. Departments of Biotechnology and Botany have courses offering employability/ entrepreneurship. Departments of Botany, Zoology, Environmental Science and Biotechnology offer field projects within the curriculum. The curriculum of all programmes is so framed that the students have well-grounded knowledge in the subject of their study such that they are equipped for better careers in academics, both in teaching and research. The university has an Optical fibre network campus which has recently been made Wi-Fi enabled. Siksha-Bhavana has Auditoriums, multiple Conference and Seminar halls and a Canteen.

The Departments under Siksha-Bhavana are striving to carry forward a rich legacy of scientific research. All the faculty members are involved in active research at par with international standard. They are continuously trying to instill scientific temper among their research scholars, many of whom are joining institutions of repute in their future academic careers. Departments have considerably good infrastructure facilities catering to the interests of all stake-holders. All Departments are equipped with considerable ICT facilities, research laboratories with high grade equipments, seminar halls and internet facilities. A significant number of teachers have been running projects supported by different funding agencies, and that have contributed significantly to the infrastructural development.

The faculty profile of Siksha Bhavana is mention worthy. Faculty members have earned national and international recognition through high quality research and collaboration work. One faculty member received the prestigious INSA teacher award. Four faculty members were included in the Stanford list of 2% best scientist in the period under consideration. Faculty members here are associated regularly with academic exchanges with scholars in other institutions of excellence. Apart from research, faculty members are also busy with considerable amount of teaching assignments. On an average, each undertakes at least twelve hours of teaching on a weekly basis in a semester. Teachers are also actively engaged in preparing students for various competitive examinations like NET, GATE, SET, NBHM that equip them for higher studies and careers in the academic world. More than 30% of faculty, on an average, handle sponsored projects.

Faculty members are committed towards teaching and research work. They share very close bonds with all their students, and take active interest in mentoring their

students for future. There are a formidable number of research students. Individual and departmental research schemes generate more than 900 lakhs in extra-mural research funding. Publishing in reputed journals is a habit of the teachers, and the quality of publication is worthy of mention. Existing instrument facility is satisfactory. Siksha-Bhavana has a fully automated sectional library. A few good departmental libraries are also there for science faculties and students. The number of awarded Ph.D. degree per annum is also significant.

Considering the expertise of faculty members across departments and centres as well as the available infrastructure there is an ample scope for introduction of more courses for employment and entrepreneurship generation.

DEPARTMENT OF PHYSICS

Name of the students qualified in NET(UGC/CSIR/ICAR)/SET and GATE Examinations.

- **CSIR-UGC NET:** Gopinath Guin, Arannya Ghosh, Nutan Das, Suman Mandal
- **GATE:** Arghya Ghosh, Bhaskar Sarkar, Dilip Murmu, Gopinath Guin, Epsit Paul, Pritisa Chand, Priyadarshini Tamang

Departmental Seminar (Speakers, Title of the Seminar, Date)

- 14.09.2022-15.09.2022. Dr. Jaydeep Chakraborty from Indian Institute of Technology, Kanpur delivered two lectures on "Symmetries in Physics " in the Departmental Seminar Program.
- 20.05.2022. Prof. Subir Sarkar from Rudolf Peierls Centre for Theoretical Physics, University of Oxford, Clarendon Laboratory, UK delivered a Colloquium on "Connecting Inner Space and Outer Space " in the Departmental Seminar Program.
- 06.03.2023. Dr. Suman Sarkar from Department of Physics, Indian Institute of Technology, Kharagpur delivered a talk on “Identification of Grand-design and Flocculent Spirals using Machine learning” in the Departmental Seminar Program.
- 12.04.2022. Dr. Sumanta Chakraborty from School of Physical Sciences, Indian Association for the Cultivation of Science (IACS), Kolkata delivered a Colloquium on “On the shoulder of black holes” in the Departmental Seminar program.

National and International standard Conference/Seminar/Workshop/Exhibition etc.:

Faculty members:

Ashis Bhattacharjee

- 17.02.2023-18.02.2023. Delivered an invited talk at the International Conference on Recent Trends in Physics, organized by Department of Physics, Devi Ahilya University, Indore.
- 09.09.2022-10.09.2022. Worked as the Member, Organizing Committee for the International Conference on Frontier Areas of Science & Technology, organized by University of Hyderabad & IJAA.

Biswajit Pandey

- 13.12.2022-14.12.2022. Worked as the convener in organizing the International Workshop on “Galaxy Formation and Evolution Across the Cosmic Time” (GFEACT-2022) at the Department of Physics, Visva-Bharati. Workshop webpage: <https://sites.google.com/view/gfeact-2022/home>
- 24.10.2022. Delivered an invited seminar (online) at the Department of Astronomy, Universidad Nacional de Cordoba, Argentina.

Sudipta Das

- 16.05.2022-28.05.2022. Organized the first IAGRG school on gravitation and cosmology in ONLINE mode (Host Institutions: IIT Gandhinagar and CMI, Chennai)
- 04.07.2022-14.07.2022. Presented a paper at the International Conference “Cosmology from Home 2022” held in online mode.
- 22.09.2022-24.09.2022. Chaired a session at the International Conference on Advanced Physics (IEMPHYS-22) held at IEM Kolkata.
- 22.10.2022. Delivered an invited talk at the Cosmology Group Meet at the Department of Physics, IIT Madras.
- 19.12.2022-21.12.2022. Chaired the Cosmology session at the 32nd meeting of Indian Association for General Relativity and Gravitation (IAGRG32) held at IISER-Kolkata.
- 13.03.2023-18.03.2023. Delivered a talk in the program “Less Travelled Path to the Dark Universe” held at ICTS-TIFR, Bengaluru, India.

Amitava Bandyopadhyay

- 09.09.2022-10.09.2022. Presented a poster entitled “Three-photon transition in a four-level atomic system” in the 12th India-Japan Science and Technology Conclave: International Conference on Frontier Areas of Science and Technology (ICFAST-2022) at University of Hyderabad, C.R. Rao Road, Gachibowli, Hyderabad-500046.

Research Scholars

- 21.11.2022-23.11.2022. Apashanka Das made an oral presentation (in online mode) entitled “On the origin of red spirals: does assembly bias play a role?” at the conference “Challenges and Innovations in Computational Astrophysics IV”.
- 17.02.2023-18.02.2023. Bharat Kharpuse made a poster presentation entitled “Shell Model Description of Octupole Correlation in ^{66}Zn and $^{66,68}\text{Ge}$ ” at the International conference on recent trends in physics, IC RTP- 2023 held at DAVV, Indore.
- 15.03.2023-16.03.2023. Supriyo Ghosh made an oral presentation entitled “Exact solutions of a class of Vector Non-local Nonlinear Schrodinger Equation with time dependent balanced loss and gain” at the International Conference on "Recent Trends in Physics and Allied Sciences" held at Banwarilal Bhalotia College, Asansol.
- 09.09.2022-10.09.2022. Supriyo Ghosh made a poster presentation entitled “Non-linear Schrödinger equation with time-dependent balanced loss-gain and space-time modulated non-linear interaction” at the International Conference on Frontier Areas of Science and Technology (ICFAST 2022) held at University of Hyderabad, Hyderabad.
- 09.09.2022-10.09.2022. Puspendu Roy made a poster presentation entitled “Complex dynamical properties of coupled Van der Pol-Duffing oscillators with balanced loss and gain” at the International Conference on Frontier Areas of Science and Technology (ICFAST 2022) held at University of Hyderabad, Hyderabad.
- 19.12.2022-21.12.2022. Priyanka Adhikary made an oral presentation entitled “Cosmological dynamics of non-zero Barrow Holographic Dark Energy” at the IAGRG32 conference held at IISER, Kolkata.
- 13.12.2022-14.12.2022. Priyanka Adhikary made an oral presentation entitled “Tracers of cosmological evolution of the non-zero curvature universe with Barrow Holographic Dark Energy” at the GFEACT2022 conference held at the Department of Physics, Visva-Bharati.
- 15.03.2023-16.03.2023. Soumyadip Barman made an oral presentation entitled “Understanding QCD from studies of jet substructure variables at the LHC” at the International Conference On Recent Trends in Physics and Allied Sciences (RTPAS-2023) held at Banwarilal Bhalotia College, Asansol.

- 19.12.2022-21.12.2022. Sangita Goswami made a poster presentation entitled “Quintessence or phantom: study of scalar field dark energy models through a general parametrization of Hubble parameter” at the 32nd meeting of Indian Association for General Relativity and Gravitation (IAGRG) 2022.
- 23.06.2022-25.06.2022. Sangita Goswami made an oral presentation (online mode) entitled “A new parametrization of Hubble parameter for scalar field dark energy models” at the 1st International Conference on Recent Advances in Mathematical Science and Interdisciplinary Areas (RAMSIA-2022), organized by Department of Mathematics GLA University, Mathura (U.P).
- 09.01.2023-10.01.2023. Soumen Das made an oral presentation entitled “On the Entanglement” at the Science Congress held at Bankura University, Bankura, West Bengal.
- 09.01.2023-10.01.2023. Soumya Kanti Roy made an oral presentation entitled “Characterization of the parameters of the rotating blackhole metric and determination of Hawking type radiation by semi- classical approach” at the 5th Regional Science and Technology Congress held at Bankura University.
- 09.09.2022-10.09.2022. Manisha Chakraborty made a poster presentation entitled “Effect of Reaction Atmosphere on the Reaction Kinetics of Thermal Decomposition of 1-Ferrocenyl Ethanol” at the International Conference on Frontier Areas of Science and Technology (ICFAST-2022) held at the University of Hyderabad.
- 18.12.2022-22.12.2022. Manisha Chakraborty made a poster presentation entitled “Thermal Synthesis of Hematite Nanoparticles using Ferrocene Carboxaldehyde: Structure, Morphology and Reaction Kinetic Studies” at the DAE-SSPS 2022 conference held at BIT Mesra.
- 09.01.2023-10.01.2023. Manisha Chakraborty made an oral presentation entitled “Synthesis of Maghemite Nanoparticles via Thermal Decomposition of Acetyl Ferrocene in Oxidative Atmosphere” at the 5th Regional Science and Technology Congress 2022-23 held at Bankura University, Bankura, West Bengal.
- 09.09.2022-10.09.2022. Surajit Goldar made a poster presentation entitled “Probe response characteristics of a twelve-level atomic system under cascade configuration” at the International Conference on Frontier Areas of Science and Technology (ICFAST-2022) held at Hyderabad University.

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- 09.01.2023-10.01.2023. Surajit Goldar made an oral presentation entitled “ EIT in multi-level cascade type system” at the 5th Regional Science and Technology Congress 2022-23 held at Bankura University, Bankura, West Bengal.
- 01.12.2022-05.12.2022. A.K. Mondal made a poster presentation entitled “Yrast Spectroscopy of ^{77}As ” at the 66th DAE Symposium on Nuclear Physics held at Cotton University, Guwahati, Assam.
- 01.12.2022-05.12.2022. R. Shil made a poster presentation entitled “Collective enhancement of nuclear level density in ^{162}Ho ” at the 66th DAE Symposium on Nuclear Physics held at Cotton University, Guwahati, Assam.
- 01.12.2022-05.12.2022. Aniruddha Dey made an oral presentation entitled “Investigation of possible multi-modal fission modes in $^{235}\text{U}(n_{th},f)$ following fission fragment spectroscopy” at the 66th DAE Symposium on Nuclear Physics held at Cotton University, Guwahati, Assam.
- 09.09.2022-10.09.2022. Sani Kundu made a poster presentation at the International Conference on Frontier Areas of Science & Technology, organized by University of Hyderabad & IJAA.
- 18.12.2022-22.12.2022. Sani Kundu made a poster presentation at the 66th SSP-DAE Symposium organized by BIT Mesra, Ranchi.
- 09.01.2023-10.01.2023. Sani Kundu made an oral presentation at the 5th Regional Science & Technology Congress, organized by Bankura University & Department of Science and Technology and Bio-Technology, Govt. of West Bengal.
- 28.02.2023-01.03.2023 Sani Kundu made an oral presentation at the 30th West Bengal State Science & Technology Congress, organized by Department of Science and Technology and Bio-Technology, Govt. of West Bengal.
- 09.09.2022-10.09.2022. Toton Sarkar made a poster presentation at the International Conference on Frontier Areas of Science & Technology, organized by University of Hyderabad & IJAA.
- 18.12.2022-22.12.2022. Toton Sarkar made a poster presentation at the 66th SSP-DAE Symposium organized by BIT Mesra, Ranchi.
- 09.01.2023-10.01.2023 Toton Sarkar made an oral presentation at the 5th Regional Science & Technology Congress, organized by Bankura University & Department of Science and Technology and Bio-Technology, Govt. of West Bengal.

Ongoing Research Projects in the Department

- Name of the Teacher: Prof. Ashis Bhattacharjee
Name of the Project: ‘Single Molecule Magnets and Molecular Magnetic Coolers from Lanthanide-based Metal-Organic Framework Materials’ (Indo-Japan Collaborative Project under SPARC)
Sponsoring Agencies: Ministry of Education, Govt. of India
Amount Sanctioned: Rs. 49.58 Lacs
- Name of the Teacher: Dr. Biswajit Pandey
Name of the Project: “An information theory based study of the large-scale environmental dependence of galaxy properties in the Sloan Digital Sky Survey” (Project code: CRG/2019/001110)
Sponsoring Agencies: Science & Engineering Research Board (SERB), Department of Science & Technology, Government of India
Amount Sanctioned: Rs. 19,71,332/-
- Name of the Teacher: Dr. Anagha Chakraborty
Name of the Project: Study of nuclear level density as a function of angular momentum, temperature and unveiling the role of collectivity and shell structure
Sponsoring Agencies: UGC-DAE CSR, Kolkata
Amount Sanctioned: Funding of fellowship of one JRF for three years + Rs.1,35,000/- as grant under contingencies and consumables (under CRS scheme of UGC-DAE CSR, Kolkata)
- Name of the Teacher: Dr. Anagha Chakraborty
Name of the Project: Investigation of isospin and ground state deformation effects in the nuclear reactions involving rare earth nuclei (File Number: CRG/2021/004680)
Sponsoring Agencies: Science & Engineering Research Board (SERB)
Amount Sanctioned: Rs. 25,60,107/-
- Name of the Teacher: Dr. Anagha Chakraborty
Name of the Project: Search for coexistence of different shapes and excitation mechanisms in transitional nuclei (Project Code No. UFR-71344)

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Sponsoring Agencies: IUAC, New Delhi

Amount Sanctioned: Funding of fellowship of one JRF for three years + Rs.75,000/-as grant under contingencies (under UFR scheme of IUAC, New Delhi)

- Name of the Teacher: Dr. Buddhadev Mukherjee
Name of the Project: Lifetime Measurements of Excited States in ^{66}Zn and ^{66}Ga
Sponsoring Agencies: IUAC, New Delhi
Amount Sanctioned: Funding of fellowship of one JRF for three years + Rs.75,000/-as grant under contingencies (under UFR scheme of IUAC, New Delhi)
- Name of the Teacher: Dr. Buddhadev Mukherjee
Name of the Project: Lifetime Measurements of Excited States in ^{66}Zn and ^{66}Ga using Dopler Shift Attenuation Method (DSAM)
Sponsoring Agencies: Science &Engineering Research Board (SERB)
Amount Sanctioned: Rs. 20,87,272/-
- Name of the Teacher: Dr. Buddhadev Mukherjee
Name of the Project: Search of octupole collectivity in $^{62,64,66}\text{Zn}$ through α -induced measurements
Sponsoring Agencies: UGC-DAE CSR, Kolkata
Amount Sanctioned: Funding of fellowship of one JRF for three years + Rs.1,35,000/- as grant under contingencies and consumables (under CRS scheme of UGC-DAE CSR, Kolkata)

Academic distinctions gained by Teachers/Scholars or the Department as a whole (Like recognition as Department of Special Assistance (D.S.A) or Center for Advanced Studies (C.A.S.), etc.)

Faculty Members

Asmita Sengupta

Reviewer of Journal: *Journal of Elastomers and Plastics*, Sage Publication

Sudipta Das

- Serving as Editorial Board Member of the journal, *Current Indian Science* (Field: Astronomy and Astrophysics)

- Selected as visiting Associate of IUCAA for 3 years starting from August 1, 2020.
- Reviewer of Journals:
 - a. *Journal of Astrophysics and Astronomy*, Springer
 - b. *Pramana - Journal of Physics*, Springer
 - c. *Frontiers in Astronomy and Space Sciences*, section Cosmology
 - d. *General Relativity and Gravitation*, Springer

Research Scholars

Sani Kundu

- 09.01.2023-10.01.2023. Received Certificate of Merit for Outstanding Paper Presentation at 5th Regional Science & Technology Congress, organized by Bankura University & Department of Science and Technology and Bio-Technology, Govt. of West Bengal.

Soumen Mondal

- 09.01.2023-10.01.2023. Got awarded for the outstanding presentation in Regional Science Congress held at Bankura University.

Md Amir Sohel

- Received the offer for the position of Post Doctoral Researcher at Korea Advanced Institute of Science & Technology in March 2023.

Publications:

i. Other books

- Book Chapter: '*Advances in Materials Science Research*. Volume 55, Ed. Maryann C. Wythers (Nova Science Publishers Inc., USA, 2022). 'Ferrocene – Precursors for the Synthesis of Potentially Useful Iron Oxide Nanoparticles through Solid State Thermal Decomposition', Ashis Bhattacharjee, ISBN: 979-8-88697-213-9, Chapter 4.<https://novapublishers.com/shop/advances-in-materials-science-research-volume-55/>

Research Papers in Peer reviewed/Refereed/UGC-CARE/ICAR-NAAS listed journals:

- Bhattacharyya, K., Kalla, M., Sil, S., & Chatterjee, A. (2023). Spin-transport across a two-dimensional metal-semiconductor interface with infinite potential in presence of spin-orbit interactions: Double refraction and spin-filtering effect. *Micro and Nanostructures*, 207496.
- Sharma, H. K., Sil, S., & Chatterjee, A. (2022). Spin-Hall conductivity and Hall angle in a two-dimensional system with impurities in the presence of spin-orbit interactions. *Scientific Reports*, 12(1), 14201.
- Mukherjee, A., Nandy, A., Sil, S., & Chakrabarti, A. (2022). Tailoring flat bands and topological phases in a multistrand Creutz network. *Physical Review B*, 105(3), 035428.
- Kundu, S., Sarkar, T., Ghorai, G., Zubko, M., Sahoo, P. K., Weselski, M., ... & Bhattacharjee, A. (2023). Study on co-precursor driven solid state thermal conversion of iron (III) citrate to iron oxide nanomaterials. *Applied Physics A*, 129(4), 264.
- Chakraborty, M., Dey, A., & Bhattacharjee, A. (2022). Insights into the thermal decomposition of organometallic compound ferrocene carboxaldehyde as precursor for hematite nanoparticles synthesis. *Zeitschrift für Physikalische Chemie*, 236(9), 1137-1161.
- Roy, D., Zubko, M., Kusz, J., & Bhattacharjee, A. (2022). Effect of Substitution at the Di-and Trivalent Sites of $\{N [n-C_4H_9]_4\} FeII FeIII [C_2O_4]_3\}_\infty$ on the Nature of Solid State Decomposition Reaction Leading to Various Metal Oxides. *Current Physical Chemistry*, 12(3), 216-232.
- Pandey, B. (2022). Tomography of stellar halos: what does anisotropy in a stellar halo tell us?. *Journal of Cosmology and Astroparticle Physics*, 2022(10), 058.
- Sarkar, P., Pandey, B., & Sarkar, S. (2023). The maximum extent of the filaments and sheets in the cosmic web: an analysis of the SDSS DR17. *Monthly Notices of the Royal Astronomical Society*, 519(3), 3227-3236.
- Das, A., Pandey, B., & Sarkar, S. (2022). Galaxy interactions in filaments and sheets: effects of the large-scale structures versus the local density. *Research in Astronomy and Astrophysics*, 23, 025016.

- Kora, M., & Mandal, S. (2022). Dispersionless absorption, dispersionless emission, and two-photon dispersion in a double-lambda-type four-level system under Doppler-free condition. *The European Physical Journal Plus*, 137(1), 1-17.
- Bayen, D. K., & Mandal, S. (2022). The quantum phase fluctuation parameters of coherent light coupled to a Harmonically driven quartic anharmonic oscillator. *The European Physical Journal Plus*, 137(3), 315.
- Mandal, S., Kora, M., Bayen, D. K., & Saha, K. C. (2022). Correction: Exactly Solvable Model of Classical and Quantum Oscillators of Time Dependent Complex Frequencies: Squeezing Properties of Coherent Field. *Brazilian Journal of Physics*, 52(3), 77.
- Mukhopadhyay, A., & Mandal, S. (2022). Nonclassical and quantum phase properties in exciton induced exciton–vacuum field interaction. *The European Physical Journal Plus*, 137(7), 1-12.
- Sinha, T., Alam, M., Mukhopadhyay, A., Mandal, S., & Hassan, S. S. (2022). Nonclassical properties of a non-degenerate parametric amplifier. *Optik*, 271, 170040.
- Bayen, D. K., & Mandal, S. (2023). Effects of micromotion on the squeezing and on the dynamical behaviour of ion in a Paul trap. *The European Physical Journal Plus*, 138(3), 1-9.
- Roy, N., Goswami, S., & Das, S. (2022). Quintessence or phantom: study of scalar field dark energy models through a general parametrization of the Hubble parameter. *Physics of the Dark Universe*, 36, 101037.
- Mondal, S., Das, D., Dey, P., Bhattacharyya, D., & Bandyopadhyay, A. (2022). Electromagnetically induced transparency, narrow absorption and transient response in a three-photon excitation process. *Optik*, 265, 169410.
- Garain, S., Bandyopadhyay, A., Bhattacharyya, D., Mondal, S., & Roy, S. (2023). Simple high-precision diode laser system with digital control. *Applied Optics*, 62(4), 956-963.
- Saha, S., & Mandal, S. K. (2022). Methanol sensing characteristics in undoped and (Zn, Mn) doped Fe (phen) ₂ (NCS) ₂ spin-crossover thin films. *Materials Today: Proceedings*, 66, 3387-3391.
- Saha, S., Chandra, P., & Mandal, S. K. (2022). Spin state bistability in (Mn, Zn) doped Fe(phen) ₂ (NCS)₂ molecular thin film nanocrystals on quartz. *Physica B: Condensed Matter*, 642, 414128.

Chapter-2

- Chandra, P., Saha, S., & Mandal, S. K. (2022). Frequency and temperature-dependent dielectric characteristics of lead-free Br doped perovskites $(\text{CH}_3\text{NH}_3)_3\text{Bi}_2\text{Cl}_9$ and $(\text{CH}_3\text{NH}_3)_3\text{Bi}_2\text{Br}_x\text{Cl}_{9-x}$. *Materials Today: Proceedings*, 66, 3302-3306.
- Chandra, P., Saha, S., & Mandal, S. K. (2022). A dielectric study of Br-doped lead-free methylammonium bismuth chloride $(\text{CH}_3\text{NH}_3)_3\text{Bi}_2\text{Br}_x\text{Cl}_{9-x}$. *Applied Physics A*, 128(6), 541.
- Mondal, S., Modak, M., Maji, B., Mandal, S. K., Ghosh, B., Saha, S., Sardar, M. & Banerjee, S. (2022). Evolution of magnetic and transport properties in the Cu-doped pyrochlore iridate $\text{Eu}_2(\text{Ir}_{1-x}\text{Cu}_x)_2\text{O}_7$. *Physical Review B*, 105(15), 155113.
- Chandra, P., & Mandal, S. K. (2022). Morphology controlled $(\text{CH}_3\text{NH}_3)_3\text{Bi}_2\text{Cl}_9$ thin film for lead free perovskite solar cell. *Physica B: Condensed Matter*, 625, 413536.
- Basunia, M.S., & Chakraborty, A. (2022). Nuclear Data Sheets for A=24. *Nuclear Data Sheets*, 186, 3.
- Shil, R., Banerjee, K., Roy, P., Sadhukhan, J., Rana, T. K., Mukherjee, G., Kundu S, Ghosh TK., Manna S., Sen, A., Pandey, R. Chakraborty, A., Pandit, D., Mukhopadhyay, S., Mondal, D., Paul, D., Bhattacharya, C. & Bhattacharya, S. (2022). Isospin dependence of nuclear level density at $A \approx 120$ mass region. *Physics Letters B*, 831, 137145.
- Soheli, Md Amir, Mondal, Abhijit, Sanyal, Dirtha, and Sengupta, Asmita, (2023). Miscibility of ABS/PA6 Polymer Blend Studied using DSC and PALS. *AIP Conference Proceedings* (On Production)
- Mondal, Abhijit, Dr. Soheli, Md. Amir, P, Dr. Mohammed Arif, Thomas, Prof. Sabu, Sengupta, Prof. Asmita, (2023). Effect of carbon nano tube on non-isothermal crystallization kinetics of pc/pp (80/20). *Journal of Polymer Research* (Communicated, 2023)
- Mondal, A. S., Raychaudhuri, B., Dewangan, G. C., & Beri, A. (2022). Evidence of hard power-law spectral cutoff and disc reflection features from the X-ray transient XTE J1739–285. *Monthly Notices of the Royal Astronomical Society*, 516(1), 1256-1262.

**Number of papers published in Peer / reviewed journals
(National / International): 29**

DEPARTMENT OF CHEMISTRY

Name of the students qualified in NET (UGC/CSIR/ICAR)/SET and GATE Examinations:

- **NET JRF:** Bijoy Rudra, Sirshendu Ghosh, Anup Mondal, Supriyo Saha, Sudip Mondal, Poulami Chakraborty, Sougata Saha, Sanchari Sarkar, Shubhra Mohan Das, Adrish Das,
- **NET LS:** Amarendra Ghosh
- **GATE:** Shubhra Mohan Das, Adrish Das, Sayantani Barma, Nazia Sultana, Pinki Lamba, Pintu Karmakar, Shubhadip Karmakar, Gerald Lepcha, Souvik Das, Basanta Bhuina, Saikat Bag, Sudipta Pal, Chandan Laru, Subham Gupta, Koushik Mondal, Prajna Paramita Pal, Pritam Bhowmik, Susmita Biswas, Shaktipada Barik, Nilagriba Das, Ananya Biswas
- **TIFR Entrance Test:** Nilagriba Das, Ananya Biswas, Subhadip Nandi, Satyajit Samanta
- **JAM 2023:** Rohel Hoque, Anupam Dutta, Adhipa Das, Ratan Debnath, Kalyani Bagdi, Snehasish Majee, Sayantani Gargeya, Sudipta Dutta, Nilagriba Das

Departmental Seminars/Conferences/Workshops: (Speakers, Title of the seminar, Date)

Departmental Seminars:

- 11.06.2022. Dr. Kalyaneswar Mandal, Reader of Chemistry and Chemical Biology at the Tata Institute of Fundamental Research (TIFR), Hyderabad, India, delivered a seminar lecture through google meet on ***“Mirror-Image Proteins to Block Red Blood Cell Invasion by Malaria Parasites.”***
- 28.05.2022. Prof. Hirendra Nath Ghosh, Senior Professor at Bhabha Atomic Research Centre (BARC), Mumbai, and Adjunct Faculty at Institute of Nanoscience and Technology (INST) Mohali, India, delivered a seminar lecture through google meet on ***“Ultrafast Polaron Dynamics in Perovskites Materials.”***
- 10.02.2023. Dr. Suman Ganguli, Department of Applied Chemistry and Chemical Engineering, University of Chittagong, Bangladesh, delivered a seminar lecture on ***“Eco-friendly size-controlled synthesis and biological activity of silver nanoparticles prepared using leaf extract of Ophiorrhiza genus.”***

Chapter-2

- 19.02.2023. Prof. Prasad V. Bharatam, Senior Professor at Department of Medicinal Chemistry, National Institute of Pharmaceutical Education and Research (NIPER), Mohali, Punjab, India, delivered a seminar lecture through google meet on ***“Organocatalysis and organometallic catalysis using azines.”***

National and International standard Conference/Seminar/Workshop/Exhibition etc.

Teachers attended and chaired/evaluated/presented papers in National and International Conferences.

- 06.01.2023-07.01.2023. Prof. Pranesh Chowdhury delivered an invited talk on “Metal-guided photochromism: spectrokinetic, thermodynamic and theoretical analysis”, in the 5th Regional Science & Technology Congress, 2022-23 organized by the University of Burdwan and Department of Science & Technology and Biotechnology, Government of West Bengal.
- 03.02.2023-04.02.2023. Prof. Pranesh Chowdhury delivered an invited talk on “Metal-guided photochromic system for molecular keypad lock: Experimental findings and theoretical understanding” in the International Seminar on Chemistry of the environment and Salvation of Human Civilization organized by Indian Chemical society & T.M.B.U., Bhagalpur, Bihar.
- 17.03.2023-18.03.2023. Prof. Pranab Sarkar delivered an invited talk on In-Silico designing of Functional Materials for photovoltaic and photocatalytic application in the seventh In-house Symposium “INTeRaCTiONS 2023” organized by Dept. of Chemistry IISER Bhopal.
- 26.03.2023-27.03.2023. Prof. Pranesh Chowdhury delivered an invited talk on “Excited state intra-molecular proton transfer in Schiff base metal complexes: Mechanistic aspects & Future prospects”, in the National Seminar cum Workshop, organized by Durgapur Government College.
- 16.12.2022-18.12.2022. Prof. Goutam Brahmachari delivered an invited award lecture on Direct C-H functionalizations of coumarins under green-approach: a retrospection of our sincere efforts in 59th Annual Convention of Chemists (ACC) by the Indian Chemical Society (ICS) at Department of Chemistry and Chemical Biology, Indian Institute of Technology (ISM) Dhanbad.
- 10.12.2022. Prof. Goutam Brahmachari delivered an invited lecture (as a resource person) with the title “The practice of green chemistry: how to keep

pace with emerging techniques in organic synthesis” in the Refresher Course in Chemistry (Theme: Recent Advances in Chemistry) organized by the Department of Chemistry, University of Calcutta, 6th-19th December 2022.

- 14.05.2022. Dr. Alakananda Hajra delivered an invited talk on Photo, Synthesis, and Chemistry in International webinar on "Recent trends in photochemistry" in St. Joseph's College (Autonomous), Karnataka, India.
- 31.08.2022. Dr. Alakananda Hajra delivered an invited talk on Design, synthesis and functionalization of imidazoheterocycles in the Department of Chemical Sciences, Indian Institute of Science Education and Research Kolkata.
- 16.12.2022-18.12.2022. Dr. Alakananda Hajra delivered an invited talk on Design, synthesis and functionalization of imidazoheterocycles in 59th Annual Convention of Chemists (ACC) by Indian Chemical Society (ICS) at Department of Chemistry and Chemical Biology, Indian Institute of Technology (ISM) Dhanbad.
- 18.11.2022-19.11.2022. Dr. Biswajit Dey Chaired a Session in an International Conference on Green Initiatives in Chemical Sciences for Sustainable Development (ICGICSSD-2022) at Sikkim Manipal Institute of Technology, Sikkim, India.
- 18.11.2022-19.11.2022. Dr. Biswajit Dey delivered an invited talk on “A Supramolecular Benign Hydrogel: Soft Scaffold for exploring Nano, Bio and Nano-Bio Applications” in an International Conference on Green Initiatives in Chemical Sciences for Sustainable Development (ICGICSSD-2022) at Sikkim Manipal Institute of Technology, Sikkim, India.
- 16.12.2022-18.12.2022. Dr. Biswajit Dey delivered an invited talk on “2D nano-material based Functional Supramolecular Gel-scaffolds for Nano and Nano-bio Technology” in the 59th Annual Convention of Chemists and "International Conference on Recent Trends in Chemical Sciences 2022" (RTCS-2022) organized by Department of Chemistry and Chemical Biology, Indian Institute of Technology (ISM), Dhanbad.
- 16.12.2022-18.12.2022. Dr. Prithidipa Sahoo delivered an invited talk on “Surveillance of Environmental Toxicants and the Introduction of Chemical Sensors” in the 59th Annual convention of Chemists-2022 organized by Indian Chemical Society and Dept. of Chemistry IIT, Dhanbad.

Chapter-2

- 02.11.2022-04.11.2022. Dr. Pradip Dey delivered a flash poster presentation on “Co-delivery of BRAF and MEK Inhibitors using P-selectin-targeted PLGA-PEG Nanoparticles for the Treatment of Melanoma” at 16th International Conference on “Polymer Science and Technology of Polymers and Advanced Materials through Innovation, Entrepreneurship, and Industry (SPSI MACRO-2022)” organized by CSIR-NCL, IISER-P and SPPU in Pune, India.

Ongoing research projects in the Department

- Name of the teacher: Prof. Pranesh Chowdhury
Name of the Project: Design and synthesis of water soluble conjugate polymer for colorimetric, fluorescent and photochemical probes
Sponsoring Agencies: CSIR, New Delhi
Amount Sanctioned: Rs. 19 Lakhs
Duration of the project: 3 years (2019-2023, Extended one year)
- Name of the teacher: Prof. Pranab Sarkar
Name of the Project: Computational Investigation of Covalent Organic Frameworks (COFs) for Electrochemical Energy Storage Applications
Sponsoring Agencies: CSIR, New Delhi
Amount Sanctioned: Rs. 24 Lakhs
Duration of the project: 3 years (2021-2024)
- Name of the teacher: Prof. Pranab Sarkar
Name of the Project: Nitrogen fixation and possible value added hydrogenated products by transition metal induced catalysis: A theoretical exploration
Sponsoring Agencies: UGC, New Delhi
Amount Sanctioned: Rs. 10 Lakhs
Duration of the project: 3 years (2022-2024)
- Name of the teacher: Prof. Goutam Brahmachari
Name of the Project: Electrosynthesis of functionalized heterocycles via C-H functionalization
Sponsoring Agencies: SERB, New Delhi, India

Amount Sanctioned: Rs. 46,49,832/-

Duration of the project: 3 years (2022-2025)

- Name of the Teacher: Prof. Swapan Kumar Chandra
Title: Exploring Flexible Chelates as Platform --- Applications as Chemo- and Bio-Sensors
Sponsoring agency: CSIR
Sanctioned: Rs. 6.0 lakhs; But spent about 4.8 lakhs so far.
Duration of the project : Three years (2019-2022)
- Name of the teacher: Dr. Adinath Majee
Title of the Project: Preparation and Application of Imidazolium Based Zwitterion and Ionic Liquid as Organocatalyst in Organic Synthesis with Special Emphasis on Epoxide and Aziridine Chemistry in Green Aspects
Sponsoring Agencies: CSIR, India
Amount Sanctioned: Rs. 22,00,000/-
Duration of the project : Three years (2019-2022)
- Name of the Teacher: Dr. Naznin Ara Begum
Name of the Project: Unfolding the role of small molecule based fluorescent antioxidants towards the misfolding of amyloid proteins: A study to detect and inhibit amyloid aggregations
Sponsoring Agencies: Dept. of Science & Technology and Biotechnology, Govt. of West Bengal
Amount Sanctioned: Rs. 4,30,000/-
Duration of the project: 3 years (2021-2023)
- Name of the teacher: Dr. Alakananda Hajra
Name of the Project: Dioxygen-Triggered Radical-based Oxidative Difunctionalization
Sponsoring Agencies: SERB, DST, New Delhi.
Sponsoring Agencies: SERB-DST, New Delhi
Amount Sanctioned: Rs. 46 Lakhs
Duration of the project: 3 years (2020-2023)

Chapter-2

- Name of the teacher: Dr. Alakananda Hajra
Name of the Project: Electrochemical Generation and Utilization of Oxygen-Centered Radicals
Sponsoring Agencies: CSIR, New Delhi
Amount Sanctioned: Rs. 26 Lakhs
Duration of the project: 3 years (2021-2024)
- Name of the teacher: Dr. Md. Motin Seikh
Name of the Project: Development of High Entropy Stabilized Functional Oxides: Synthesis, Characterization, Magnetic Properties and Supercapacitor Application
Sponsoring Agencies: Science and Engineering Research Board (SERB), New Delhi, India
Amount Sanctioned: Rs. 35.93 Lakhs
Duration of the project: 3 years (2021-2024)
- Name of the teacher: Dr. Sudip Kumar Mondal
Name of the Project: Photophysics of New Lanthanide Containing and some Other Metal Organic Compounds and its Application towards Optical Devices
Sponsoring Agencies: CSIR, New Delhi
Amount Sanctioned: Rs. 20 Lakhs
Duration of the project: 3 years (2021-2024)
- Name of the Teacher: Dr. Prithidipa Sahoo
Name of the Project: Design and synthesis of novel fluorescent chemosensors to target and/or label crucial proteins of therapeutic interest
Sponsoring Agencies: Science and Engineering Research Board, New Delhi, India
Amount Sanctioned: Rs. 51.15 L
Duration of the project: 3 years (2021-2024)
- Name of the Teacher: Dr. Prithidipa Sahoo
Name of the Project: Water soluble fluorescent chemosensors: Design, synthesis, and exploration of their biological application for specific recognition with purine, pyridine derivatives and nucleotides
Sponsoring Agencies: CSIR, New Delhi, India

Amount Sanctioned: Rs. 22 L

Duration of the project: 3 years (2019-2022)

- Name of the teacher: Dr. Biplab Rajbanshi
Title of the Project: Quantum Mechanical Investigation of Olefin Metathesis Over Supported Metal Oxide Catalysts: A Step Towards Advanced Plastic to Fuel Conversion
Sponsoring Agencies: Science and Engineering Research Board (SERB), New Delhi, India
Amount Sanctioned: Rs. 32.21 Lakh
Duration of the project: 2 year (2022-2024)
- Name of the teacher: Dr. Biplab Rajbanshi
Title of the Project: Quantum Mechanical Exploration of Alkanes to Alkenes Formation via Catalytic Dehydrogenation and Oxidative Dehydrogenation Over Metal and Metal Oxide Catalysts: A New Initiative to Convert Plastics into Fuel
Sponsoring Agencies: Science and Engineering Research Board (SERB), New Delhi, India
Amount Sanctioned: Rs. 41.82 Lakh
Duration of the project: 3 year (2023-2025)
- Name of the teacher: Dr. Pradip Dey
Title of the Project: Synthesis, Self-assembly and Biological Applications of Glycerol Based Amphiphilic Polythiourethane
Sponsoring Agencies: Science and Engineering Research Board (SERB), New Delhi, India
Amount Sanctioned: Rs. 32.97 Lakh
Duration of the project: 2 year (2022-2024)

Extension activities/ NSS/Cultural activities organized by the Department and participated by the Teachers and students of the Department

- 25.02.2023. The Department organized its 11th Reunion Programme.

Academic Distinctions gained by Teachers/ scholars or the Department as a whole

- 2023. Prof. Goutam Brahmachari has been awarded Doctor of Science (DSc) Degree (Visva-Bharati)
- 2021. Prof. Goutam Brahmachari has been awarded Dr. Basudev Banerjee Memorial Award (contributions in chemical sciences) from the Indian Chemical Society.
- 2022. Prof. Goutam Brahmachari has been featured in the list of the World Ranking of the Top 2% Scientists (Organic Chemistry Category published by Stanford University Scientists) (in both the lists: Whole Career, and Single Latest Year)
- 2023. Prof. Goutam Brahmachari has been featured in the AD Scientific Index 2023 World Ranking of Scientists.
- Prof. Goutam Brahmachari serving as an Editor in Elsevier Book Series (Natural Product Drug Discovery)
- Prof. Goutam Brahmachari serving as a Co-Editor-in-Chief for Current Green Chemistry
- 2022. Dr. Alakananda Hajra has been “Featured in World Ranking of Top 2% Scientists from India” in Organic Chemistry Section.
- Dr. Alakananda Hajra has been “FEATURED IN THE AD SCIENTIFIC INDEX 2022 WORLD RANKING OF SCIENTISTS” as Best Scientist in University (<https://www.adscientificindex.com/scientist/alakananda-hajra/4324436>)
- Dr. Alakananda Hajra has been “**Top 1000 Scientists in the area of Chemistry**” <https://research.com/u/alakananda-hajra>.

Publications:

Other Books

Brahmachari, G. (Ed.). (2023). *Biotechnology of Microbial Enzymes: Production, Biocatalysis and Industrial Applications* (2nd Edition), Academic Press, London, Elsevier, (ISSBN: 9780443190599)

Book chapters

- **Chowdhury, P. & Bar, N (2022).** Metal-guided Photochromism: Progress and Prospect. (*Advances in Materials Science Research*, Nova Science Publishers, Inc, Volume 53 Edited by Maryann C. Wythers) **ISBN 9798886970968.**

- **Brahmachari, G.** (2022). Green synthetic approaches in organophosphorus chemistry: recent developments, In. *RSC Specialist Periodical Report – Organophosphorus Chemistry –Vol. 51*, Editors: David W. Allen, David Loakes, John Tebby, pp. 398-414. DOI: DOI: 10.1039/9781839166198-00398
- **Brahmachari, G.** (2022). Biotechnology of microbial enzymes: production, biocatalysis, and industrial applications—an overview, In. *Biotechnology of Microbial Enzymes: Production, Biocatalysis and Industrial Applications* (2nd Edition), Academic Press, London, Elsevier, Editor: G. Brahmachari, pp. 1-10. doi: <https://doi.org/10.1016/B978-0-443-19059-9.00026-8>
- **Brahmachari, G.** (2022). Lipase-catalyzed organic transformations: a recent update, In. *Biotechnology of Microbial Enzymes: Production, Biocatalysis and Industrial Applications* (2nd Edition), Academic Press, London, Elsevier, Editor: G. Brahmachari, pp. 297-321. doi: <https://doi.org/10.1016/B978-0-443-19059-9.00005-0>
- Mondal, S., Samanta, S. & **Hajra, A.** (2023). Iron-Catalyzed C–H Functionalization to form C–C and C–Heteroatom Bonds. (*Handbook of CH-Functionalization*, Edited by Debabrata Maiti. © 2023 WILEY-VCH GmbH); DOI: 10.1002/9783527834242.chf0048.
- Ghosh, S., Ghosh, D. & **Hajra, A.** (2022). Zwitterionic imidazolium salt: an effective green organocatalyst in synthetic chemistry. (*Organocatalysis* Edited by Bimal Krishna Banik and Bubun Banerjee © 2022 Walter de Gruyter GmbH, Berlin/Boston; ISBN 978-3-11-073753-0) <https://doi.org/10.1515/psr-2021-0018>.
- Ghosh, D., Ghosh, S. & **Hajra, A.** (2022). Gold nanoparticles as promising catalyst for electrochemical CO₂ reduction in aqueous medium. (*Aqueous Mediated Heterogeneous Catalysis* Edited by Asit K. Chakraborti and Bubun Banerjee; © 2022 Walter de Gruyter GmbH, Berlin/Boston; ISBN 978-3-11-073845-2); <https://doi.org/10.1515/9783110733846-006>.
- Ghosh, S. & **Hajra, A.** (2022). Visible-light-mediated metal-free C–Si bond formation reactions. (*Green-Bond Forming Reactions* Edited by Rakesh Kumar Sharma and Bubun Banerjee © 2022 Walter de Gruyter GmbH, Berlin/Boston; ISBN 978-3-11-075949-5) <https://doi.org/10.1515/psr-2021-0087>

Research Papers in Peer reviewed/ Refereed/ UGC-Care/ ICAR-NAAS listed Journals

Single Authors

- Das, A., & **Das, A. K.** (2022). Quadrupolar Interaction with Zeolite and Pressure Swing Adsorption in Portable Medical Oxygen Concentrators for Breathing of Covid-19 and COPD Patients, *Resonance*, 27 (8), 1387-1409. <https://doi.org/10.1007%2Fs12045-022-1433-z>
- Das, A., Das, U., & **Das, A. K.** (2023). Relativistic Effects on the Chemical Bonding Properties of the Heavier Elements and their Compounds, *Coordination Chemistry Reviews*, 479, 215000. <https://doi.org/10.1016/j.ccr.2022.215000>
- Das, U., Das, A., & **Das, A. K.** (2023). Confinement of Ozone Hole Mainly in the Antarctic Stratosphere to Protect the Living Kingdom on the Earth: Chemistry behind this Nature's Unique Gift, *Chemistry Teacher International (IUPAC)*, <https://doi.org/10.1515/cti-2023-0006>.
- Das, A., Das, U., & **Das, A. K.** (2022). Present State of Knowledge of Chemistry of Our Vision: Photoreceptor Molecules and Vision Cycle, *Asian J. Org. Med. Chem.*, 7(4), 309-320. <http://doi.org/10.14233/ajomc>.
- Mazumder, S. K., Roy, D., Pal, S., Bar, N., Ray, A., Biswas, D., Chowdhury, S., **Chowdhury, P.** Synthesis of novel water-soluble chitosan-based “off-on” fluorescent probes for successive recognitions of Fe^{3+} and F^{-} ions. *Iranian Polymer Journal*, 31, 425-439, <https://doi.org/10.1007/s13726-021-01013-9>.
- **Chowdhury, P.**, Roy, D. Multi-emissive silicon quantum dots: synthesis, characteristics and their biological & analytical relevance. *Bulletin of Materials Science*, 45, 143, <https://doi.org/10.1007/s12034-022-02706-4>.
- Bar, N., **Chowdhury, P.** A brief review on advances in rhodamine B based chromic materials and their prospects. *ACS Applied Electronic Materials*, 4, 3749-3771, <https://doi.org/10.1021/acsaelm.2c00107>.
- Ghosh, A., Mandal, S. & **Sarkar, P.** (2022). 2D Homogeneous Holey Carbon Nitride: An Efficient Anode Material for Li-ion Batteries With Ultrahigh Capacity. *Chem. Phys. Chem*, 23, e202200182.
- Mandal, S., Khan, B. A. & **Sarkar, P.** (2022). 2D lead free Ruddlesden-Popper phase perovskites as efficient photovoltaic materials: A first-principles investigation. *Comput. Mater. Sci.* 211, 111545

- Ghosh, A., Ball, B., Pal, S. & **Sarkar, P.** (2022) Ultrafast Charge Transfer and Delayed Recombination in Graphitic-CN/WTe₂ van der Waals Heterostructure: A Time Domain Ab Initio Study. *J. Phys. Chem. Lett.* 13, 7898-7905.
- Das, P. Ball, B. & **Sarkar, P.** (2022) Theoretical Investigation of a Tetrazine Based Covalent Organic Framework as a Promising Anode Material for Sodium/Calcium Ion Batteries. *Phys. Chem. Chem. Phys.* 24, 21729-21739.
- Chatterjee, O., Roy, R., Pramanik, A., Dutta, T., Sharma, V., **Sarkar, P.** & Koner, A. L. (2022). Dynamic Self-Assembly of Photo-Reduced Perylene Diimide: Single-Component White Light Emission from Organic Radicals. *Adv. Opt. Materials.* 10, 2201187.
- Ghosal, S., Roy, P., Pramanik, A. & **Sarkar, P.** (2022). Ru/Rh Catalyzed Selective Hydrogenation of CO₂ to Formic Acid: A First Principles Microkinetic Analysis. *Catal. Sci. Technol.* 12, 7219-7232.
- Sannigrahi, S., Ghosh, A., Ball, B. & **Sarkar, P.** (2022). Exploring the Ti₂CO₂-WSe₂ Heterostructure as a Direct Z-Scheme Photocatalyst for Water Splitting: A Non-Adiabatic Study. *J. Phys. Chem. C.* 126, 20852-20863.
- Ghosal, S., Ghosh, A., Roy, P., Ball, B. Pramanik, A. & **Sarkar, P.** (2022). Recent Progress in Computational Design of Single-Atom/Cluster Catalysts for Electrochemical and Solar-Driven N₂ fixation. *ACS Catalysis.* 12, 15541-15575.
- Mandal, S. & **Sarkar, P.** (2023). Computational Exploration of Ultralow Lattice Thermal Conductivity and High Figure of Merit in p-type Bulk RbX₂Sb (X=K, Na). *ACS Appl. Energy Material.* 6, 939-949.
- Ganai, A., Ball, B. & **Sarkar, P.** (2023). Modulating the Energetics of C-H Bond Activation in Methane by Utilizing Metalated Porphyrinic Metal-Organic Frameworks. *J. Phys. Chem. Lett.* 14, 1832-1839.
- Nayek, N., Karmakar, P., Mandal, M., Karmakar, I. & **Brahmachari, G.** (2022). Photochemical and electrochemical regioselective *cross*-dehydrogenative C(sp²)-H sulfenylation and selenylation of substituted benzo[*a*]phenazin-5-ols. *New Journal of Chemistry*, 46, 13483-13497. doi: 10.1039/D2NJ02224A
- Yadav, T., Vishwkarma, A. K., **Brahmachari, G.**, Karmakar, I., Yadav, P., Kumar, S., Mahapatra, C., Chowdhury, J., Kumar, R., Pandey, G. N., Tripathi, P. K. & Pathak, A. (2022). Structural confirmation and spectroscopic signature of *N*-Allyl-2-hydroxy-5-methyl-3-oxo-2,3-dihydrobenzofuran-2-carboxamide and its

- monohydrate cluster. *Journal of Molecular Structure*, 1267, 133566. doi: 10.1016/j.molstruc.2022.133566
- Das, A. K., Hossain, U., Ghosh, S., Biswas, S., Mandal, M., Mandal, B., **Brahmachari, G.**, Bagchi, A. & Sil, P. C. (2022). Amelioration of oxidative stress-mediated inflammation and apoptosis in pancreatic islets by Lupeol in STZ-induced hyperglycaemic mice. *Life Sciences*, 305, 120769. doi: 10.1016/j.lfs.2022.120769
 - Das, P., **Brahmachari, G.**, Chatterjee, K. & Choudhuri, T. (2022). Synthetic antioxidants from a natural source can overtake the oncogenic stress management system and activate the stress-sensitized death of KSHV-infected cancer cells. *International Journal of Molecular Medicine*, 50: 117. doi: 10.3892/ijmm.2022.5173.
 - **Brahmachari, G.** & Karmakar, I. (2022). Green-inspired synthetic drives for organophosphorus compounds under solvent-free conditions. *Arkivoc*, part iii, 133-161. doi: 10.24820/ark.5550190.p011.807
 - **Brahmachari, G.**, Bhowmick, A. & Karmakar, I. (2022). Catalyst- and additive-free C(sp³)-H functionalization of (Thio)barbituric acids *via* C-5 dehydrogenative aza-coupling under ambient conditions. *ACS Omega*, 7, 30051-30063. doi: 10.1021/acsomega.2c03073
 - Mandal, B., Karmakar, I. & **Brahmachari, G.** (2022). An updated review on biologically promising natural oxepines. *Chemistry & Biodiversity*, 19, e202200484. doi: 10.1002/cbdv.202200484
 - Yadav, T., **Brahmachari, G.**, Karmakar, I., Saha, S., Chowdhury, J., Pathak, A., Kumar, R., Sharma, R., RF Bento, R. & Yadav, N. P. (2022). Spectroscopic investigation of electron-releasing functional groups substituted *N*-iso-butyl, *S*-2-nitro-1-phenylethyl dithiocarbamate – a DFT approach. *Polycyclic Aromatic Compounds*, 42, 6917-6931. doi: 10.1080/10406638.2022.2135546
 - Sharma, V., Karmakar, I., **Brahmachari, G.** & Gupta, V. K. (2022). X-ray crystal structure analysis of *N*'-acetyl-*N*'-phenyl-2-naphthohydrazide. *European Journal of Chemistry*, 13(3), 253-258. doi: 10.5155/eurjchem.13.3.253-258.2235
 - Nayek, N. & **Brahmachari, G.** (2023). Visible-light-mediated self-sensitized oxidative and regioselective C(sp²)-H selenylation and sulfenylation of substituted 2-amino-1,4-naphthoquinones. *European Journal of Organic Chemistry*, 26, e202201343. doi: 10.1002/ejoc.202201343

- Vishwkarma, A. K., Yadav, T., Pathak, A. & **Brahmachari, G.** (2023). Interaction of a synthetic bio-relevant drug-molecule with C₂₄ and B₁₂N₁₂ fullerene: A first-principles quantum chemical investigation. *Diamond and Related Materials*, 132, 109639. doi: 10.1016/j.diamond.2022.109639
- Karmakar, P., Karmakar, I., Pal, D., Das, S. & **Brahmachari, G.** (2023). Electrochemical regioselective C(sp²)-H selenylation and sulfenylation of substituted 2-amino-1,4-naphthoquinones. *The Journal of Organic Chemistry*, 88, 1049-1060. doi: 10.1021/acs.joc.2c02486
- Bhowmick, A. & **Brahmachari, G.** (2023). PhI(OAc)₂/I₂-Mediated Decarboxylative C₄-amination of coumarin-3-carboxylic acids via C sp² -H dehydrogenative C-N cross-coupling under ambient conditions. *European Journal of Organic Chemistry*, 26, e202300192. doi:10.1002/ejoc.202300192
- Yadav, T., Vishwkarma, A. K., Mandal, M., Karmakar, I., Pathak, A., **Brahmachari, G.**, Tripathi, P. K., Maddheshiya, A. K., Yadav, N. P. & Mahapatra, C. (2023). Molecular modeling, vibrational dynamics and NBO analysis of a synthetic bio-relevant warfarin analog. *Journal of Molecular Structure*, 1284, 135347. doi: 10.1016/j.molstruc.2023.135347
- Pal, P. & Das, G. K. (2022), Mechanistic insight highlights the key steps and significance of metal in Ir(III)-catalyzed C-H activated chromones generation, *Organic & Biomolecular Chemistry*, **20**, 9703-9721. doi: 10.1039/d2ob01785g.
- Nag, S., Pramanik, K., Chattopadhyay, M. K., Malpaharia, P., **Chandra, S. K.** & Banerjee, P. (2023). A strategically synthesized arseno-discriminatory tetraphenoxido hetero-trinuclear complex envisioned for the recognition of iAs and oAs from *Oryza* sp. and aquatic crustaceans. *Dalton Trans.*, in press. <https://doi.org/10.1039/D3DT00201B>.
- Samanta, S., Chatterjee, R., Sarkar, S., Pal, S., Mukherjee, A., Butorin, I. I., Konovalova, O. A., Choudhuri, T., Chakraborty, K., Santra, S., Zyryanov, G. V. & **Majee, A.** (2022). Brønsted acidic ionic liquid-catalyzed tandem reaction: An efficient and sustainable approach towards regioselective synthesis and molecular docking studies of 4-hydroxycoumarin substituted indoles bearing lower E-factors. (2022) *Organic & Biomolecular Chemistry*, 20, 9161-9171
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Joint Authors (of the same Department)

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- Egorov, I. N., Santra, S., Zyryanov, G. V., **Majee, A., Hajra, A.** & Chupakhin O. N. (2022). Direct Asymmetric Addition of Heteroatom Nucleophiles to Imines., *Advanced Synthesis & Catalysis*, 36 (13), 2092-2112. <https://doi.org/10.1002/adsc.202200155>
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Number of papers published in Peer / reviewed journals (National/International):
105

Designing New Course/Curriculum or any other teaching innovations introduced by the Department

- Prof. S. K. Chandra designed a New Course on "X-ray crystallographic and its application" for Ph.D. Course work approved by Visva-Bharati in 2022-23.
- Dr. P. Dey introduced a new course on "Polymer Therapeutics" for Ph.D. course works approved by Visva-Bharati in 2022-23.

Any relevant Information

Patent Information of the Department

Indian Patent No. 408792 (201731031013)

Invention Title: COPPER-BASED CATALYST

Inventor: Dr. Biswajit Dey, Debasish Ghosh, Subhendu Dhibar, Visva-Bharati, Santiniketan-731 235, West Bengal, India

Applicant: Dr. Biswajit Dey, Debasish Ghosh, Subhendu Dhibar, Visva-Bharati, Santiniketan-731 235, West Bengal, India

Status: Granted (Date of Certificate Issue 11/10/2022)

Participation of the alumni

The Department has framed an alumni platform, "*Visva-Bharati Chemistry Alumni Lecture Series*" to involve its alumni with this extended activity that will strengthen the all-around rapport and interaction among the elder and the younger generation, and the Department has been organizing such lectures regularly.

DEPARTMENT OF MATHEMATICS

Name of the students qualified in UGC/CSIR/NET/SLET and GATE Examinations.

- NET: Jayshree Mondal (WB1004240095), Susmita Sarkar (WB1004240213)
- GATE: Chumki Banerjee (MA23S54009015), Deepabali Datta (MA23S54011050), Ritwik Manna (MA23S56507021), Ritwik Saha (MA23S54010084), Mousumi Mondal (MA23S54010070), Soma Mandal (MA23S54011030), Souvik Panda (MA23S54005142), Tanmoy Giri (MA23S56508001)

Departmental Seminar (Speakers, Title of the Seminar, Date):

- 20.09.2022-21.09.2022. A two-day workshop was organized by Amar Prasad Misra for faculties of nearby colleges under the SERB Scientific Social Responsibility (SSR) scheme for the project titled “Electromagnetic solitons and nonlinear Landau damping in plasmas” (Ref. no. CRG/2018/004475).
Speakers: Dr. Amar Prasad Misra, Visva-Bharati, Dr. Anjan Kumar Bhuniya, Visva-Bharati, Dr. Bipul Pal, Visva-Bharati, Prof. Mantu Saha, The University of Burdwan, Dr. Sougata Biswas, Visva-Bharati, Prof. Subhasis Ray, Visva-Bharati.
- 22.12.2022. One day workshop was jointly organized by the Department of Mathematics, Visva-Bharati, and IIT Ropar on the occasion of National Mathematics Day. It was funded by SERB [under the project titled “A study on generalization of Euler’s constant, gamma function and their p-adic counterparts” (Ref No. CRG/2019/000203)].

Speakers: Dr. Tapas Chatterjee, IIT Ropar, Dr. Amar Prasad Misra, Visva-Bharati, Prof. Pratulananda Das, Jadavpur University

National and International standard Conference/ Seminar/Webinar /Workshop / Exhibition etc.:

- 20.6.2022-22.6.2022. A. P. Misra delivered an invited talk titled "Chaotic dynamics and complexity of dispersive Alfvén waves in a magnetoplasma" and judged a poster session at the 2nd International Conference on Plasma Theory and

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Simulation (PTS), organized by the Department of Physics, University of Lucknow, India.

- 13.7.2022-14.7.2022. A. P. Misra delivered a keynote speech titled "Classical and quantum kinetic theories of wave-particle interactions in plasmas" at the 9th Iranian Plasma Engineering and Plasma Physics Conference (Online mode), organized by Gonbad Kavous University, Iran.
- 26.08.2022. P. K. Mandal delivered an invited talk titled "Procedural Development in Cardiovascular Drug Transport: Modeling and Simulation" at the International Conference on Modeling, Analysis, and Simulations of Multiscale Transport Phenomena, organized by the Department of Mathematics, IIT, Kharagpur-2, WB.
- 13.09.2022. P. Chatterjee delivered two invited lectures on Differential equations and Dynamical systems as a resource person in the Refresher Course on Mathematics/ Operational Research/ Statistics and Computer Science (IDC).
- 9.10.2022-14.10.2022. A. P. Misra delivered an invited talk titled "Instability of thermoacoustic shocks in fluid plasmas" and chaired sessions at the 6th Asia-Pacific Conference (e-conference, AAPPS-DPP2022) on Plasma Physics, organized by the Division of Plasma Physics (DPP), Association of Asia-Pacific Physical Societies (AAPPS).
- 6.12.2022. A. P. Misra delivered an invited talk titled "The role and significance of mathematics in physics and nonlinear sciences" at an extension programme, organized by the Department of Mathematics, Scottish Church College, Kolkata.
- 22.12.2022. A. P. Misra delivered an invited talk titled "Chaos and complexity in the dynamics of nonlinear MHD waves" at the workshop in an outreach program, jointly organized by the Department of Mathematics, Visva-Bharati, India, and IIT Ropar, India.
- 28.12.2022-30.12.2022. A. P. Misra delivered an invited talk titled "Stability of electromagnetic solitons in relativistic degenerate plasmas" and International organizing committee member at the 15th International Conference on Plasma Science and Applications (ICPSA2022), organized by the Asian African Association for Plasma Training (AAAPT), hosted by Gauhati University, India.
- 06.01.2023-07.01.2023. T. R. Mahapatra chaired two sessions of paper presentation in FIFTH REGIONAL SCIENCE & TECHNOLOGY CONGRESS (REGION 7), 2022-23 [RSTC (R7), 2022-23] organized jointly by The University

of Burdwan, Burdwan and Department of Science & Technology and Biotechnology, Government of West Bengal during January 06-07, 2023.

- 06.01.2023-07.01.2023. S. Ray chaired two sessions of paper presentations in FIFTH REGIONAL SCIENCE & TECHNOLOGY CONGRESS (REGION 7), [RSTC (R7), 2022-23], organized jointly by The University of Burdwan, Burdwan and Department of Science & Technology and Biotechnology, Government of West Bengal.
- 02.03.2023. P. Chatterjee delivered an invited talk on Nonlinear partial differential equations and applications at Sidho-Kanho-Birsha University, Purulia.
- 02.03.2023. P. Chatterjee delivered an invited talk on Mathematics and information science at Sidho-Kanho-Birsha University, Purulia.

Ongoing Research Projects in the Department

- Name of the Teacher: Amar Prasad Misra
Name of the Project: Electromagnetic solitons and nonlinear Landau damping in plasmas
Sponsoring Agencies: Science and Engineering Research Board (SERB)
Amount Sanctioned: Rs. 1914948/- (Rs. Nineteen Lakh Fourteen Thousand Nine Hundred and Forty Eight Only). Project terminated on 26.09.2022.

Extension activities/NSS/Cultural and other activities organized by the Department and participated by the Teachers and students of the Department.

- 05-09-2022. Teachers' Day was celebrated.

Publications:

Research Papers in Peer reviewed/Referred/UGC-CARE/ICAR-NAAS listed journals

- Chatterjee, D., Misra, A. P. & Ghosh, S. (2023). Neutrino magnetohydrodynamic instabilities in presence of two-flavor oscillations, *Physica Scripta*, 98, 045610 (10 pages). doi: 10.1088/1402-4896/acc142.
- Roy, S., Roy, A. & Misra, A. P. 2023. Chaos and complexity in the dynamics of nonlinear Alfvén waves in a magnetoplasma, *Chaos*, 33, 023130 (15 pages). doi: 10.1063/5.0138866.

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- Misra, A. P. & Holkundkar, A. (2023). Editorial: Wakefield generation and particle acceleration in high-intensity laser plasma and beam-plasma interactions, *Frontiers in Physics*, 10, 1129971 (2 pages). doi: 10.3389/fphy.2022.1129971.
- Abdikian, A., Eghbali, M. & Misra, A. P. (2022). Drift ion-acoustic waves in a nonuniform rotating magnetoplasma with two-temperature superthermal electrons, *Physica Scripta*, 97, 045603 (10 pages). doi: 10.1088/1402-4896/ac57df.
- Roy, S. & Misra, A. P. 2022. Electromagnetic solitons and their stability in relativistic degenerate dense plasmas with two electron species, *Frontiers in Astronomy and Space Sciences*, 9, 1007584 (11 pages). doi: 10.3389/fspas.2022.1007584.
- Misra, A. P., Roy, A., Chatterjee, D. & Kaladze, T. D. 2022. Internal gravity waves in the Earth's ionosphere, *IEEE Transactions on Plasma Science*, 50, 2603-2608. doi: 10.1109/TPS.2022.3178133
- Turi, J. & Misra, A. P. 2022. Magnetohydrodynamic instabilities in a self-gravitating rotating cosmic plasma, *Physica Scripta*, 97, 125603 (12 pages). doi: 10.1088/1402-4896/ac9ca6.
- Dey, R., Banerjee, G. & Misra, A. P. 2022. Ion-acoustic solitary waves in a partially degenerate plasma, *IEEE Transactions on Plasma Science*, 50, 4558-4565. doi: 10.1109/TPS.2022.3216058.
- Adhikary, M. & Banerjee, D. (2022), Some results on composition of entire functions of finite $[p, q]$ order, *Asian Journal of Mathematics and Applications*, 2022 (13), 1-14.
- Adhikary, M. & Banerjee, D. (2022), An extension of some growth properties of composite entire and meromorphic functions, *J. of Ramanujan Society of Mathematics & Mathematical Sciences*, 9(2), 17-28.
- Adhikary, M. & Banerjee, D. (2022), Iteration of entire functions with finite iterated order, *J. of Ramanujan Society of Mathematics & Mathematical Sciences*, 9(2), 65-82.
- Banerjee, D. & Ghosh. I. (2022), Iteration of three entire functions with finite iterated order sharing three values IM, *Asian Journal of Mathematics and Applications*, 2022 (15), 1-15.
- Banerjee, D. & Pal. P. (2023), On Logarithmic $[p,q]$ th Order of Entire Functions, *Asian Journal of Mathematics and Applications*, 2023(3), 1-8.

- Maji, M., Mesnager, S., Sarkar, S., Hansda, K. (2022). On One-Dimensional Linear Minimal Codes over Finite (Commutative) Rings, *IEEE Transactions on Information Theory*, 68(5), 2990–2998.
- Mukhopadhyay, D., Hansda, K., Bagchi, S. (2022). Some Properties and Constructions of Weakly Self Dual LRCs, SPCOM-2022, *IEEE International Conference on Signal Processing and Communications*.
- Sadhya, S., Hansda, K. (2022). Generalized Green's relations and GV-ordered semigroups, *Quasigroups and Related Systems*, 30(1), 161–168.
- Han, R., Mandal, G., Guin, L. N. & Chakravarty, S. (2022). Dynamical response of a reaction-diffusion predator-prey system with cooperative hunting and prey refuge. *Journal of Statistical Mechanics: Theory and Experiment (JSTAT), International School for Advanced Studies (SISSA) and IOP Publishing (IOP)*, 2022(10), 103502. doi: 10.1088/1742-5468/ac946d.
- Han, R., Guin, L. N. & Acharya, S. (2022). Complex dynamics in a reaction-cross-diffusion model with refuge depending on predator-prey encounters. *The European Physical Journal Plus (EPJP), Springer*, 137(134), 1-27. doi: 10.1140/epjp/s13360-022-02358-7.
- Guin, L. N., Pal, S. & Sambath, M. (2022). On the dynamics of a harvested tri-trophic food chain model with alternative food source. *Journal of Applied Nonlinear Dynamics (JAND), L & H Scientific Publishing, LLC; Indexed by Scopus and Emerging Sources Citation Indexing (ESCI) in Web of Science, Z-math and AMS*, 11(4), 847-863. doi:10.5890/JAND.2022.12.006.
- Guin, L. N., Ghosh, S. & Chakravarty, S. (2022). Mathematical modelling of intraguild predation and its dynamics of resource harvesting. *International Journal of Nonlinear Analysis and Applications (IJNAA), A publication of Semnan University; Indexed by Emerging Sources Citation Indexing (ESCI) in Web of Science*, 13(2), 837-861. doi: 10.22075/IJNAA.2022.26067.3215.
- Guin, L. N., Pal, P.J., Alzahrani, J., Ali, N., Sarkar, K., Djilali, S., Zeb, A., Khan, I. & Eldin, S. M. (2023). Influence of Allee effect on the spatiotemporal behavior of a diffusive predator-prey model with Crowley-Martin type response function. *Scientific Reports, Nature Portfolio*, 13(4710), 1-19. doi:10.1038/s41598-023-28419-0.
- Guin, L. N., Mandal, G., Mondal, M. & Chakravarty, S. (2023). A chaotic tri-trophic food chain model supplemented by Allee effect. *International Journal of*

Dynamics and Control (IJDY), Springer, 11, 528-554. doi: org/10.1007/s40435-022-01017-0.

- Guin, L. N., Datta, D. & Chakravarty, S. (2023). Dynamic response of Allee effect and refuge on the interacting species model system. *Journal of Environmental Accounting and Management (JEAM)*, L & H Scientific Publishing, LLC; Indexed by Scopus and Emerging Sources Citation Indexing (ESCI) in Web of Science, 11(2), 193-224. doi: 10.5890/JEAM.2023.06.006.
- Guin, L. N., Nandi, S. & Chakravarty, S. (2023). Effect of prey refuge in a three species food chain model with Beddington-DeAngelis functional response. *Journal of Environmental Accounting and Management (JEAM)*, L & H Scientific Publishing, LLC; Indexed by Scopus and Emerging Sources Citation Indexing (ESCI) in Web of Science, 11(2), 139-160. doi: 10.5890/JEAM.2023.06.002.
- Guin, L. N., Kundu, S. & Chakravarty, S. (2023). Interactive consequence of prey refuge in a tri-trophic food chain model. *International Journal of Ecology and Development (IJED)*, Ceser Publications: Indexed by the Thomson Reuters in Web of Science, 38(1), 51-67.
- Kumbhakar, R., Pal, S., Pal, N., & Tiwari, P. K. (2023). Bistability and tristability in a predator-prey model with strong Allee effect in prey. *Journal of Biological Systems*, 31(1): 215-243. <https://doi.org/10.1142/S0218339023500110>.
- Garai, S., Pati, N. C., Pal, N., & Layek, G. C. (2022). Organized periodic structures and coexistence of triple attractors in a predator-prey model with fear and refuge. *Chaos, Solitons & Fractals*, 165:112833. <https://doi.org/10.1016/j.chaos.2022.112833>.
- Hossain, M., Kumbhakar, R. & Pal, N. (2022). Dynamics in the biparametric spaces of a three-species food chain model with vigilance. *Chaos, Solitons & Fractals*, 162:112438. <https://doi.org/10.1016/j.chaos.2022.112438>.
- Hossain, M., Garai, S., Jafari, S., & Pal, N. (2022). Bifurcations, chaos, multistability, and organized structures in a predator-prey model with vigilance. *Chaos: An Interdisciplinary Journal of Nonlinear Science*, 32: 063139. <https://doi.org/10.1063/5.0086906>.
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- Hossain, M., Garai, S., Karmakar, S., Pal, N., & Chattopadhyay, J. (2022). Impact of vigilance on the density variations in a food chain model, *Ecological Complexity*, 50:100996. <https://doi.org/10.1016/j.ecocom.2022.100996>.
- AlSharawi, Z., Pal, N., & Chattopadhyay, J. (2022). The role of vigilance on a discrete-time predator-prey model, *Discrete and Continuous Dynamical Systems-B*, 27:6723-6744. <https://doi.org/10.1063/5.0067046>.
- Ghosh, U.N., Chatterjee, P. & Kaur, B.(2023). Study of lump soliton structures in pair-ion plasmas. *Brazilian Journal of Physics*, 53(2), 48.
- Saha, D., Chatterjee, P. & Raut, S.(2023). Multi-shock and soliton solutions of the Burgers equation employing Darboux transformation with the help of the Lax pair. *Pramana*, 97(2), 54.
- Ali, R., Basnett, A. & Chatterjee, P.(2023). Managing strong ion-neutral collision in dusty plasmas. *Indian Journal of Physics*, 1-10.
- Roy, S., Raut, S., Kairi, R.R. & Chatterjee, P.(2023). Bilinear Backlund, Lax pairs, breather waves, lump waves and soliton interaction of (2+1)-dimensional non-autonomous Kadomtsev-Petviashvili equation. *Nonlinear Dynamics*, 111(6), 5721-5741.
- Paul, A., Paul, N., Chatterjee, P. & Mondal, K.K.(2023). Analysis of solitary waves on non-planar geometry in a weakly ionized collisional plasma with Cairns-Gurevich distributed electrons. *Brazilian Journal of Physics*, 53(1), 9.
- Ali, R., Ghosh, U.N., Mandi, L. & Chatterjee, P. (2023). Application of Adomain decomposition method to study collision effect in dusty plasma in the presence of polarization force. *Indian Journal of Physics*, 1-8.
- Chatterjee, P. (2022). Mathematics Defining Life. *Science Reporter*, 59(11), 50-51.
- Ghosh, U. N., Nasipuri, S. & Chatterjee, P. (2022). Dust ion-acoustic singular solitons interaction with non-extensive electrons. *Indian Journal of Physics*, 1-15.
- Saha, D., Raut, S. & Chatterjee, P. (2022). Multi-Soliton Solutions of the Gardner Equation Using Darboux Transformation, *Nonlinear Dynamics and Applications: Proceedings of the ICNDA 2022*. 1159-1168.
- Paul, A., Paul, N., Mondal, K.K. & Chatterjee, P. (2022). Dust-ion Collisional and Periodic Forcing Effects on Solitary Wave in a Plasma with Cairns-Gurevich Electron Distribution. *Nonlinear Dynamics and Applications: Proceedings of the ICNDA 2022*, 203-213.

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- Ghosh, U.N., Nasipuri, S. & Chatterjee, P. (2022). Study of lump soliton structures in quantum electron-positron-ion magnetoplasma. *Contributions to Plasma Physics*, 62(9), e202200094.
- Ghosh, U. N., Nasipuri, S. & Chatterjee, P. (2022). Singular Soliton Interaction in Dust Acoustic Waves in the Framework of Korteweg-de Vries and Modified Korteweg-de Vries Equations with Variable Dust Charge. *Brazilian Journal of Physics*, 52 (5), 153.
- Paul, A., Paul, N., Mondal, K. K. & Chatterjee, P. (2022). Influences of external excitations on solitary waves in nonthermal dusty plasma. *Plasma Physics Reports*, 48(9), 1013-1022.
- Roy, A., Mondal, K.K., Chatterjee, P. & Raut, S. (2022). Influence of External Periodic Force on Ion Acoustic Waves in a Magnetized Dusty Plasma Through Forced KP Equation and Modified Forced KP Equation. *Brazilian Journal of Physics*, 52 (3), 65.
- Ghosh, U.N., Chatterjee, P. & Mandi, L. (2022). Interaction of Inward and Outward Cylindrical and Spherical Solitary Rings in Quantum Electron Ion Dust Plasmas. *Plasma Physics Reports*, 48 (5), 533-542.
- Roy, S., Raut, S., Kairi, R. R. & Chatterjee, P. (2022). Integrability and the Multi-Soliton Interactions of Non-Autonomous Zakharov-Kuznetsov Equation. *The European Physical Journal Plus*, 137 (5), 1-14.
- Das, C., Chandra, S. & Chatterjee, P.(2022). Semi-Lagrangian Method to Study Nonlinear Electrostatic Waves in Quantum Plasma. *IEEE Transactions on Plasma Science*, 50(6), 1579-1584. doi: 10.1109/TPS.2022.3158965.
- Biswas, S., Sarifuddin. & Mandal, P. K. (2022). Unsteady transport and two-phase binding of a drug in an atherosclerotic artery. *Physics of Fluids* 34, 041905, <https://doi.org/10.1063/5.0086963>.
- Mondal, A., Mandal, P. K., Maiti, S., & Shit, G. C. (2022). Combined effects of temperature-dependent properties and magnetic field on electro-osmotic mobility at arbitrary zeta potentials. *Waves in Random and Complex Media*, 1-33. doi: 10.1080/17455030.2022.2113929.
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- Kabiraj, A., Nayak, P. K. & Raha, S. (2022). Intuitionistic fuzzy optimization – an iterative approach, *Journal of Xidian University*, 8(6), 668-677.
- Kabiraj, A., Nayak, P. K. & Raha, S. (2022). Approximate reasoning in linear programming, *Zeichen Journal*, 8(6), 2022, 222-231.
- Majumdar, A. & Bag, T. (2022). Some results on compact fuzzy strong b-metric spaces, *Malaya Journal of Mathematik*, 10(2), 128-138. doi.org/10.26637/mjm1002/003
- Das, A. & Bag, T. (2022). Some Fixed Point Theorems in Extended Cone b-metric spaces, *Communications in Mathematics and Applications* 13(2), 649-659. doi.org/10.26713/cma.v13i2.1768.
- Tamang, P. & Bag, T. (2022). Approximation properties in Fuzzy Cone normed linear space, *International Journal of Nonlinear Analysis and Applications*, 13(2), 2551-2563. 10.22075/IJNAA.2021.22734.2410.
- Chatterjee, S., Majumdar, A. & Bag, T. (2023). Some Fixed Point Theorems in Fuzzy Strong b-Metric Spaces. *Book Series: Studies in Computational Intelligence Name of the book: Engineering Mathematics and Computing* Publisher: Springer Nature Pvt. Ltd-2023 1042(Chapter-II).10.1007/978-981-19-2300-5_2.
- Das, A. & Bag, T. (2022) A study on parametric S-metric spaces, *Communications in Mathematics and Applications*, 13(3), 921-933. doi.org/10.26713/cma.v13i3.1789.
- Das, A. & Bag, T. (2023). A generalization to parametric metric spaces, *International Journal of Nonlinear Analysis and Applications*, 14(1), 229-244. 10.22075/IJNAA.2022.26832.3420.
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- Tamang, P. & Bag, T. (2023). Fixed Point Theorems for Generalized Contraction Mappings in Fuzzy Normed Linear space, *Thai Journal of Mathematics*, 21(1),1-27.
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**Number of papers published in Peer / reviewed journals
(National/International): 66**

DEPARTMENT OF ZOOLOGY

Names of the students qualified in NET(UGC/CSIR/ICAR)/SET and GATE Examinations.

- **UGC NET-JRF:** Sowmadeep Das (AIR-90), Sangita Lala (AIR - 138)
- **UGC NET-LS:** Yuvraj Mangalam (AIR - 96), Puspita Ghosh (AIR - 123)
- **WB-SET:** Soumyadeep Basu, Olivia Sarkar
- **GATE-XL:** Sowmadeep Das, Puspita Ghosh, Kailash Chandra Sahu, Naba Kumar Biswas, Sabyasachi Ghoshal

Departmental Seminar (Speakers, Title of the Seminar, Date):

- Title of the Seminar talk: “Therapeutic use of Host Immune Response: Learning from Tuberculosis patients”
Date: 13.01.2023
Name of the Speaker: Dr. Dipendra Kumar Mitra, MD, Ph.D., Chair, Department of Immunology & Transplant, AIIMS, New Delhi.
- Title of the Seminar talk: “Systems Ecology and its Future Perspectives”
Date: 28.02.2023
Name of the Speaker: Retd. Prof. Santanu Ray, Former Professor in the Department of Zoology, Visva-Bharati.

National and International standard Conference /Seminar /Workshop / Exhibition etc.:

Faculty Members

Ansuman Chattopadhyay

- 08.04.2022-09.04.2022. Chaired session in the International Conference on "Novel Approaches in Life Sciences" organized by the Department of Botany, G N Khalsa College, Mumbai.

Dipak Kumar Mandal

- 06.01.2023-07.01.2023. Chaired a technical session “Agriculture, Fisheries and Animal Science” in the 5th Regional Science & Technology Congress (Region 7),

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2022-23 organized by the University of Burdwan and Department of Science and Technology and Biotechnology, Govt. of West Bengal.

- 09.01.2023-10.01.2023 Chaired as Session Judge in a technical session of “Zoology” in the 5th Regional Science & Technology Congress (Region 6), 2022-23 organized by Bankura University and Department of Science and Technology and Biotechnology, Govt of West Bengal.
- 05.03.2023-06.03.2023. Chaired a technical session in an International Conference on ‘Opportunities and Challenges in Biological Science and Sports Science’ organized by the IQAC Guskara Mahavidyalaya, West Bengal.

Samar Kumar Saha

- 22.11.2022. Delivered an invited lecture entitled “A Journey towards regenerative medicine” at the Refresher Course organized by the UGC-Human Resource Development Centre, North Eastern Hill University, Shillong, Meghalaya.
- 12.12.2022. Delivered an Invited lecture entitled “A Journey towards regenerative medicine” at Refresher Course organized by the UGC-Human Resource Development Centre, University of Calcutta, Kolkata.
- 17.01.2023-18.01.2023. Acted as Internal Expert and Judge for Oral Presentation in the 5th Regional Science & Technology Congress 2022-23- Region One-jointly organized by the Department of Science & Technology and Biotechnology, Govt. of West Bengal, and Cooch Behar Panchanan Barma University, West Bengal.
- 06.01.2023-07.01.2023. Chaired Technical session in the 5th Regional Science & Technology Congress 2022-23- Region Seven, 2022-23 jointly organized by the Department of Science & Technology and Biotechnology, Govt. of West Bengal and the University of Burdwan, Bardhaman, West Bengal.

Larisha M. Lyndem

- 14.12.2022-15.12.2022. Delivered an Invited lecture entitled “Senna plant: Its potential as anthelmintic efficacy against intestinal parasites” in the International Conference on “Biodiversity and Conservation with Workshop on Traditional Medicine” organized by the Department of Zoology, St. Anthony’s College, Shillong and Bio Resource Development Centre, Government of Meghalaya.

- 21.11.2022. Delivered an Invited lecture entitled “*Plasmodium*: Its surface coat and host interaction” in the Refresher Course in Zoology organized by the Department of Zoology and UGC-HRDC, NEHU, Shillong-793922, Meghalaya.
- 17.01.2023-18.01.2023. Chaired and evaluated Oral Presentation at the 5th Regional Science and Technology Congress 2022-23 organized by the Department of Science and Technology and Biotechnology, Govt. of West Bengal, and Cooch Behar Panchanan Barma University, West Bengal.

Sudipta Maitra

- 07.12.2022-20.12.2022. Delivered an online lecture entitled “Recent Advances in Zebrafish Researches” as a Resource Person in the “Interdisciplinary Refresher Course in Modern Biology, FY 2022-23” organized by UGC Human Resource Development Centre (HRDC), University of Calcutta, West Bengal.

Research Scholars

- 08.04.2022-09.04.2022. Mr. Arpan Dey Bhowmik pursuing Ph.D. under the supervision of **Prof. Ansuman Chattopadhyay**, presented a paper entitled “Chronic exposure to environmentally relevant concentration of fluoride causes fluorosis and alters DNA repair gene expression by epigenetic modification in mice” in the International Conference on "Novel Approaches in Life Sciences" organized by the Department of Botany, G N Khalsa College, Mumbai.
- 09.01.2023-10.01.2023. Mr. Arpan Dey Bhowmik pursuing Ph.D. under the supervision of **Prof. Ansuman Chattopadhyay**, presented a paper entitled “Impairment of osteoblast’s collagen synthesis, matrix mineralization effectuates skeletal fluorosis in mice: impairment of epigenetic regulation” in the 5th Regional Science & Technology Congress organized jointly by the Bankura University and Department of Science and Technology and Biotechnology, Government of West Bengal.
- 28.02.2023-01.03.2023. Mr. Arpan Dey Bhowmik pursuing Ph.D. under the supervision of **Prof. Ansuman Chattopadhyay**, presented a paper entitled “Impairment of osteoblast’s collagen synthesis, matrix mineralization effectuates skeletal fluorosis in mice: impairment of epigenetic regulation” in the 30th West Bengal State Science & Technology Congress held at Science City, Kolkata.

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- 24.11.2022-25.11.2022. Ms. Nibedita Sharma pursuing Ph.D. under the supervision of **Prof. Dipak Kumar Mandal**, presented a paper entitled ‘Determination of medial lethal concentration of an endocrine disrupting chemical, 4-tert-octylphenol and evaluation of hepatic histopathological alterations caused by its acute exposure in the fish *Channa punctatus*’ in the International Conference on “Environment and Sustainable Development (ICESD 2022)” organized by Biotech Kishan Hub, NEHU, Tura Campus, Shillong Meghalaya.
- 20.01.2023-22.01.2023. Ms. Ragini Sinha pursuing Ph.D. under the supervision of **Prof. Dipak Kumar Mandal**, presented a paper entitled ‘Biochemical and hematological alterations caused by chronic exposure to di-n butyl phthalate (DBP)’ in the All India Cell Biology Conference and International Symposium on “Biology of Development and Disease” organized by Department of Zoology, Institute of Science, Banaras Hindu University, Uttar Pradesh.
- 28.02.2023. Ms. Monisha Das pursuing Ph.D. under the supervision of **Prof. Dipak Kumar Mandal**, presented a paper entitled ‘4-Nonylphenol (4-NP) induced metabolic alterations in *Channa punctatus*’ in the National Conference on “Emerging Trends in Biological Science: A North East India Perspective (ETBS 2023)” organized by Department of Biotechnology and Bioinformatics, North-Eastern Hill University, Shillong Meghalaya.
- 29.01.2023-31.01.2023. Mr. Pritam Paul pursuing Ph.D. under the supervision of **Prof. Samar Kumar Saha**, presented poster entitled “Bioaccumulation of cadmium in *Tubifex* sp.” in the International Level Conference on “Strategies for promotion and conservation of environment and native species to protect and restore the nature” organized by the Environment and Social Welfare Society, Khajuraho, Madhya Pradesh.
- 29.01.2023-31.01.2023. Mr. Mriganka Das pursuing Ph.D. under the supervision of **Prof. Samar Kumar Saha**, presented poster entitled “Teratogenicity of telmisartan in chick embryo” in the International Level Conference on “Strategies for promotion and conservation of environment and native species to protect and restore the nature” organized by the Environment and Social Welfare Society, Khajuraho, Madhya Pradesh.
- 10.11.2022-12.11.2022. Ms. Chandrani Mondal pursuing Ph.D. under the supervision of **Prof. Larisha M. Lyndem**, presented poster entitled “Gallic acid: The effect on the cestode *Hymenolepis diminuta*” at the National Seminar on “31st

National Congress of Parasitology on Global Technological Advancements in the Diagnosis and Sustainable Control of Parasitic Diseases” organized by The Indian Society for Parasitology in collaboration with the Directorate of Centre for Animal Health Studies, Tamil Nadu Veterinary and Animal Sciences University at Chennai, Tamil Nadu.

- 10.11.2022-12.11.2022. Mr. Anirban Kundu pursuing Ph.D. under the supervision of **Prof. Larisha M. Lyndem**, presented poster entitled “Prevalence of soil-transmitted helminthic infection in West Bengal, India in current scenario” at the National Seminar on “31st National Congress of Parasitology on Global Technological Advancements in the Diagnosis and Sustainable Control of Parasitic Diseases” organized by The Indian Society for Parasitology in collaboration with the Directorate of Centre for Animal Health Studies, Tamil Nadu Veterinary and Animal Sciences University at Chennai, Tamil Nadu.
- 10.11.2022-12.11.2022. Ms. Mou Singha Ray pursuing Ph.D. under the supervision of **Prof. Larisha M. Lyndem**, presented poster entitled “Use of phenolic compounds as anthelmintic agents: An approach” at the National Seminar on “31st National Congress of Parasitology on Global Technological Advancements in the Diagnosis and Sustainable Control of Parasitic Diseases” organized by The Indian Society for Parasitology in collaboration with the Directorate of Centre for Animal Health Studies, Tamil Nadu Veterinary and Animal Sciences University at Chennai, Tamil Nadu.
- 20.01.2023-22.01.2023 Ms. Sudeshna Mandal pursuing Ph.D. under the supervision of **Prof. Larisha M. Lyndem**, delivered oral presentation entitled “Evaluation of two newly isolated indigenous probiotics against tapeworm infection induced in rats” at the International Seminar on “45th All India Cell Biology Conference, Varanasi” organized by the Department of Zoology, Institute of Science, Benaras Hindu University, Varanasi, Uttar Pradesh.
- 20.01.2023-22.01.2023 Ms. Chandrani Mondal pursuing Ph.D. under the supervision of **Prof. Larisha M. Lyndem**, presented poster entitled “Alteration of architecture in the zoonotic rat tapeworm *Hymenolepis diminuta* induced by two phenolic compounds Galic acid and Catechin” at the International Seminar on “45th All India Cell Biology Conference, Varanasi” organized by the Department of Zoology, Institute of Science, Benaras Hindu University, Varanasi, Uttar Pradesh.

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- 23.11.2022-25.11.2022. Mr. Soumyajyoti Ghosh, UGC-SRF pursuing Ph.D. under the supervision of **Prof. Sudipta Maitra**, delivered an oral presentation entitled “Participation of molecular determinants in the pre-ovulatory follicles of zebrafish (*Danio rerio*): regulating the release of eggs” in the “International Conference on Impact of Climate Change on Aquatic Life and Mitigation Measures for a Sustainable Blue Economy (ICCAMS 2022)” organized by PG & Research Department of Zoology, Fatima Mata National College (Autonomous), Kollam, Kerala.
- 23.11.2022-25.11.2022. Ms. Sampurna Karmakar pursuing Ph.D. under the supervision of **Prof. Sudipta Maitra**, presented a poster entitled “Low dose BPA modulation of hematology, serum biochemistry, tissue architecture and redox balance in *Anabas testudineus*” in the “International Conference on Impact of Climate Change on Aquatic Life and Mitigation Measures for a Sustainable Blue Economy (ICCAMS 2022)” organized by the PG & Research Department of Zoology, Fatima Mata National College (Autonomous), Kollam, Kerala.
- 19.09.2022-23.09.2022. Mr. Snehasish Nag pursuing Ph.D. under the supervision of **Dr. Rakesh Kundu**, presented a paper entitled “Fetuin-A promotes lipid induced DPP4 expression in pancreatic beta cells” in the Annual Meeting of the “58th European Association for the Study of Diabetes (EASD 2022)” organized by EASD in the Stockholm, Sweden.
- 20.01.2023-22.01.2023. Mr. Snehasish Nag pursuing Ph.D. under the supervision of **Dr. Rakesh Kundu**, presented a paper entitled “Fetuin-A potentiates free fatty acid induced DPP 4 expression in pancreatic beta cells through TLR4-NF-kB pathway” in the “45th All India Cell Biology Conference and International Symposium on Biology of Development and Disease (AICBC)” organized by the Department of Zoology, Banaras Hindu University, Varanasi, Uttar Pradesh.
- 20.01.2023-22.01.2023. Ms. Oindrila Mukherjee pursuing Ph.D. under the supervision of **Dr. Rakesh Kundu**, presented a paper entitled “Vildagliptin reduces Dipeptidyl peptidase-4 expression and lipid accumulation in pancreatic beta cells and promotes insulin secretion” in the “45th All India Cell Biology Conference and International Symposium on Biology of Development and Disease (AICBC)” organized by the Department of Zoology, Banaras Hindu University, Varanasi, Uttar Pradesh.

- 16.03.2023-18.03.2023. Ms. Samanwita Mandal pursuing Ph.D. under the supervision of **Dr. Rakesh Kundu**, presented a paper entitled “CD36 plays key role in regulating lipid accumulation and inflammation in mouse insulinoma cell” in the “8th International Conference on Molecular Signaling and 4th CeSin Symposium (ICMS-CS 2023)” organized by the Indian Institute of Chemical Biology (CSIR-IICB), Kolkata.
- 08.07.2022–09.07.2022. Dr. Shirsha Mondal who did Ph.D. under the supervision of **Dr. Sutapa Mukherjee**, presented a paper entitled “Alterations in cytokine levels mediate phthalate toxicity in male mice” in the virtual National Seminar “48th Annual Conference of Indian Immunology Society – Infections, Vaccines & Immuno-Innovations for Human Health” organized by the Department of Molecular and Human Genetics, Banaras Hindu University, Varanasi, Uttar Pradesh.
- 08.07.2022–09.07.2022. Ms. Suktara Guria pursuing Ph.D. under the supervision of **Dr. Sutapa Mukherjee**, presented a paper entitled “Regulation of murine adipose tissue macrophage content and activation in obesity-induced insulin resistance” in the virtual National Seminar “48th Annual Conference of Indian Immunology Society – Infections, Vaccines & Immuno-Innovations for Human Health” organized by the Department of Molecular and Human Genetics, Banaras Hindu University, Varanasi, Uttar Pradesh.
- 20.01.2023-22.01.2023. Mr. Soumyadeep Basu pursuing Ph.D. under the supervision of **Dr. Sutapa Mukherjee**, presented a paper entitled “Testicular dysfunction in obese mice induced by high dietary fat and its amelioration” in the “45th All India Cell Biology Conference and International Symposium on Biology of Development and Disease (AICBC)” organized by the Department of Zoology, Banaras Hindu University, Varanasi, Uttar Pradesh.
- 20.01.2023-22.01.2023. Ms. Suktara Guria pursuing Ph.D. under the supervision of **Dr. Sutapa Mukherjee**, presented a paper entitled “Proinflammatory effects of fetuin-A in mediating obesity induced insulin resistance” in the “45th All India Cell Biology Conference and International Symposium on Biology of Development and Disease (AICBC)” organized by the Department of Zoology, Banaras Hindu University, Varanasi, Uttar Pradesh.
- 20.01.2023-22.01.2023. Ms. Anupama Hoory pursuing Ph.D. under the supervision of **Dr. Sutapa Mukherjee**, presented a poster entitled “Heterogeneity and

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functions of adipose tissue macrophages in obesity” in the “45th All India Cell Biology Conference and International Symposium on Biology of Development and Disease (AICBC)” organized by the Department of Zoology, Banaras Hindu University, Varanasi, Uttar Pradesh.

- 20.01.2023-22.01.2023. Mr. Partha Chakrobarty pursuing Ph.D. under the supervision of **Dr. Sutapa Mukherjee**, presented a paper entitled “Administration of lower levels of diethyl phthalate disrupts fish metabolism and reproductive function” in the “45th All India Cell Biology Conference and International Symposium on Biology of Development and Disease (AICBC)” organized by the Department of Zoology, Banaras Hindu University, Varanasi, Uttar Pradesh.

Ongoing Research Projects in the Department

- Name of the Teacher: Prof. Sudipta Maitra (PI); Prof. Ansuman Chattopadhyay (Co-PI), Dr. Sutapa Mukherjee (Co-PI) in collaboration with the Central Institute of Freshwater Aquaculture (ICAR-CIFA), Bhubaneswar and the Central Inland Fisheries Research Institute (ICAR-CIFRI), Barrackpore, West Bengal
Name of the Project: ‘Assessment of endocrine disruption in fish reproduction’
Sponsoring Agencies: Department of Biotechnology (DBT), Govt. of India (BT/PR28560/AAQ/3/919/2018)
Amount Sanctioned: Visva-Bharati component: Rupees 1,01,60,640/-
- Name of the Teacher: Prof. Ansuman Chattopadhyay (PI); Principal Collaborator from UGC-DAE CSR: Dr. Anindita Chakraborty.
Name of the Project: ‘Enhancement of radio-sensitivity in cancer cells by depleting intracellular Nrf2 level’
Sponsoring Agencies: UGC-DAE Consortium for Scientific Research (Sanction No. CRS/2021-22/02/520 dated 29.03.2022)
Amount Sanctioned: Rupees 2,58,360/-
Name of the Teacher: Dr. Chandan Malick (PI), Kalna College & Prof. Dipak Kumar Mandal (Mentor), Visva-Bharati
- Name of the Project: ‘The influence of water temperature on olfactory system sensitivity in wild and laboratory-reared zebrafish (*Danio rerio*)’
Sponsoring Agencies: Science and Engineering Research Board (SERB), Govt. of

India (Sanction No. TAR/2022/000661, dated 06.10. 2022)

Amount Sanctioned: Total amount - Rs. 18,30,000/- (Visva-Bharati component - Rs. 7,50,000/-)

- Name of the Teacher: Dr. Arup Mistri (PI), The University of Burdwan & Prof. Sudipta Maitra (Mentor), Visva-Bharati
Name of the Project: 'Role of certain herbal products in the healing of cutaneous wound in an Indian major carp'
Sponsoring Agencies: Science and Engineering Research Board (SERB), Govt. of India (Sanction No. TAR/2022/000560, dated 29.10.2022)
Amount Sanctioned: Total amount - Rs. 18,30,000/- (Visva-Bharati component - Rs. 3,35,000/-)
- Name of the Teacher: Dr. Vinod Kumar Chauhan (PI)
Name of the Project: "Identification and characterization of molecular marker(s) for early detection of pebrine disease in *Bombyx mori*".
Sponsoring Agencies: Science and Engineering Research Board (SERB), Govt. of India (Sanction No: SRG/2021/000936) Amount Sanctioned: Rupees 28,71,000/-
- Name of the Teacher: Dr. Rakesh Kundu (PI)
Name of the Project: "Elucidating the role of CD36 and its association with Fetuin-A-TLR4 pathway in promoting pancreatic beta cell inflammation, lipid accumulation and insulin secretory defects in diabetic mice models".
Sponsoring Agencies: Science and Engineering Research Board (SERB), Govt. of India (Sanction No: SERB-CRG/2022/007004)
Amount Sanctioned: Awaiting

Extension activities/NSS/Cultural and other activities organized by the Department and participated by the Teachers and students of the Department.

- 23.05.2022-03.06.2022. The Department organized a **NET Coaching Program** with the aim of helping the aspiring students of National level Entrance examinations, 2022. Regular classes were conducted from 5:00 p.m. onwards. The research scholars and students actively participated in the program.

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- 28.05.2022. The Department organized a **Freshers' welcome-cum-get together** program.
- 12.09.2022. The Department celebrated **Teachers' Day** with a cultural program.
- 28.02.2023. The Department celebrated **National Science Day** with a Seminar talk.

Academic distinctions gained by Teachers/ Scholars or the Department as a whole (Like recognition as Department of Special Assistance (D.S.A.) or Centre for Advanced Studies (C.A.S.), etc.)

- 28.12.2022. Prof. Ansuman Chattopadhyay has been elected as **Fellow of West Bengal Academy of Science & Technology (WAST)**.
- Prof. Samar Kumar Saha has been recognized as **Handling Editor**: Frontier in Drug Discovery (Frontiers).
- 16.07.2022. Prof. Samar Kumar Saha served as **Adjudicator for the S.P. Basu Memorial Award 2022** Zoological Society, Kolkata.
- 12.08.2022. Prof. Samar Kumar Saha was selected as **Subject Expert of the Selection Committee** for CAS from Assistant Professor to Associate Professor of T.D.B. College, Ranigunge, Kazi Nazrul University Asansol, West Bengal.
- Prof. Samar Kumar Saha served as **PG BOS Member** in Zoology, The University of Burdwan UG BOS member in Animal Science, Kazi Nazrul University, Asansol; **PG BOS member** in Animal Science, Kazi Nazrul University, Asansol and **PG BOS member** in Conservation Biology, Kazi Nazrul University, Asansol, West Bengal.
- Prof. Samar Kumar Saha has been the **External Member of the Research Advisory Committee** in Zoology, Cooch Behar Panchanan Barma University, West Bengal.
- Prof. Dipak Kumar Mandal has been selected as **External Member of the Doctoral Committee** in the Department of Zoology, University of Burdwan, Bardhaman, West Bengal.
- Prof. Dipak Kumar Mandal has been selected as **External Member of the UG BOS** of Zoology, Bankura University, Bankura, West Bengal.
- Prof. Dipak Kumar Mandal has been selected as **External Member of the Board of Research Studies (BRS)** in the Department of Environmental Science, University of Burdwan, Bardhaman, West Bengal.

- Prof. Sudipta Maitra has been recognized in the Editorial Board as **Review Editor** for “Experimental Endocrinology” and “Reproduction” under Frontiers in Endocrinology.
- Prof. Sudipta Maitra has been recognized in the Editorial Board as **Associate Editor** for “Comparative Immunology” under Frontiers in Immunology.
- Prof. Sudipta Maitra has been appointed as **Director, IQAC** of Visva-Bharati w.e.f. 23.09.2022.
- Dr. Rakesh Kundu received **SIRE (SERB International Research Experience) Visiting Scientist** scheme from SERB, Govt. of India, for visiting the University of Bremen, Germany, 2022 for a short-term research visit.
- 15.02.2023. Dr. Paritosh Mondal, who did Ph.D. under the supervision of Prof. Ansuman Chattopadhyay, has joined as a **Post-doctoral fellow** under the mentorship of Prof. Takuya Sakaguchi at the Lerner Research Institute, Cleveland Clinic.
- 14.03.2023. Dr. Pallab Shaw, who did Ph.D. under the supervision of Prof. Ansuman Chattopadhyay, has joined as a **Post-doctoral fellow** at the University of Oklahoma Health Sciences Center, Oklahoma.
- Mr. Snehasish Nag pursuing Ph.D. under the supervision of Dr. Rakesh Kundu, received **Travel Grant Award from EASD** for attending the Annual Meeting of the 58th European Association for the Study of Diabetes (EASD 2022).
- 24.11.2022-25.11.2022. Ms. Ragini Sinha pursuing Ph.D. under the supervision of Prof. Dipak Kumar Mandal, **awarded 1st Position in Poster Presentation** entitled ‘Hematological and biochemical alterations in *Labeo bata* on chronic exposure to di-n butyl phthalate (DBP)’ in the International Conference on “Environment and Sustainable Development (ICESD 2022)” organized by Biotech Kishan Hub, NEHU, Tura Campus, Shillong, Meghalaya.
- 29.01.2023-31.01.2023. Ms. Netri Datta pursuing Ph.D. under the supervision of Prof. Samar Kumar Saha, received **Second Best Presentation Award** for Oral presentation entitled “Cleaning symbiosis between *Macrobrachium lamarrei* H. Milne-Edwards and *Labeo rohita* Hamilton: An approach for biological control of *Argulus bengalensis* Ramakrishna” in the International Level Conference on “Strategies for promotion and conservation of environment and native species to protect and restore the nature” organized by the Environment and Social Welfare Society, Khajuraho, Madhya Pradesh.

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- 29.01.2023-31.01.2023. Mr. Dutimoy Mukherjee pursuing Ph.D. under the supervision of Prof. Samar Kumar Saha, received **Best Poster presentation Award for** poster entitled “Effects of hydroxychloroquine (HCQ) upon development of chick embryo” in the International Level Conference on “Strategies for promotion and conservation of environment and native species to protect and restore the nature” organized by the Environment and Social Welfare Society, Khajuraho, Madhya Pradesh.
- 10.11.2022-12.11.2022. Ms. Sudeshna Mandal pursuing Ph.D. under the supervision of Prof. Larisha M. Lyndem, received **Best Poster Presentation Award** for poster entitled “*Hymenolepis diminuta* alters Lactic acid fermented bacteria colonization in small intestine of rat” at the National Seminar on “31st National Congress of Parasitology on Global Technological Advancements in the Diagnosis and Sustainable Control of Parasitic Diseases” organized by The Indian Society for Parasitology in collaboration with the Directorate of Centre for Animal Health Studies, Tamil Nadu Veterinary and Animal Sciences University at Chennai, Tamil Nadu.
- 10.11.2022-12.11.2022. Ms. Samiparna Saha pursuing Ph.D. under the supervision of Prof. Larisha M. Lyndem, received **Best Poster Presentation Award** for poster entitled “Anthelmintic efficacy of Ferulic Acid on zoonotic rat tapeworm, *Hymenolepis diminuta* Rudolphi, 1819)” at the National Seminar on “31st National Congress of Parasitology on Global Technological Advancements in the Diagnosis and Sustainable Control of Parasitic Diseases” organized by The Indian Society for Parasitology in collaboration with the Directorate of Centre for Animal Health Studies, Tamil Nadu Veterinary and Animal Sciences University at Chennai, Tamil Nadu.
- 29.01.2023-31.01.2023. Ms. Samiparna Saha pursuing Ph.D. under the supervision of Prof. Larisha M. Lyndem, received **Best Poster Presentation Award** for poster entitled “*In vitro* anthelmintic efficacy of two hydroxycinnamic acids against zoonotic rat tapeworm, *Hymenolepis diminuta* (Rudolphi, 1819)” at the International Seminar on “ESW X Annual Research Conference” organized by the Environment and Social Welfare Society, Khajuraho, Madhya Pradesh.
- 23.11.2022-25.11.2022. Mr. Sambuddha Banerjee, DST-INSPIRE JRF pursuing Ph.D. under the supervision of Prof. Sudipta Maitra, received **Best Poster Presentation award** for poster entitled “Bisphenol A alteration of neuroendocrine

axis pertinent to reproductive fitness in adult female climbing perch” and was in the “International Conference on Impact of Climate Change on Aquatic Life and Mitigation Measures for a Sustainable Blue Economy (ICCAMS 2022)” organized by the PG & Research Department of Zoology, Fatima Mata National College (Autonomous), Kollam, Kerala.

- 16.03.2023-18.03.2023. Mr. Snehasish Nag pursuing Ph.D. under the supervision of Dr. Rakesh Kundu, received **Best Poster Award** for papaer entitled “DPP-IV expression in the pancreatic beta cells: Role of free fatty acid and Fetuin-A therein” in the 8th International Conference on Molecular Signaling and 4th CeSin Symposium (ICMS-CS 2023) organized by the Indian Institute of Chemical Biology (CSIR-IICB), Kolkata.

Publications:

Book chapter

- O. Sarkar · K. K. Dey · S. Islam · **A. Chattopadhyay** (2022): “Lead and aquatic ecosystems, biomarkers and implications for humankind.”. Biomarkers in Toxicology, Biomarkers in Disease: Methods, Discoveries and Applications, doi. https://doi.org/10.1007/978-3-030-87225-0_58-1

Research Papers in Peer reviewed/ Refereed/ UGC-CARE/ ICAR-NAAS listed journals:

- Islam, S., Kamila, S., **Chattopadhyay, A.** (2022). Toxic and carcinogenic effects of hexavalent chromium in mammalian cells in vivo and in vitro: a recent update. *Journal of Environmental Science and Health, Part C*, doi. 10.1080/26896583.2022.2158675.
- Taniya, S., Khanra, S., Dey Bhowmik, A., Bandyopadhyay, A., Chatterjee, S., **Chattopadhyay, A.**, & Debasis Das (2022). A new Fe(III) complex derived from cyclohexane based imine derivative: Studies on H₂PO₄⁻ recognition and anti-cancer activity against MCF7 and MDA-MB-231 human breast cancer cells. *Chemistry Select*, doi. 10.1002/slct.202203054.
- Baul, T. S. B., Hlychho, B., Addepalli, M. R., Duthie, A., Sarkar, O., Dey Bhowmik, A., **Chattopadhyay, A.**, Vasquez-Rios, M.G. & Höpfl, H. (2022). Synthesis and structures of diorganotin (IV) Schiff base complexes [R₂Sn (L) Cl₂]

- and their proliferative responses on breast cancer cells. *Journal of Molecular Structure*, 134827, doi. 10.1016/j.molstruc.2022.134827.
- Mondal, P., Mukhopadhyay, D., Shaw, P., Dey Bhowmik, A., & **Chattopadhyay, A.** (2022). Environmentally relevant fluoride alters nuclear integrity in erythrocytes and induces DNA damage in hepatocytes of zebrafish. *The Nucleus*, 1-9.
 - Nag, S., Mondal, A., Hirani H., Dey Bhowmik, A., **Chattopadhyay, A.**, & Banerjee, P. (2022). A dual-responsive bio-amicable fluorophore for trace level recognition of Zn²⁺ and Cd²⁺: Prefatory diagnosis of neoplastic disease from urine and ALS from saliva. *Journal of Photochemistry & Photobiology, A: Chemistry*, 433, 114133.
 - Mandal, S., Dey Bhowmik, A., Mukhuty, A., Kundu, S., Truong, K. N., Rissanen, K., **Chattopadhyay, A.**, & Sahoo, P. (2022). Reliable fluorescence technique to detect the antibiotic colistin, a possible environmental threat due to its overuse. *Scientific Reports*, 12, 1-8.
 - Saha, B., & **Saha, S. K.** (2022). Phytochemical Analysis of *Acacia auriculiformis* Pericarp through Liquid Chromatography-Electrospray Ionization-Mass Spectrometry. *Indian Journal of Pharmaceutical Sciences*, 84 (3), 660-668. doi: 10.36468/pharmaceutical-sciences.961.
 - Mandal, S., Mondal, C., Mukherjee, T., Saha, S., Kundu, A., Ghosh, S & **Lyndem, L.M.** (2022). *Hymenolepis diminuta* reduce lactic acid bacterial load and induce dysbiosis in the early infection of the probiotic colonization of Swiss Albino rat. *Microorganisms* 10 (12):2328 <https://doi.org/10.3390/microorganisms10122328>.
 - Tarai, S.K., Pan, A., Das, S., Bhaduri, R., Mandal, S., **Maitra, S.** & Moi, S.C.(2022). Anticancer property and normal cell toxicity profile of pyrrolidine-based platinum (II) complexes: Their DNA, BSA interaction, and molecular docking. *Applied Organometallic Chemistry*, 36, p.e6859. doi: 10.1002/aoc.6859.
 - Choudhury, S. and **Saikia, S.K.** (2022). Use of zebrafish as a model organism to study oxidative stress: A review. *Zebrafish*, 19(5), 165-176. doi: <https://doi.org/10.1089/zeb.2021.0083>.
 - Bali, G. K., Singh, S. K., **Chauhan, V. K.**, Joshi, N., Bhat, F. A., Malla, W. A., Ramanujam, B., Varshney, R., Kour, M. and Pandit, R.S (2022). An insight in proteome profiling of *Tutaabsoluta* larvae after entomopathogenic fungal infection. *Scientific Data*, 9(1), 507.//doi.org/10.1038/s41597-022-01593-y.

- Chatterjee, K., Roy, S. D., Chakraborty, K., Haque, A., Chakrabarti, S., Mukherjee, S., . . . Choudhuri, T. (2022). Lifestyle, Epstein-Barr virus infection, and other factors could impede nasopharyngeal cancer survivorship: a five-year cross-sectional study in North Eastern India. *Virus Disease*, 33(4), 371-382. doi:10.1007/s13337-022-00789-5
- Ghosh, P., Dey, K. K., **Chattopadhyay, A.**, & Sahoo P. (2023). A facile turn-on luminescence technique to trap hydrazine and its application in button mushroom (*Agaricus bisporus*). *New Journal of Chemistry*, doi.10.1039/D3NJ00504F.
- **Saikia, S.K.** (2023)._Aquatic resources and feed diversification: Reviewing three case studies from South East Asia with a viewpoint of trophic intensification in rice fish culture. *Aquaculture and Fisheries* (available online).doi: https://doi.org/10.1016/j.aaf.2023.01.006.
- Guria, S., Hoory, A., Das, S., Chattopadhyay, D. & **Mukherjee, S.** (2023) Adipose tissue macrophages and their role in obesity-associated insulin resistance: an overview of the complex dynamics at play. *Bioscience Reports* 43(3):BSR20220200; https://doi.org/10.1042/BSR20220200.
- Nag, S., Mandal, S., Majumdar, T., Mukhopadhyay, S. & **Kundu, R.** (2023). FFA-Fetuin-A regulates DPP-IV expression in pancreatic beta cells through TLR4-NFkB pathway. *Biochemical and Biophysical Research Communications*, 647: 55-61.

Number of papers published in Peer/reviewed journals: 16

Designing New Course/Curriculum or any other teaching innovations introduced by the Department.

- The Department has undertaken Revision of the Ph.D. Course Work syllabus following the prescribed guidelines of UGC.
- The Department is actively engaged in designing the 4 Y Undergraduate Course following NEP 2020. The course structure has been designed and the detailed content is being prepared.

DEPARTMENT OF BOTANY

Name of the Students qualified in UGC/CSIR/NET/SLET/GATE

- Students qualified NET: Babai Hazra, Kunal Saha, Papari Saha, Sitanshu Das
- Students qualified GATE (Life Sciences): Arijit Das, Debjyoti De, Debjyoti Saha, Kalyan Nandi, Prosenjit Mondal, Soumyajeet Sarkar, Sunipa Kamilya, Toton Das
- Students qualified SET: Arka Mandal, Bidisha Patra, Mohammed, Moumita Parveen, Soumitra Halder
- Students qualified JAM: Soham Das
- Students qualified JGEEBILS: Soham Das

Departmental Seminar (Speakers, Title of the Seminar, Date)

- 16.01.2023. Prof. Adinpuniya Mitra, Professor, AGFE Department, Indian Institute of Technology, Kharagpur, India delivered a special lecture on the topic “Biology of Floral Scent Emission- Many New Questions.”
- 20.02.2023. Dr. Debabrta Laha, Assistant Professor, Indian Institute of Science, Bangalore, India delivered a special lecture on the topic “Cell signalling by inositol phosphate in plants.”
- 14.11.2022. Dr. Sohini Banerjee, Postdoctoral Associate, Department of obstetrics and Gynaecology, Baylor College of Medicine, Texas Children’s Hospital, Houston, USA; delivered a special lecture on the topic “Bacterial community shifts in different microenvironments and its implications in health and diseases.”

National and International standard Conference /Seminar /Workshop / Exhibition etc.

Faculty Members

Narayan Chandra Mandal

- 02.02.2023-03.02.2023. Invited as Guest of Honor and Chaired a session in the International conference on “Biotic and Abiotic Stress of Crop Plants and their Sustainable Management” organized by Department of Plant Pathology, Palli Siksha Bhavana, Visva-Bharati, Santiniketan, West Bengal.

Chowdhury Habibur Rahaman

- 13.02.2023. Delivered a lecture entitled “Ethnobotany research in India: Its past and present scenario” in an *International Symposium* on ‘Plant Taxonomy, Ethnobotany and Botanic Garden’ organized by Botanical Survey of India, Govt. of India, Kolkata, W.B.

Soma Sukul

- 26.11.2022. Presented a paper in XVII Conference of the Indian Fern Society and National Symposium, November 25-27, 2022, organized by Mansarovar Global University jointly by the Indian Fern Society at the Mansarovar Dental College, Bhopal, MP.
- 27.11.2022. Chaired a session in technical session in XVII Conference of the Indian Fern Society and National Symposium, November 25-27, 2022, organized by Mansarovar Global University jointly by the Indian Fern Society at the Mansarovar Dental College, Bhopal, MP.

Jnanendra Rath

- 08.09.2022. Delivered an online lecture entitled, “Micro-algal Diversity of Ajodhya Hills, Purulia” in the International e-Conference “Phycology Webinar 2022” organized by Probir Chatterjee Research Foundation & Dept. of Botany, University of Calcutta, West Bengal.
- 08.09.2022. Delivered an online lecture entitled, “Exploration of microalgal diversity of different wetlands of West Bengal in correlation with Physio-chemical parameter.” in the **International** e-Conference “Phycology Webinar 2022” organized by Probir Chatterjee Research Foundation & Dept. of Botany, University of Calcutta, West Bengal.
- 08.09.2022. Delivered an online lecture entitled, “Phycoremediation potential of *Allinostoc* sp. for removal of arsenic from contaminated water” in the international e-Conference “Phycology Webinar 2022” organized by Probir Chatterjee Research Foundation & Dept. of Botany, University of Calcutta, West Bengal.
- 11.11.2022. Delivered an online lecture entitled, “Microbiome of 7th-century old parsurameswara stone monument of India, and role of desiccation-tolerant cyanobacteria on its biodeterioration’ organized by European Conference on Biodeterioration of Stone Monuments, Rome, Italy.

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Adani Lokho

- 08.11.2022. Delivered lecture entitled “Traditional Cultivation of Fibre Crop Sunnhemp (*Crotalaria juncea* L.) in Birbhum District of West Bengal, India” in one day International Seminar on “Emerging Trends in Biological Sciences” organized by Department of Botany, Suri Vidyasagar College (Affiliated to University of Burdwan), Suri, Birbhum District, West Bengal-731101.
- 08.11.2022. Chaired a session in Poster Presentation in one day International Seminar on “Emerging Trends in Biological Sciences” organized by Department of Botany, Suri Vidyasagar College (Affiliated to University of Burdwan), Suri, Birbhum District, West Bengal-731101.
- 13.02.2023. Delivered lecture entitled “Medicinal plants used by the local healers in Senapati District, Manipur, India” in an International Symposium on “Plant Taxonomy, Ethnobotany and Botanic Gardens” organized by Botanical Survey of India (BSI), Kolkata.
- 14.02.2023. Delivered lecture entitled “Endemic, rare and interesting plants of Koderma Wildlife Sanctuary, Jharkhand: threats and mitigation” in an International Symposium on “Plant Taxonomy, Ethnobotany and Botanic Gardens” organized by Botanical Survey of India (BSI), Kolkata.
- 02.02.2023-03.02.2023. Delivered lecture entitled, “Analysis of Cost and Returns of Pulse Crop in Birbhum District, West Bengal, India” in an “International Conference on Biotic and Abiotic Stress of Crop Plants and Their Sustainable management” organized by Department of Plant Pathology, Institute of Agriculture (PSB), Visva Bharati.

Bomba Dam

- 02.03.2023 - 04.03.2023. Delivered an Invited lecture entitled, “Organic interventions to improve broiler health by modulating its gut microbiome” in the Three days International conference on “Advances in Plants, Microbes and Agricultural Sciences” organized by the Department of Botany, University of North Bengal, West Bengal.
- 02.03.2023 - 04.03.2023. Chaired a session in the Three days International conference on “Advances in Plants, Microbes and Agricultural Sciences” organized by the Department of Botany, University of North Bengal, West Bengal, India

Nandlal Mandal

- 08.11.2022. Delivered an oral presentation entitled “Growth promotion attributes and efficacy of wheat rhizosphere fungi” in a one-day International seminar on “Emerging trends in biological science” Organized by Department of Botany, Suri Vidyasagar college, West Bengal.
- 02.02.2023-03.02. 2023. Delivered an oral presentation entitled “Application of rhizosphere fungi for accelerating plant growth and soil augmentation” in an International Conference on “Biotic and Abiotic Stress of Crop Plants and their Sustainable Management” Organized by Department of Plant Pathology, Palli Siksha Bhavana (Institute of Agriculture) Visva-Bharati, Sriniketan, West Bengal.

Anjalika Roy

- 08.11.2022. Chaired a poster session in an International Seminar on “Emerging Trends in Biological Sciences” organized by Suri Vidyasagar College, Suri, Birbhum-731101, W.B.

Anindya Biswas

- 02.03.2023-04.03.2023. Delivered a lecture entitled, “Light controls the virulence and social behaviour of *Xanthomonas*.” in the Three days International conference on “Advances in Plants, Microbes and Agricultural Sciences” organized by the Department of Botany, University of North Bengal, West Bengal, India.

Research Scholars

Abhinaba Chakraborty

- 02.03.2023-04.03.2023. Delivered a lecture entitled “Isolation, characterization and application of coliphages as feed additive for broiler poultry farming” in the Three days International conference on “Advances in Plants, Microbes and Agricultural Sciences” organized by the Department of Botany, University of North Bengal, West Bengal, India.

Debarati Pramanick

- 08.11.2022. Presented a poster entitled “Phytochemical analysis and antibacterial screening of leaf extract (Agaru/ gaharu) of *Aquilaria malaccensis* from Tripura” in

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an International Seminar on “Emerging Trends in Biological Sciences” organized by Suri Vidyasagar College, Suri, Birbhum-731101, W.B.

Debolika Dalal

- 08.11.2022. Delivered an oral presentation entitled, “Biocontrol of aflatoxigenic *Aspergillus flavus* growth by wheat rhizosphere fungi” in a one-day International seminar on “Emerging trends in biological science” organized by the Department of Botany, Suri Vidyasagar college, West Bengal.

Debosmita Mukherjee

- 20.02.2023-03.02.2023. Delivered an oral presentation entitled, “Root colonizing, phytostimulating, and Cd tolerant leaf endophytic fungi *Colletotrichum* spp. for improving the growth of Cd stressed rice seedlings” in the International Conference on “Biotic and Abiotic Stress of Crop Plants and their Sustainable Management” organized by **Department of Plant Pathology**, Palli Siksha Bhavana, Visva-Bharati and secured First position under the subtheme, ‘Interaction between crop host and disease-causing agent.’

Mohit Lal Kumar

- 06.03.2023 Delivered an offline lecture entitled, “Comparative analysis of soil properties of some selected dry deciduous forests of West Bengal” in an International Conference on ‘Opportunities and Challenges in Biological Science and Sports Science’ organized by Gushkara Mahavidyalaya, Guskara, West Bengal.

Pralay Shanker Gorai

- 09.01.2023-10.01.2023. Delivered an oral presentation entitled, “Endophyte *Bacillus siamensis* CNE6 inhibits the pathogen *Fusarium solani* CRP1 causing Black root disease in *Cicer arietinum* L. by producing secondary antifungal metabolites and through inducing plant defense genes” in 5th Regional Science & Technology Congress-2022-23, Region no. 6, West Bengal.

Puja Mukherjee

- 02.03.2023-04.03.2023. Delivered a lecture entitled “Hypersaline environments as potential target for quorum quenching microorganisms” in the Three days

International conference on “Advances in Plants, Microbes and Agricultural Sciences” organized by the Department of Botany, University of North Bengal, West Bengal, India.

Rajarshi Bhattacharya

- 02.03.2023. Participated and presented a paper entitled “Development of Next generation genome editing platform in Lactic acid bacteria” as a poster presentation in International APMAS-2023 organized by Department of Botany, University of North Bengal.

Raju Biswas

- 02.03.2023-04.03.2023. Delivered a lecture entitled, “Biofertilizer potential of potassium solubilizing bacteria from coal mines and red-lateritic soil” in the Three days international conference on “Advances in Plants, Microbes and Agricultural Sciences” organized by the Department of Botany, University of North Bengal, West Bengal and secured Best oral presentation award.

Reshma Lakra

- 13.02.2023. Delivered an oral presentation entitled ‘Taxonomic studies of the family Poaceae of Andaman and Nicobar Islands, India’ in the 2nd International Symposium on ‘Plant Taxonomy, Ethnobotany, and Botanic Gardens’ organized by Botanical Survey of India, Kolkata, W.B. held on 13.02.2023 to 14.02.2023.

Riya Chakraborty

- 08.11.2022 Presented a poster entitled ‘Harmful effects and remediation of heavy metal contaminated soil: a review’ in one day International Seminar on ‘Emerging trends in Biological Sciences’ organized by Suri Vidyasagar College, Suri, West Bengal.
- 06.03.2023. Delivered a lecture entitled ‘Heavy metal contamination in soil due to open cast coal mining activity at Raniganj, West Bengal, India’ in an International Conference on ‘Opportunities and Challenges in Biological Science and Sports Science’ organized by Gushkara Mahavidyalaya, Guskara, West Bengal.

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Saikat Mandal

- 08.11.2022. presented a poster entitled “Effect of Glycine and Arginine on in-vitro propagation of *Vanda bensonii*” in an International Seminar on “Emerging Trends in Biological Sciences” organized by Suri Vidyasagar College, Suri, Birbhum-731101, W.B.

Samrat Dutta

- 08.11.2022. presented a poster entitled “Study of microchemical test and efficient PLBs formation from asymbiotic seed germination in *Vanda bensonii*, an endangered orchid species” in an International Seminar on “Emerging Trends in Biological Sciences” organized by Suri Vidyasagar College, Suri, Birbhum-731101, W.B.

Samik Hazra

- 30.7.2022. Delivered an oral presentation entitled, “*In silico* screening and molecular docking study of natural phytochemicals from common Indian spices for identification of potential inhibitors of Breast Cancer” in a National Seminar on ‘Recent Advances in Drug Discovery and Development’ organized by Calcutta Institute of Pharmaceutical Technology & AHS, Uluberia, Howrah, W.B. from 29.7.2022 to 30.7.2022. Secured the 2nd position in the ‘best oral presentation’ category.
- 01.3.2023. Delivered an oral presentation entitled, “Phytochemical Profiling, In Vitro Biological Activities and *In Silico* Molecular Docking Studies of *Cayratia pedata* (Lam.) Juss. exGagnep. Shoot” in a National Seminar on ‘Emerging Trends in Biological Sciences: A North East India Perspective’ organized by Department of Biotechnology and Bioinformatics, North- Eastern Hill University, Shillong in collaboration with Bio-Resources Development Centre, Shillong and BioNEST Bioincubator Facility, NEHU, Tura Campus, Meghalaya from 28.2.2023 to 1.3.2023.

Suman Karmakar

- 14.02.2023. Delivered an oral presentation entitled, “Ethnomedicinal plants used for the treatment of poisonous animal bites among the tribal people of Bankura district, West Bengal, India” in an International Symposium on ‘Plant Taxonomy,

Ethnobotany and Botanic Garden' organized by Botanical Survey of India, Govt. of India, Kolkata, W.B.

Subhayan Chatterjee

- 06.03.2023. Delivered a lecture entitled, "Seasonal variation in water quality of lower stretch of the Ganga based on physicochemical and bacteriological parameters" in an International Conference on 'Opportunities and Challenges in Biological Science and Sports Science' organized by Gushkara Mahavidyalaya, Guskara, West Bengal

Syeda Nurunnesa Begum

- 30.7.2022. Delivered an oral presentation entitled, "Chemical profiling, in-vitro pharmacological activities, and toxicity assessment of *Meynalaxiflora robyns*" in a National Seminar on 'Recent Advances in Drug Discovery and Development' organized by Calcutta Institute of Pharmaceutical Technology & AHS, Uluberia, Howrah, West Bengal.
- 01.3.2023. Delivered an oral presentation entitled, "Unveiling the phytochemical profile, the biological potential of *Adenanthera pavonina* L. bark, and *in silico* molecular docking study of its bioactive compounds with target proteins" in a National Seminar on 'Emerging Trends in Biological Sciences: A North East India Perspective' organized by Department of Biotechnology and Bioinformatics, North- Eastern Hill University, Shillong in collaboration with Bio-Resources Development Centre, Shillong and BioNEST Bioincubator Facility, NEHU, Tura Campus, Meghalaya from 28.2.2023 to 1.3.2023.

Yasodha Subba

- 30.7.2022. Delivered an oral presentation entitled, "Pharmacognostic characterization, phytochemical profiling and selective biological activity studies of *Betulaalnoides* Buch.-Ham.: An ethnomedicinal tree from Teesta Valley, Darjeeling' in a National Seminar on 'Recent Advances in Drug Discovery and Development' organized by Calcutta Institute of Pharmaceutical Technology & AHS, Uluberia, Howrah, W.B.
- 1.3.2023. Delivered an oral presentation entitled, "Ethnomedicinal study of medicinal plants in Darjeeling district, West Bengal, India: The quantitative

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approach” in a National Seminar on ‘Emerging Trends in Biological Sciences: A North East India Perspective’ organized by Department of Biotechnology and Bioinformatics, North- Eastern Hill **University, Shillong** in collaboration with Bio-Resources Development Centre, Shillong and BioNESTBio incubator Facility, NEHU, Tura Campus, Meghalaya

Zinnia Sultana

- 30.7.2022. Delivered an oral presentation entitled, ‘Exploring the antioxidant and antibacterial activities of the gold and silver nanoparticles from *Kigelia africana*’ in a National Seminar on ‘Recent Advances in Drug Discovery and Development’ organized by Calcutta Institute of Pharmaceutical Technology & AHS, Uluberia, Howrah, W.B.

Other Students

Kalyan Nandi, Shreya Pal, Soumyajeet Sarkar and Aishee Chakravorty

- 10.11.2022. A team of four students, M.Sc. Semester-I participated and presented a poster entitled, “Endophytic fungi: friend or foe of plant immune system?” and selected for Best Poster Award, in a national poster presentation competition on celebration of World Science Day for Peace & Development, organized by P.G. Department of Botany, Ramkrishna Mission Vivekananda Centenary College, Rahara, Kolkata, West Bengal.

Ongoing Research Projects:

- Name of the Teacher: Prof. Swadesh Ranjan Biswas
Name of the Project: Development of an efficient food-grade genome engineering platform for Lactic Acid Bacteria using CRISPR-Cas9 of *Lactobacillus fermentum* M1
Sponsoring Agencies: DBT, Govt. of India
Amount Sanctioned: Rs. 64,58,160/-
- Name of the Teacher: Dr. Jnanendra Rath
Name of the Project: Unlocking cryptic and anti-quorum sensing natural products of cyanobacteria from stressed habitats in search of novel antibiotics against antimicrobial resistance

Sponsoring Agencies: SERB, Govt. of India

Amount Sanctioned: Rs. 46,71,370/-

- Name of the Teacher: Dr. Jnanendra Rath
Name of the Project: Exploration of DHA (docosahexaenoic acid) producing algae from wetlands of West Bengal for maternal supplement and neurodevelopment of young children of West Bengal
Sponsoring Agencies: Department of Science and Technology, West Bengal.
Amount Sanctioned: Rs. 10,80,000/-
- Name of the Teacher: Dr. Bomba Dam
Name of the Project: Prebiotic feed supplement for growth improvement of Indian major carps, *Labeo rohita*, *Cirrhinus mrigala* and *Catla catla* under composite culture system: A gut microbiome and nutrigenomics based approach
Sponsoring Agencies: DBT, Govt. of India [Network Project with University of Burdwan], Govt. of India
Amount Sanctioned: Rs. 55,17,000/- (VB Component)
- Name of the Teacher: Dr. Bomba Dam
Name of the Project: Bacteriophages As Potential Feed Additive for Organic Farming of Broiler Chicken
Sponsoring Agencies: SERB, Govt. of India
Amount Sanctioned: Rs. Rs. 41,98,620/-

Academic distinctions gained by Teachers/ Scholars or the Department as a whole (Like recognition as D.S.A. or C.A.S. etc.)

Prof. Narayan Chandra Mandal

- Acted as NAAC Assessor and visited Govt. College, Gulbarga, December 26-27, 2022 as Member Co-ordinator for Peer Team Visit, Track ID: KACOGN10384.

Soma Sukul

- Elected as Fellow of THE INDIAN FERN SOCIETY (Registered under the Societies Registration Act XXI of 1860 as amended by Punjab Amendment Act 1957) during the year 2022.

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Publications:

Book Chapters

Narayan Chandra Mandal

- Koley, A., Bray, D., Banerjee, S., Sarhar, S., Thahir, R.G., Hazra, A.K., Mandal, N.C., Chaudhury, S., Ross, A.B., Camargo-Valero, M.A. and Balachandran, S. (2023). Water Hyacinth (*Eichhornia crassipes*) A Sustainable Strategy for Heavy Metals Removal from Contaminated Water bodies. In Bioremediation of Toxic Metal (loid)s (pp. 95-114). CRC Press.
- Das, S., Gorai, P.S., Goswami, L. and Mandal, N.C. (2023). Endophytic Microbes and Their Role in Land Remediation. In *Bio-Inspired Land Remediation* (pp. 133-164). Cham: Springer International Publishing. https://doi.org/10.1007/978-3-031-04931-6_6
- Mandal S. and Mandal NC., (2022) Current trends and future perspectives of probiotics on human health: An overview in Recent advances and future perspectives in Microbial Metabolites, eds. De Mandal, S. *et al.*, ISBN 978-0-323-90113-0 <https://doi.org/10.1016/B978-0-323-90113-0.00005-5>

Bomba Dam

- Dam B, Pal S, Sar A, Mukherjee P (2022) Halophilic Microorganisms: Diversity, Adaptation and Application. In “Extremophiles: Diversity, Adaptation and Applications” Editors: Alam M, Tiwari BK. Bentham Science Publishers Limited. 146-181. ISBN: 978-981-5080-36-0.

Anjalika Roy

- Ganguli K, Roy A (2022) Tools of recombinant DNA technology. In Debnath S, Manjula I K, Kumar A, Shah K K, (eds.). *Futuristic Trends in Biotechnology*, IIP Proceedings, ISBN: 978-93-95632-83-6 pp 338-350.
- Roy A (2022) Antimalarial Drug: discovery and evolution through ages. In: Chatterjee A, Mandal S (eds.). *Facets of BIOSCIENCES*, Blue Rose Publishers, ISBN: 978-93-5628-086-1 pp 19-30.

Research Papers in Peer reviewed / Refereed /UGC-CARE listed journals:

- Chatterjee, S., Ghosh, S. and **Mandal, N.C.** (2022). Potential of an endophytic fungus *Alternaria tenuissima* PE2 isolated from *Psidium guajava* L. for the

production of bioactive compounds. *South African Journal of Botany*, 150, pp.658-670

- Gorai, P.S., Ghosh, R., Ghosh, S., Samanta, S., Sen, A., Panja, S., Gond, S.K. and **Mandal, N.C.** (2023). Management of Black Root Disease-Causing Fungus *Fusarium solani* CRP1 by Endophytic *Bacillus siamensis* CNE6 through Its Metabolites and Activation of Plant Defense Genes. *Microbiology Spectrum*, pp.e03082-22. DOI:10.1128/spectrum.03082-22.
- Mukherjee, D., Pramanik, K., Mandal, S., and **Mandal, N.C.** (2022). Augmented growth of Cd- stressed rice seedlings with the application of phyto stimulating, root-colonizing, Cd-tolerant, leaf-endophytic fungi *Colletotrichum* spp. Isolated from *Eupatorium triplinerve*. *Journal of Hazardous Materials*, 438, p.129508.
- Kazi, T.A., Acharya, A., Mukhopadhyay, B.C., Mandal, S., Arukha, A.P., Nayak, S., **Biswas, S.R.** (2022). Plasmid-Based Gene Expression Systems for Lactic Acid Bacteria: A Review. *Microorg.* Vol. 10, Page 1132 10, 1132. <https://doi.org/10.3390/MICROORGANISMS10061132>
- Kazi, T.A., Mukhopadhyay, B.C., Mandal, S., **Biswas, S.R.** (2023). Molecular characterization of five novel plasmids from *Enterococcus italicus* SD1 isolated from fermented milk: An insight into understanding plasmid incompatibility. *Gene* 856, 147154. <https://doi.org/10.1016/J.GENE.2022.147154>
- Majumdar, S., Lepcha, G., Kazi, T.A., Pal, I., **Biswas, S. R.**, Dey, B. (2022). Squaric acid driven supramolecular metallo gels of Cd(II) and Zn(II): Sensitive inhibitors for multi-drug resistance ESKAPE pathogens. *J. Mol. Liq.* 368, 120619. <https://doi.org/10.1016/j.molliq.2022.120619>
- Oraon, S., Pal, S. & **Mondal, S.** (2023). Flower-visitor diversity and pollination of Indian olive (*Elaeocarpus floribundus* Blume). *Annals of Applied Biology*, 182(2), 183-191. <https://doi.org/10.1111/aab.12808>.
- Oraon, S., Pal, S., Bhandari, P. & **Mondal, S.** (2022). Spider web: A natural sampler for analysis of airborne pollen-spores from Santiniketan, West Bengal. *Proceedings of the National Academy of Sciences, India, Section B: Biological Sciences*, 92(4), 919-927. <https://doi.org/10.1007/s40011-022-01383-x>.
- Sarkar, A.K., Oraon, S., **Mondal, S.** & Sadhukhan, S. (2022). Ethnopharmacological and industrial attributes on the underutilized *Arenga* species in India. *Journal of Food Biochemistry*, 46(12), e14441. <https://doi.org/10.1111/jfbc.14441>.

- Ghosh, S., Sen, S.K. & **Mondal, S.** (2022). Ethnobotanical perspectives of *Bakhar*: an indigenous starter culture used to prepare traditionally fermented rice beverage in rural West Bengal, India. *Journal of Ethnic Foods*, 9(26), 1-10. <https://doi.org/10.1186/s42779-022-00143-6>
- Lakra, R., Kumari, P. & **Mondal, S.** (2022). Lectotypification of *Orania nicobarica*, the basionym of *Bentinckia nicobarica* (Arecaceae). *Nelumbo*, 64(1), 332-333. <http://dx.doi.org/10.20324/nelumbo%2Fv64%2F2022%2F169599>
- Lakra, R., Kumari, P. & **Mondal, S.** (2022). Lectotypification of *Areca augusta*, Basionym of *Rhopaloblaste augusta* (Arecaceae). *Journal of Japanese Botany*, 97(5), 270-270. https://doi.org/10.51033/jjapbot.97_5_11195
- Lakra, R., Kumari, P. & **Mondal, S.** (2022). *Arundinella setosa* var. *setosa* (Poaceae): a new record for Andaman and Nicobar Islands, India. *Rheedea*, 32(2): 131-134. <https://dx.doi.org/10.22244/rheedea.2022.32.02.04>
- Biswas, K., Mondal, S. & **Mandal, S.** (2022). Pollination Biology of *Turnera ulmifolia* L. *Science and Culture*, 88(3-4): 129-135. DOI:10.36094/sc.v88.2022.Pollination_Biology_of_Turnera_Ulmifolia_Linn. Biswas_et.al.129
- Choudhury, S., Mondal, S. & **Mandal, S.** (2022). Foraging behaviour and role of honeybees in *Citrus maxima* and its impact on fruit production. *Science and Culture*, 88(9-10): 354-361. DOI: 10.36094/sc.v88.2022.Foraging_behavior_and_Role_of_Honeybees. Choudhury.354
- Mandal, S. K. & **Rahaman, C. H.** (2022). Inventorization and consensus analysis of ethnoveterinary medicinal knowledge among the local people in Eastern India: perception, cultural significance, and resilience. *Frontiers in Pharmacology*, 13, 861577. DOI: <https://doi.org/10.3389/fphar.2022.861577>.
- Begum, S.N., Ray, A.S. and **Rahaman, C.H.** (2022). A comprehensive and systematic review on potential anticancer activities of eugenol: From pre-clinical evidence to molecular mechanisms of action. *Phytomedicine*, 107(17), 154456. DOI: <https://doi.org/10.1016/j.phymed.2022.154456>.
- Hazra, S., Ray, A.S. and **Rahaman, C.H.** (2022). Natural Phytocompounds from Common Indian Spices for Identification of Three Potential Inhibitors of Breast Cancer: A Molecular Modelling Approach. *Molecules*, 27(19), 6590. DOI: <https://doi.org/10.3390/molecules27196590>

- Subba, Y., Hazra, S. and **Rahaman, C.H.** (2023). Medicinal plants of Teesta Valley, Darjeeling district, West Bengal, India: A quantitative ethnomedicinal study. *Journal of Applied Pharmaceutical Science*, 13(1), 092-108. DOI: <https://doi.org/10.7324/JAPS.2023.130109>.
- Hazra, S., Ray, A.S., Das, S., Das Gupta, A. and **Rahaman, C.H.** (2023). Phytochemical Profiling, Biological Activities, and In Silico Molecular Docking Studies of *Causonistrifolia* (L.) Mabb. & J. Wen Shoot. *Plants*, 12(7), 1495. DOI: <https://doi.org/10.3390/plants12071495>.
- Pal N and **Sukul S.** (2022). Consequences of Copper and Lead stress on biochemical properties and mitotic chromosomal behavior of two thelypteroid ferns and their potential in tolerance of those metals. *South African Journal of Botany*. 147: 53-62. <https://doi.org/10.1016/j.sajb.2021.12.028>
- Dutta A, and **Sukul S.** (2022). Distribution and Ethnobotanical Use of Some Pteridophytes from Bishnupur Subdivision, West Bengal. *The Indian Fern Journal*. 39(1): 228-238.
- Pal N and **Sukul S.** (2022). Study on mitotic chromosomal behavior in *Thelypteris interrupta* (wild.) K. Iwats. *The Indian fern journal*. 39(1): 223-227. ISSN 0970-2741.
- Kisku, T., Paul, K., Singh, B., Das, S., Mukherjee, S., Kundu, A., **Rath, J.** and Das, R.S., (2022). Synthesis of Cu (II)-Caffeine Complex as potential therapeutic Agent: Studies on Antioxidant, anticancer and pharmacological activities. *Journal of Molecular Liquids*, 364, 119897. <https://doi.org/10.1016/j.molliq.2022.119897> (I.F: 6.633)
- Patnaik, A., Alavilli, H., **Rath, J.**, Panigrahi, K. C., & Panigrahy, M. (2022). Variations in Circadian Clock Organization & Function: A Journey from Ancient to Recent. *Planta*, 256(5), 91. <https://doi.org/10.1007/s00425-022-04002-1> (I.F: 4.54)
- Eshuo, K. and **Lokho, A.** 2023. *Sauromatum horsfieldii* (Araceae): a new addition to the flora of Manipur, northeastern India. *J of Threatened Taxa*. 15(1):22538-22542. DOI: <https://doi.org/10.11609/jott.8024.15.1.22538-22542>
- Nag, A., & **Gupta, H.** (2022). Effects of light availability on survival and growth of seedling and sapling of tropical dry deciduous forest tree species in Ballavpur wild life sanctuary, West Bengal, India. *Indian Journal of Ecology*, 49(5), 1576-1580.

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- Bandyopadhyay A, Saha A, Ghosh D, **Dam B**, Samanta AK, Dutta S. (2023) Microbial repairing of concrete & its role in CO₂ sequestration: a critical review. *Beni-Suef University Journal of Basic and Applied Sciences* 12:7 (ISSN: 2314-8543); <https://doi.org/10.1186/s43088-023-00344-1>
- Dalal, D. and **Mandal, N.** (2022). Antagonistic potentials of wheat rhizosphere fungi and mode of mycelial interaction behavior during growth inhibition of aflatoxigenic *Aspergillus flavus* isolates. *Res. Jr. of Agril. Sci.* Vol 13(3): 829–833
- Kumar, D., **Mandal, S.**, Bailey, J.V., Flood, B.E. and Jones, R.S., 2023. Fluoride and gallein inhibit polyphosphate accumulation by oral pathogen *Rothia dentocariosa*. *Letters in Applied Microbiology*, 76(2), p.ovad017.

Number of paper published in Peer / reviewed journals:

National/International: 30

DEPARTMENT OF STATISTICS

Name of the students qualified in UGC/CSIR/NET/SLET/GATE Examinations

- Anumita Mondal (WBSET, 27/2/2023),
- Rohit Jana (GATE 2023)

National and International standard Conference/Seminar/Workshop/Exhibition etc.

Sudhansu S. Maiti

- 19.09.2022. Delivered an invited lecture entitled “Basics of Design of Experiments” in the Department of Statistics, Midnapore College (Autonomous).
- 07.01.2023-08.01.2023. Attended and presented a paper entitled “Repetitive Sampling Inspection Plan for the quality characteristics following One-Parameter Polynomial Exponential family of distributions” in Golden Jubilee Conference on Productivity, Quality and Reliability: New Vistas, organized by Indian Association for Productivity, Quality and Reliability, Kolkata.
- 02.03.2023-03.03.2023. Delivered three lectures as a resource person entitled (i) “Applications of Statistical Methodology in Quality Management”, (ii) “Statistical Process Management” and (iii) “Statistical Product Management” in 1-Week Short term Course on Applications of Statistical Methodology in Allied Domains, organized by HRDC, Gauhati University, Assam.

Tirthankar Ghosh

- 21.02.2023-23.02.2023. Delivered two invited (online) lectures in the 10- Day e-National Workshop on “Use of Statistical Tools & SPSS in Research and Development “on 21st & 23rd February 2023 organized during 20 Feb-01 March 2023 by AK Dasgupta Centre for Development and Planning, Visva-Bharati, Santiniketan-731235, West Bengal.
- 13.09.2022. Acted as resource person and delivered one (online) lecture on “Discriminant Analysis” in the 10-Day National Workshop on Statistical Analysis of Data using R for Research, Planning & Development on 13 September 2022 at AK Dasgupta Centre for Planning and Development, Visva-Bharati, Santiniketan, WB.

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- 12.07.2022-18.07.2022. Acted as resource person and delivered two (online) lectures on “Introduction to R for statistical analysis” and “Statistical Modeling in R” in the 7-Day National Workshop on R for Data Science during 12-18 July 2022 organized by Department of Statistics, Srikishan Sarda College, Hailakandi, Assam-788151.
- 03.06.2022. Delivered invited (online) lecture on “Fundamentals of R Programming” in the National Level e-Workshop’ on 3rd June 2022 organized by Department of Computer Sc., Mathematics and IQAC, Prasanta Chandra Mahalanobis Mahavidyalaya, 111/3 B. T. Road, Kolkata-108, West Bengal.
- 24.05.2022. Delivered invited (online) lecture on “Learning Management System-Paradigm Shift in the teaching process” organized by Ramsaday College, Anta, Howrah- 711401, WB on 24 May 2022.

Sourav Rana

- 12 .09.2022. Delivered invited (online) lecture “Statistical Analysis of Data using ‘R’ for Research, Planning & Development” in the 10-Day e-National Workshop held from 05/09/2022 to 14/09/2022 at A.K.Dasgupta Centre for Planning and Development, Visva-Bharati, Santiniketan, West Bengal.

Debashis Chatterjee

- 22.07.2022-23.07.2022. Acted as resource person and acted as a tutor on unsupervised learning in Instructional School for Teachers (IST), Indian Statistical Institute.
- 01.08.2022-02.09.2022. Successfully completed Faculty Induction Programme (Guru Dakshata) (HRDC, Jadavpur University)

Academic Distinctions gained by Teachers/ scholars or the Department as a whole

Sudhansu S. Maiti

- Elected Member, Council of Directors, Calcutta Statistical Association, Kolkata for 2023.
- Life Member, **Indian Society for Probability & Statistics**

Tirthankar Ghosh

- Reviewer for *Calcutta Statistical Association Bulletin*, and IEEE Access.

Publications:**Research Papers in Peer reviewed/ Refereed/ UGC-Care/ ICAR-NAAS listed Journals**

- Mukherjee, I., **Maiti, S. S.**, & Singh, V. V. (2023). On estimation of the PDF and the CDF of the one-parameter polynomial exponential family of distributions, *Communications in Statistics-Theory and Methods*, 52(1), 104-120, <https://doi.org10.1080/03610926.2021.1910302>
- Chatterjee, S., & **Maiti, S. S.** (2022). A Sharp Approximation of Stress-Strength Reliability for a Hollow Rectangular Tube under the Weibull Setup, *International Journal of Statistics and Reliability Engineering*, 9(3), 475-480.
- Biswas, S., & **Maiti, S. S.** (2022). Multiple dependent state sampling inspection plan for Lindley distributed quality characteristic, *Stochastic and Quality Control*, 37(1), 85-99. <https://doi.org/10.1515/eqc-2021-0038>
- Singh, V. V., Ismail, A. L., & **Maiti, S. S.** (2022): Performance assessment of complex system under the k-out-of- n: G type configuration with k consecutive degraded states through the copula repair approach, *International Journal of Reliability, Quality and Safety Engineering*, 29(2), 2150047(29 pages) <https://doi.org/10.1142/S0218539321500479>
- Chatterjee ,K., **Chakraborty, A.** , Ghatak ,S., & Choudhuri, T. (2022). Lifestyle, Epstein-Barr virus infection, and other factors could impede nasopharyngeal cancer survivorship: a five-year cross-sectional study in North Eastern India; *Virusdiseas*, 33(4), 371-382. doi: 10.1007/s13337-022-00789-5. Epub 2022 Nov 8
- Midhya, S.,& **Chakraborty, A.** (2023). A mathematical model-based approach to assessing water pollution through the dynamics of freshwater zooplankton community and remediation (2023). *Water, Land, and Forest Susceptibility and Sustainability*, 2, Elsevier, ISBN: 9780443158476, 2023.
- Das, S.K., Pramanik, A.K., Majumdar, D., Hossain, M., **Ghosh, T.**, & Chatterjee, A. (2022): Hydrochemical investigation of groundwater and probabilistic health risk assessment from fluoride and iron intake in a ferruginous Barind tract, *International Journal of Environmental Analytical Chemistry*, DOI: 10.1080/03067319.2022.2140044
- Das, S., & **Maiti, S. I.** (2022). On the Test of Association Between Nonparametric Covariate and Error in Semiparametric Regression Model, *Journal of the Indian*

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Society for Probability and Statistics, Springer Nature.
<https://doi.org/10.1007/s41096-022-00139-0>

- Das, S., Halder, S., & **Maiti, S. I.** (2023). An Extended Approach to Test of Independence between Error and Covariates under Nonparametric Regression Model. *Thailand Statistician*. 2023; 21(1), 19-36.
- Ghosh, S., Banerjee, A., **Mukhopadhyay, S.**, Bhattacharya, S., & Ray, S. (2022). Predicting the probability of avian reproductive success and its components at a nesting site. *Ecological Informatics*, 72, 101841.
- Ghosh, S., **Rana, S.**, & Roy, P.K. (2022). Leprosy: Considering the Effects on Density-Dependent Growth of Mycobacterium leprae. *Differential Equations and Dynamical Systems*, pages <https://doi.org/10.1007/s12591-022-00608-9>.
- Sardar, T., Nadim, S.S., & **Rana, S.** (2022). Detection of multiple waves for COVID-19 and its optimal control through media awareness and vaccination: study based on some Indian states. *Nonlinear Dynamics*, pages <https://doi.org/10.1007/s11071-022-07887-5>.
- **Rana, S.**, Bhattacharya, S., & Samanta, S. (2022). Spatiotemporal dynamics of Leslie–Gower predator–prey model with Allee effect on both populations. *Mathematics and Computers in Simulation*, 200, 32 - 49.
- **Rana, S.**, Bhattacharya, S., & Samanta, S. (2022). Complex Dynamics of a Three-Species Food Chain Model with Fear and Allee Effect. *International Journal of Bifurcation and Chaos*, 32(6), <https://doi.org/10.1142/S0218127422500845>.
- **Rana, S.**, Basu, A., Ghosh, S., & Bhattacharya, S. (2023). Moths exhibit strong memory among cooperative species of other taxonomic groups: An empirical study. *Ecological Modelling*, <https://doi.org/10.1016/j.ecolmodel.2022.110235>.

Number of papers published in Peer / reviewed journals:

National/International: 15

DEPARTMENT OF COMPUTER AND SYSTEM SCIENCES

Name of the students qualified in UGC/CSIR/NET/SLET and GATE Examinations.

GATE: Sushmita Majee, Subhankar Garai, Shasank Dixit

National and International standard Conference / Seminar / Workshop /Exhibition etc.:

Faculty Members

Utpal Roy

- 10.03.2023-11.03.2023. An invited talk delivered on the topic “Keystroke dynamics and security issues in modern IT world” at the International Conference on Advanced Computing Machine Learning, Robotics and Internet Technologies (AMRIT-2023) held in the Department of computer science in Assam University Silchar, Assam.
- 20.01.2023. Delivered an invited talk on Faculty Development Programme (FDP) on the theme “How to review a research article?” in the Department of Computer Science and Engineering, University of Calcutta.
- 31.01.2023-13.02.2023. Delivered a lecture on the topic “ Research Methodology and Keystroke Dynamics” in Refresher Course Organized by the UGC Human Resource Development Centre, University of Burdwan On Research Methods and Online Pedagogy.

Research Scholars

Rounak Biswas

- 10.03.2023-11.03.2023. Presented a paper titled “Verifying the Reliability of Quantum Random Number Generator: A Comprehensive Testing Approach” in the International conference AMRIT 2023 held in the Department of computer science in Assam University Silchar, Assam.

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Debashis Roy

- 10.03.2023-11.03.2023. Presented a paper titled “A Comprehensive Study of the Performance of Imbalanced Data Learning Methods with Different Optimization Techniques” in the International conference AMRIT 2023 held in the Department of computer science in Assam University Silchar, Assam.

Sandip Dutta

- 10.0.-2023-11.03.2023. Presented a paper titled “Authenticating Smartphone Users Continuously Even if the Smartphone is in the user’s pocket” at the International conference AMRIT 2023 held in the Department of Computer Science in Assam University Silchar, Assam.

Extension activities / NSS / Cultural and other activities organized by the Department and participated by the teachers and students of Department

- 05.09.2022. Teacher’s day celebrated.

Publications:

Books

Book chapters and conference proceedings

- Roy, S., **Roy, U.**, Sinha, D., & Pal, R. K. (2023). Predicting Useful Information From Typing Patterns Using a Bootstrapped-Based Homogeneous Ensemble Approach. In *Applied Computing for Software and Smart Systems: Proceedings of ACSS 2022* (pp. 3-31). Singapore: Springer Nature Singapore.
- Singh, P. K., Jana, B., **Datta, K.**, Chowdhuri, P., & Pal, P. (2023). RIWT Generative Feedback Residual Network for Secure Clinical Data Communication in Healthcare Unit. In *Frontiers of ICT in Healthcare: Proceedings of EAIT 2022* (pp. 303-313). Singapore: Springer Nature Singapore.
- Roy, S., **Roy, U.**, Sinha, D., & Pal, R. K. (2022). AI for Stress Diagnosis at Home Environment. In *Next Generation Healthcare Informatics* (pp. 173-195). Singapore: Springer Nature Singapore.
- Mohindru, G., Mondal, K., **Dutta, P.**, & Banka, H. (2022). Mining challenges in large-scale IoT data framework—a machine learning perspective. *Advanced Data Mining Tools and Methods for Social Computing*, 239-259.

Edited Books

- Mukhopadhyay, S., Sarkar, S., **Dutta, P.**, Mandal, J. K., & Roy, S. (Eds.). (2022). *Computational Intelligence in Communications and Business Analytics: 4th International Conference, CICBA 2022, Silchar, India, January 7–8, 2022, Revised Selected Papers*. Springer Nature.
- **Dutta, P.**, Chakrabarti, S., Bhattacharya, A., Dutta, S., & Shahnaz, C. (2022). *Emerging Technologies in Data Mining and Information Security: Proceedings of IEMIS 2022, Volume 1*. Springer.
- **Dutta, P.**, Chakrabarti, S., Bhattacharya, A., Dutta, S., & Shahnaz, C. (2022). *Emerging Technologies in Data Mining and Information Security: Proceedings of IEMIS 2022, Volume 2*. Springer.
- **Dutta, P.**, Chakrabarti, S., Bhattacharya, A., Dutta, S., & Piuri, V. (2022). *Emerging Technologies in Data Mining and Information Security: Proceedings of IEMIS 2022, Volume 3*. Springer.

Research Papers:

Single Authors

- Roy, S., Pradhan, J., Kumar, A., Adhikary, D. R. D., **Roy, U.**, Sinha, D., & Pal, R. K. (2022). A Systematic Literature Review on Latest Keystroke Dynamics Based Models. *IEEE Access*.
- Roy, S., Sinha, D., & **Roy, U.** (2022). Identifying age group and gender based on activities on touchscreen. *International Journal of Biometrics*, 14(1), 61-82.

Joint Authors

- Singh, P. K., Jana, B., & Datta, K. (2023). Fuzzy proximity-based robust data hiding scheme with interval threshold. *Soft Computing*, 27(7), 4011-4028.
- Singh, P. K., Jana, B., & Datta, K. (2022). Robust data hiding scheme through distinct keypoint selection exploiting modified Bilateral-Laplacian SIFT with encoding pipeline. *Displays*, 74, 102268.
- Momin, M. S., Sufian, A., Barman, D., Dutta, P., Dong, M., & Leo, M. (2022). In-home older adults' activity pattern monitoring using depth sensors: A review. *Sensors*, 22(23), 9067.

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- Chowdhury, A. R., Hazra, J., Dasgupta, K., & Dutta, P. (2022). Fuzzy rule-based hyperspectral band selection algorithm with ant colony optimization. *Innovations in Systems and Software Engineering*, 1-14.
- Alam, E., Sufian, A., Dutta, P., & Leo, M. (2022). Vision-based human fall detection systems using deep learning: A review. *Computers in biology and medicine*, 105626.
- Nasir, M., Dutta, P., & Nandi, A. (2023). Recognition of human emotion transition from video sequence using triangulation induced various centre pairs distance signatures. *Applied Soft Computing*, 134, 109971.

Number of papers published in Peer / reviewed journals:

National/International: 8

Other relevant information, which in the opinion of the Head of the Department is worth-reporting, should be included.

Patents:

- **P. Dutta**, D. Mukhopadhyay and S. Bhattacharyya, “A Molecular QCA based UV Lamp for Water Purification”, Indian Patent No. 201731011405 dated 30/09/2017. Date of publication 15/06/2018. Date Of Certificate Issue: 13/09/2022, POST GRANT JOURNAL DATE: 16/09/2022.
- Title: An Automatic Bangali Degraded Document Recognition System (Filed), **Jayati Mukherjee**, **Utpal Roy**, Department of Computer & System Sciences, Siksha-Bhavana, Visva-Bharati, Sudipta Roy, Department of Computer Science and Engineering, Assam University Silchar, Assam, Patent: Republic of South Africa, Patent Act 1978, Official Application No. 2023/02670 Filed on: 27/02/2023, Applicant's or Agent Ref. No. 3001LPS.

DEPARTMENT OF ENVIRONMENTAL STUDIES

Name of the students qualified in NET (UGC/CSIR/ICAR)/SET and GATE Examinations

- **UGC NET-JRF:** Kanika Mahato, Parul Kuiry, Priyanka Khan
- **UGC NET:** Harish Chandra Barman, Antara Roy, Buddhadev Ghosh
- **WB-SET:** Antara Roy
Savitribai Jyotirao Phule - Single girl child - JRF: Shubhasree Singha

Departmental Seminar (Speakers, Title of the Seminar, Date)

The Department organized the following seminars:

- 22.09.2022-24.09.2022. The Department organized an International Conference on Air Quality and [DSB2] Human Health. Forty-three papers were presented orally in seven technical sessions. There were 8 plenary lectures by distinguished invited speakers [Prof. (Dr.) Saibal Moitra, Apollo Hospital, Kolkata; Prof. Ravindra Khaiwal, PGIMER, Chandigarh; Prof. Soumya Niyogi, University of Saskatchewan, Canada; Prof. Markus Hecker, University of Saskatchewan, Canada; Prof. Dhyan Chandra, CCRC, University of Buffalo, New York, USA; Prof. Sagnik Dey, IIT-D, New Delhi and Dr. Bijaya Kumar Padhi, PGIMER, Chandigarh. There were 134 participants from different parts of India, including a few from abroad. This conference flagged off important and vital issues in various domains of air pollution, which needed effective, prompt, and timely tackling in the larger interest of the environmental profession, as well as medical and toxicological research. This conference also enlightened us about various health risk assessment tools and techniques. We had a glance over some innovative ways to abate the air pollution through various technologies.
- 29.07.2022. Mr. Aman Basu Department of Biology, York University, Canada, delivered a lecture on Climate change and loss of lake ice in the Northern Hemisphere.
- 16.11.2022. Prof. Shibani Chaudhury, Deer Park, Santiniketan, delivered a lecture on Fundamentals of ecotoxicology.
- 21.02.2023. Prof. Shibani Chaudhury, Deer Park, Santiniketan, delivered a lecture on Environmental applications of biosensor & biomarker.

National and International standard Conference /Seminar /Workshop /Exhibition etc.:

Pratap Kumar Padhy

- 22.09.2022-24.09.2022. Rout, A. and **Padhy, P. K.** A review on comparative study of PM₁ and PM_{2.5} impact on human health , Paper presented in the International Conference on Air Quality and Human Health (SPARC-MoE, GoI sponsored) organized by the Department of Environmental Studies, Siksha Bhavana, Visva-Bharati, Santiniketan, West Bengal.
- 22.09.2022-24.09.2022. Noor-E-Azam and **Padhy, P. K.** A review on analytical methods for oxygenated polycyclic hydrocarbons (OPAHs) in airborne particulate, Paper presented in the International Conference on Air Quality and Human Health (SPARC-MoE, GoI sponsored) organized by the Department of Environmental Studies, Siksha Bhavana, Visva-Bharati, Santiniketan, West Bengal.
- 22.09.2022-24.09.2022. Ghosh, B. and **Padhy, P. K.** .Study of ambient air pollution and its impacts on male adult population of urban, industrial and semi-urban areas, Paper presented in the International Conference on Air Quality and Human Health (SPARC-MoE, GoI sponsored) organized by the Department of Environmental Studies, Siksha Bhavana, Visva-Bharati, Santiniketan, West Bengal.
- 22.09.2022-24.09.2022. Singha, S. and **Padhy, P. K.** A Review on the assessment of bioremediation potential of plants and microbes, Paper presented in the International Conference on Air Quality and Human Health (SPARC-MoE, GoI sponsored) organized by the Department of Environmental Studies, Siksha Bhavana, Visva-Bharati, Santiniketan, West Bengal.
- 22.09.2022-24.09.2022. Ghosh, B., Nayek, S. and **Padhy, P. K.** Measurement of oxidative stress causing potential of the airborne particulate matters and consequent health effects, Paper presented in the International Conference on Air Quality and Human Health (SPARC-MoE, GoI sponsored) organized by the Department of Environmental Studies, Siksha Bhavana, Visva-Bharati, Santiniketan, West Bengal.
- 22.09.2022-24.09.2022. Chowdhury, M. and **Padhy, P. K.** Household air pollution exposure from solid biomass fuels and associated health risks on the Santal tribe, Paper presented in the International Conference on Air Quality and Human Health (SPARC-MoE, GoI sponsored) organized by the Department of Environmental Studies, Siksha Bhavana, Visva-Bharati, Santiniketan, West Bengal.

- 22.09.2022-24.09.2022. Shaikh, R., **Padhy, P. K.** and Ahmad, A.. Synthesis of reduced graphene oxide nanoparticles hybrids filter for removing fine particulate matter, Paper presented in the International Conference on Air Quality and Human Health (SPARC-MoE, GoI sponsored) organized by the Department of Environmental Studies, Siksha Bhavana, Visva-Bharati, Santiniketan, West Bengal during 22nd – 24th September 2022.
- 22.09.2022-24.09.2022. Ghosh, Rupsa, Ghosh, B., Maharathy, T. K., Datta, A. & **Padhy, P. K.** Particulate air pollution and neurotoxicity: A review, Paper presented at the International Conference on Air Quality and Human Health (SPARC-MoE, GoI sponsored) organized by the Department of Environmental Studies, Siksha Bhavana, Visva-Bharati, Santiniketan, West Bengal.
- 03.12.2022-04.12.2022. **Padhy, P. K.** Resource Person in the Staff Capacity Building Program on Climate Change, organized by the Lutheran World Service India Trust, DSSQC - Birbhum Unit, Suri, Birbhum.
- 08.12.2022-09.12.2022. Shaikh, R. and **Padhy, P. K.** Synthesis of reduced graphene oxide nanoparticles hybrids filter for removing fine particulate matter, Paper presented in the National Conference on Green Technologies for Sustainable Future, organized by the Department of Environmental Science, GITAM (Deemed to be University), Visakhapatnam.
- 24.02.2023-25.02.2023. Rout, A. and **Padhy, P. K.** Particulate matter pollution and human health, Paper presented in the International Conference on Emerging Technology for Environmental Sustainability, organized by the Department of Environmental Sciences, Fakir Mohan University, Balasore, Odisha.

Pulak Kumar Patra

- 22.09.2022-24.09.2022. Barman Trisha and **Patra, P. K.** .Effect of air pollution and climate change on forest health: an assessment of research priorities, Paper presented in the International Conference on Air Quality and Human Health (SPARC-MoE, GoI sponsored) organized by the Department of Environmental Studies, Siksha Bhavana, Visva-Bharati, Santiniketan, West Bengal.
- 03.12.2022-04.12.2022. **Patra, P. K.** . Resource Person in the Staff Capacity Building Program on Climate Change, organized by the Lutheran World Service India Trust, DSSQC - Birbhum Unit, Suri, Birbhum.

S. Balachandran

- 22.04.2022-23.04.2022. **Balachandran S.** Climate adaptation and resilience – Biogas technology, social acceptance and barriers in rural India, Plenary lecture, in Heber International conference in Climate Adaptation and Resilience, conducted by Department of Environmental Sciences, Bishop Heber College (Autonomous), Tiruchirappalli, Tamil Nadu.
- 09.11.2022. GhoshThakur, R., Ghosh A., Sen, D., GonChaudhuri, S., **Balachandran, S**, Sarkar, A., Hazra, A. Design, Optimization and sensitivity analysis of an appropriate renewable energy generation, storage, and distribution system for providing stand-alone dispatchable power to rural community centres, In National Symposium: "Recent Trends in Sustainable Technology - Techno - Commercial Developments," held at Heritage Institute of Technology, Kolkata and co-hosted by Indian Institute of Chemical Engineers (IChE) and Department of Chemical Engineering, HIT-K.
- 09.11.2022. Koley, A., Mukhopadhyay, P., Show, B.K., Ghosh, A., **Balachandran, S.** Biogas production potentiality of Water Hyacinth, Pistia and Duckweed: A comparative analysis, In National Symposium: "Recent Trends in Sustainable Technology - Techno - Commercial Developments," held at Heritage Institute of Technology, Kolkata and co-hosted by Indian Institute of Chemical Engineers (IChE) and Department of Chemical Engineering, HIT-K.
- 19.10.2022-20.20.2022. Shivakumaran, G., Show, B.K., Gupta, N., Banerjee, S., **Balachandran, S.** Isolation of ligninolytic bacteria: A initial step for lignocellulose and other recalcitrant waste bioremediation. In Bilateral International Conference on Ecotoxicology and Environmental Science, organized by Khulna University, Bangladesh.
- 19.10.2022-20.20.2022. Koley, A., Mukhopadhyay, P., Ghosh, A., Show, B.K., GhoshThakur, R., Chaudhury, S., Hazra, A.K., **Balachandran, S.** Biological methane potential of aquatic weeds as the next generation feedstock for Bioenergy production. In Bilateral International Conference on Ecotoxicology and Environmental Science, organized by Khulna University, Bangladesh.
- 19.10.2022-20.20.2022. Show, B.K., Koley, A., Ghosh, A., Chaudhury, S., Hazra, A.K. **Balachandran, S.** Enhancement of biogas production from water hyacinth by alkali pre-treatment. In Bilateral International Conference on Ecotoxicology and Environmental Science, organized by Khulna University, Bangladesh.

- 19.10.2022-20.10.2022. Sarkar, A., Bagdi, T., Ghosh, S., Hazra, A.K., **Balachandran, S.** Relationship between Energy Poverty and Indoor Air Pollution: A Microlevel Study of an Interior Village In North East India. In Bilateral International Conference on Ecotoxicology and Environmental Science, organized by Khulna University, Bangladesh.
- 19.10.2022-20.10.2022. Bagdi, T., Ghosh, S. Sarkar, A., Hazra, A.K. **Balachandran, S.** Transformation of livestock waste to biogas energy: A caste-based impact on green cooking energy usage in rural India. In Bilateral International Conference on Ecotoxicology and Environmental Science, organized by Khulna University, Bangladesh.
- 19.10.2022-20.10.2022. Ghosh, S., Bagdi, T., Sarkar, A., Hazra, A.K., **Balachandran, S.** Utilization of Water Hyacinth to produce clean energy: A Strategic waste management for rural communities In Bilateral International Conference on Ecotoxicology and Environmental Science, Organized by Khulna University, Bangladesh.
- 27.01.2023-31.01.2023. Koley, A., Mukhopadhyay, P., Ghosh, A., Show, B.K. Singh, A., Chaudury, S., Hazra, A.K., **Balachandran, S.** Sustainable use of Water Hyacinth through phytoremediation, anaerobic digestion, composting and vermicomposting to achieve sustainable development goals (SDGs), IN 46th Indian Social Science Congress, Bharathidasan University, Tiruchirappalli, Tamil Nadu
- 02.03.2023-03.03.2023. Chaudhury, S. and **Balachandran, S.** Invasive Plant and Technology: One of the ways in sustainable living? *International Conference on Environmental Sustainability and Climate Change*, Raja Narendra Lal Khan Women's College (Autonomous), Medinipur - 721102 West Bengal
- 27.01.2023-31.01.2023. Gupta, N., Banerjee, S., Koley, A., Show, B.K., Hoque R.R., **Balachandran, S.** Mycoremediation-A realistic approach for the Bioremediation of Polycyclic aromatic hydrocarbons. IN 46th Indian Social Science Congress, Bharathidasan University, Tiruchirappalli, Tamil Nadu
- 24.03.2023-25.03.2023. GhoshThakur, R., GonChaudhuri, S., Sarkar, A., Hazra, A.K. Balachandran, S. Enhancing entrepreneurship opportunities for rural women through climate[1]responsive and sustainable energy systems. In, 2nd International Conference on Entrepreneurship Development: Opportunities & Challenges

Chapter-2

(Blended Mode) , organized by the Department of Lifelong Learning & Extension Visva-Bharati in Collaboration with Claflin University

- 24.03.2023-25.03.2023. Singh, A., Koley, A., Balachandran, S. Algae: An Innovative Solution for Sustainable Biogas Production, Purification, and Fish Feed in Circular Economy. In, 2nd International Conference on Entrepreneurship Development: Opportunities & Challenges (Blended Mode) organized by the Department of Lifelong Learning & Extension Visva-Bharati in Collaboration with Claflin University
- 24.03.2023-25.03.2023. Karmakar, S., Koley, A., Ghosh A., and Balachandran, S. (2023) Biogas Digestate as a Source for Fertilizer for Hydroponics farming and Entrepreneurship Development. In the 2nd International Conference on Entrepreneurship Development: Opportunities & Challenges (Blended Mode) organized by the Department of Lifelong Learning & Extension Visva-Bharati in Collaboration with Claflin University
- 30.01.2023-31.01.2023. Shivakumaran, G., Show, B.K., Gupta, N., Banerjee, S., Balachandran, S. Isolation of Ligninolytic Bacteria from Termite Gut: A initial step for bioremediation of recalcitrant compounds, Poster presentation In International Conference on Biotechnological Trends for a Sustainable Future (ICBTSE – 2023) organized by Department Of Biotechnology, American College, Madurai, Tamil Nadu.

Sushil Kumar

- 22.09.2022-24.09.2022. **Sushil Kumar**. Atmospheric Dust over India: Source, Transport, and Nutrient Dynamics, Paper presented in the International Conference on Air Quality and Human Health (SPARC-MoE, GoI sponsored) organized by the Department of Environmental Studies, Siksha Bhavana, Visva-Bharati, Santiniketan, West Bengal.

Ongoing Research Projects in the Department

- Name of the Teacher: Prof. Pratap Kumar Padhy (PI) and Dr. Pulak Kumar Patra (Co-PI)
Name of the Project: Scheme for Promotion of Academic and Research Collaboration (SPARC) titled “Fine particulates matters in the air environment and their cancer risks in human beings.”

Sponsoring Agencies: MoE, Govt. of India

Amount Sanctioned: Rs. 70,77,190/-

- Name of the Teacher: S. Balachandran (Co-PI)
Name of the Project: Community water supply scheme based on Integrated Rainwater harvesting and Solar PV water pumping system
Sponsoring Agencies: DST
Amount Sanctioned: Rs. 1,39,22,880/-

Extension activities/NSS/Cultural and other activities organized by the Department and participated by the Teachers and students of the Department.

- 06.01.2023. The M.Sc. students, research scholars, and faculty members visited Shyam Steel Mfg. Ltd. Mejia, Bankura. This visit provided an exposure to the students to various machines, equipment, and pollution control devices, etc., involved at different stages of raw material processing and use, and immensely benefitted them to practically understand the problems and how these are being managed effectively.
- 23.02.2023. We also visited the water treatment and supply system of PHED, Bolpur, at Raipur and got an exposure to various machines, equipment, and pollution control devices, etc., involved in different stages of water purification systems.

Publications:

Book chapters and conference proceedings

- Chowdhury, M., Ghosh, S. and **Padhy, P. K.** (2022). Effects of Biomass Burning on Lung Functions in Rural Tribal Women in Kaliganj Village, Santiniketan. *In: Impact of COVID-19 on Health and Economic Issues of India*. Debasis Bhattacharya & Daya Shankar Kushwaha (Eds.), New Delhi: New Delhi Publishers, (ISBN: 978-93-93878-53-3), pp. 1-15.
- GhoshThakur, R., Ghosh, A., Sen, D., GonChaudhuri, S., **Balachandran, S.**, Sarkar, A., & Hazra, A. (2022). OP31: Design, Optimization, and sensitivity analysis of an appropriate renewable energy generation, storage, and distribution system for providing standalone dispatchable power to rural community centres. *In proceeding of National Symposium: "Recent Trends in Sustainable Technology -*

Chapter-2

Techno - Commercial Developments," 9th – 10th September 2022, pp. 149-159; ISBN: 978-93-5636-245-1.

- Koley, A., Mukhopadhyay, P., Show, B. K., Ghosh, A., **Balachandran, S.**, & Santiniketan, V. B. (2022). OP30: Biogas production potentiality of Water Hyacinth, Pistia and Duckweed: A comparative analysis. *In proceeding of National Symposium: "Recent Trends in Sustainable Technology - Techno - Commercial Developments"*, 9th – 10th September 2022, pp. 149-159; ISBN: 978-93-5636-245-1.
- Koley, A., Bray, D., Banerjee, S., Sarkar, S., Thakur, R. G., Hazra, A. K., Mandal, N.C., Chaudhury, S., & **Balachandran, S.** (2023). Water Hyacinth (*Eichhornia crassipes*) A Sustainable Strategy for Heavy Metals Removal from Contaminated Waterbodies. *In Bioremediation of Toxic Metal (loid)s* (pp. 95-114). CRC Press.

Research Papers in Peer-reviewed / Refereed /UGC-CARE/I CAR-NAAS listed journals:

- Ghosh, B., Nayek, S. and **Padhy, P. K.** (2023). Effects of nationwide lockdown due to COVID-19 on ambient air quality in the state of West Bengal, India, *Journal of Scientific Research*, 15, 1. 183-200.
- Ghosh, B., Nayek, S. and **Padhy, P. K.** (2022). Assessment of respiratory morbidity and epidemiological survey of tobacco smokers and non-smokers among educated young adults in Visva-Bharati, Santiniketan: A case study, *Current World Environment*, 17, 2, 331-340.
- Chowdhury, M., Ghosh, S. and **Padhy, P. K.** (2022). Effects of Indoor air pollution on tribal community in rural India and health risks assessment due to domestic biomass burning: A realistic approach using lung deposition model, *Environmental Science and Pollution Research*, 29, 59606–59618.
- GhoshThakur, R., Basu, A., Haque, Z., Bhattacharya, B., GonChaudhuri, S., & **Balachandran, S.** (2022). Performance prediction of the Micro Solar Dome in different climatic regions of India from pilot-scale by Random Forest algorithm. *Sustainable Energy Technologies and Assessments*, 52, 102163.
- Bagdi, T., Ghosh, S., Sarkar, A., Hazra, A. K., **Balachandran, S.**, & Chaudhury, S. (2022). Whose Development Counts? Adoption of Biogas in the Rural Communities of India-A Review. *International Journal of Renewable Energy Research (IJRER)*, 12(4), 2023-2042.

- **Kumar, S.** (2023). Insights on Air Pollution During COVID-19: A Review. *Aerosol Science and Engineering*, 1-15.

Number of papers published in Peer / reviewed journals:

National/International: 6

DEPARTMENT OF BIOTECHNOLOGY

Name of the students qualified in UGC/CSIR/NET/SLET and GATE Examinations:

- Anik Mukherjee: GATE (Biotechnology), GATE (XL), JGEEBILS – 2023 (Registration no. BT23S66513201, XL23S56513225)
- Sajal Kumar Barman: GATE (Biotechnology), GATE (XL) - 2023 (Registration no. BT23S66506073, XL23S56506062)
- Sambit Bag: GATE (XL) – 2023 (Registration no. XL23S56522174)
- Arnab Halder: GATE (Biotechnology) – 2023 (Registration no. BT23S66514131)
- Pallabi Mukherjee: GATE (Biotechnology) – 2023 (Registration no. BT23S64012069)
- Shubhrajyoti Panda: GATE (Biotechnology) – 2023 (Registration no. BT23S66509074)

National and International standard Conference/Seminar/Workshop/Exhibition etc.:

Faculty Members

- 08.12.2022-11.12.2022. Prof. Tathagata Choudhuri chaired a session on Infectious Disease Biology at the 91st Annual meeting of Society of Biological Chemists (India), Kolkata.
- 27.01.2023-29.01.2023. Dr. Narottam Dey delivered a lecture entitled “Simultaneous presence of Sub1 and SK loci - a prerequisite for future submergence resilient rice” on Agri Vision 2023: An International Conference on Agriculture & Rural Development organized by SARM at Centurion University of Technology & Management, Bhubaneswar, India.
- 28.04.2022-30.04.2022. Dr. Narottam Dey delivered a lecture entitled “Sub1A and SK locus - Regulation and Role in submergence tolerance of rice (*Oryza sativa* L)” in an international symposium on advances in plant biotechnology and nutritional security- APBNS-2022 organized by ICAR National Institute for Plant Biotechnology, New Delhi-110012, India.

- 17.01.2023-21.01.2023. Subhajit Bhowmik, Nilanjana Majumder, and Dr. Samiran Saha presented a poster entitled ‘Anti-leishmanial role of a synthetic Pyranocoumarine derivative GBVB2-4c on Leishmania donovani promastigotes’. In the International Seminar & Workshop on CRISPR/Cas-based Plant Functional Genomics and Computational Modeling (ISWCPC-2023), organized by CSIR-North East Institute of Science and Technology, Jorhat-785006, India.

Research Scholar

- 09.12.2022-11.12.2022. Piyanki Das attended the 91st Annual meeting of Society of Biological Chemists (India), Kolkata.
- 23.04.2022. Sudipa Mal presented a paper at the one-day international seminar on “targeted Oncology in Therapeutics and Diagnostics,” 23rd April 2022 at CII-Suresh Neotia Centre of Excellence, Kolkata.

Ongoing research projects in the Department:

- Name of the Teacher: Prof. Tathagata Choudhuri
Name of the project: “Therapeutic intervention against Primary Effusion Lymphoma targeting Wnt signaling pathway.”
Sponsoring agent: INDIAN COUNCIL OF MEDICAL RESEARCH (ICMR)
Amount sanctioned: 18,10,160/-
- Name of the Teacher: Dr. Narottam Dey
Name of the project- “Development of SNP and miRNA based functional markers for abiotic stress (drought salinity and submergence) tolerance among selected West Bengal rice land races”
Name of the sponsoring agency: Dept. of Science and Technology and Biotechnology, Govt. of West Bengal.
Total amount sanctioned: Rs. 11,99,800/-
Sanctioned in current financial year: Rs. 1,30,418/-
- Name of the Teacher: Dr. Narottam Dey
Name of the project- “Assessment of combinatorial effect of SUB1A and SK loci in lowland indigenous rice lines for tolerance to flash flood followed by stagnation”

Chapter-2

Name of the sponsoring agency: Science and Educational Research Board, Govt. of India.

Amount sanctioned: Rs. 42,64,832/-

Sanctioned in current financial year: Rs. 5,00,000/-

- Name of the Teacher: Dr. Jolly Basak
Title of the project: CRISPR/Cas9 mediated knock out of specific microRNAs in mungbean yellow mosaic India virus susceptible *Phaseolus vulgaris* to develop MYMIV tolerance.
Funding agency: DST-SERB
Duration: 01.09.2021-31.08.2024
Amount: Total amount Rs. 38 Lacs; fund not received for 22-23.
- Name of the Teacher: Dr. Samiran Saha
Principal Investigator of a Twinning Project entitled 'Study of induction and mechanisms of Autophagy in EAC cells upon treatment with Theaflavins'. Started on 26.09.19 Amount sanctioned (for Visva-Bharati): Rs. 21.25 lakh. (Total Amount: Rs. 70.9712 Lakh)
Collaborator: Prof. Debasish Maiti, Dept. of Human Physiology, Tripura University, Tripura. Ongoing. Collaborator: Prof. Debasish Maiti, Dept. of Human Physiology, Tripura University, Tripura.

Extention activities/NSS/ Cultural and other activities organized by the Department and participated by Teachers and students of the Department

- 15.02.2023. As a part of the curriculum, this year all the M. Sc. Sem-III students were taken for an industrial visit to India Dairy Products Ltd. (Amul), Janai, West Bengal 712 702.

Publications:

Book Chapters

- **Saha S. (2022)** Molecular diversity of adaptive immune receptor in mammals. pp 578-625, in Topics on Biodiversity, *Biotechnology and Bioinformatics*. 1st edition. Ed. Ray S. ISBN: 978-93-5620-397-6.

- **Saha S. (2022)** Diversity of adaptive immune receptors in vertebrates during the course of evolution. pp 626-646, in Topics on Biodiversity, *Biotechnology and Bioinformatics*. 1st edition. Ed. Ray S. ISBN: 978-93-5620-397-6.

Research Papers in Peer reviewed/ Refereed/ UGC-Care/ ICAR-NAAS listed Journals

- Chatterjee, K., Roy, S. D., Chakraborty, K., Haque, A., Chakrabarti, S., Mukherjee, S., Mal, S., Das, N., Sahu, S. K., Chattopadhyay, N. R., Das, P., Reddy, R. R., Aier, M., Das, A. K., Baishya, N., Kannan, R. R., puii, Z., Zomawia, E., Singh, Y. I., ... **Choudhuri, T. (2022)**. Lifestyle, Epstein-Barr virus infection, and other factors could impede nasopharyngeal cancer survivorship: a five-year cross-sectional study in North Eastern India. *Virus Disease*, 33(4), 371–382. <https://doi.org/10.1007/s13337-022-00789-5>
- Samanta, S., Chatterjee, R., Sarkar, S., Pal, S., Mukherjee, A., Butorin, I. I., Konovalova, O. A., **Choudhuri, T.**, Chakraborty, K., Santra, S., Zyryanov, G. v., & Majee, A. (2022). Brønsted acidic ionic liquid-catalyzed tandem reaction: an efficient and sustainable approach towards the regioselective synthesis and molecular docking studies of 4-hydroxycoumarin-substituted indoles bearing lower E⁻factors. *Organic & Biomolecular Chemistry*, 20(46), 9161–9171. <https://doi.org/10.1039/D2OB01431A>
- Mohanty, S., Kumar, A., Das, P., Sahu, S. K., Mukherjee, R., Ramachandranpillai, R., Nair, S. S., & **Choudhuri, T. (2022)**. Nm23-H1 induces apoptosis in primary effusion lymphoma cells via inhibition of NF-κB signaling through interaction with oncogenic latent protein vFLIP K13 of Kaposi's sarcoma-associated herpes virus. *Cellular Oncology*, 45(5), 967–989. <https://doi.org/10.1007/s13402-022-00701-9>
- Das, P., Brahmachari, G., Chatterjee, K., & **Choudhuri, T. (2022)**. Synthetic antioxidants from a natural source can overtake the oncogenic stress management system and activate the stress sensitized death of KSHV infected cancer cells. *International Journal of Molecular Medicine*, 50(3), 117. <https://doi.org/10.3892/ijmm.2022.5173>
- Mukherjee, M., Jana, C.K. & **Das, N. (2023)**. Oxidation of biological molecules with age and induced oxidative stress in different growth phases of *Saccharomyces cerevisiae*. *Antonie van Leeuwenhoek*, 116, 353–365.

Chapter-2

- Samanta P, Chakraborty A and **Dey N** (2022) Study on physiological responses with allelic diversity of Sub1A and SK loci in rice seedlings under complete submergence. *Plant Physiology Reports*. (DOI: 10.1007/s40502-022-00660-1, Published on 27th May 2022)
- Panja S, Mondal K, Kar RK, Dey PC and **Dey N** (2022) Exploration of ready-to-eat soft Bora rice genotypes of Assam for submergence tolerance. *Journal of Crop Science and Biotechnology*. (DOI: (<https://doi.org/10.1007/s12892-022-00164-2>, Published on 13th July 2022)
- Panja S, Kar RK, Dey PC and **Dey N** (2022) Underpinning the soft nature of soak-n-eat rice - A physicochemical and molecular approach. *Food Bioscience* (DOI: <https://doi.org/10.1016/j.fbio.2022.102122>, published on 21st October 2022)
- Samanta P and **Dey N** (2022) miRNA-mediated regulation of SK locus in rice under induced submergence. *J. Crop Sci. Biotechnol.* (DOI: <https://doi.org/10.1007/s12892-022-00190-0>, Published on 27th December 2022).
- Samanta P and **Dey N** (2023) microRNA-marker based genetic diversity analysis for drought tolerance in rice (*Oryza sativa* L.). *Plant Physiology Reports*. (DOI: <https://doi.org/10.1007/s40502-023-00709-9>, Published on 28th January 2023)
- Panja S, Biswas R, Kar RK and **Dey N** (2023) Morpho-molecular characterization of ethnic Bora rice for conservation and breeding. *Genetic Resource and Crop Evolution*. (DOI:<https://doi.org/10.1007/s10722-023-01541-8>, Published on 3rd February 2023)
- Nithin C. Mukherjee S, **Basak J** and Bahadur RP. (2022) NCodR: A multi-class support vector machine classification to distinguish non-coding RNAs in Viridiplantae. *Quantitative Plant Biology*. 3:e23, 1–11 <https://dx.doi.org/10.1017/qpb.2022.18>.
- Majumder N, Banerjee A, **Saha S**. 2023. A review on new natural and synthetic anti-leishmanial chemotherapeutic agents and current perspective of treatment approaches. *Acta Trop.* 240:106846. ISSN: 0001-706X. E-ISSN:1873-6254 . IF: 3.222.
- Iniguez E, **Saha S**, Petrellis G, Meneses C, Herbert S, Gonzalez-Rangel Y, Rowland T, Aronson NE, Rose C, Haines LR, Acosta-Serrano A, Serafim TD, Oliveira F, Srikantiah S, Bern C, Valenzuela JG, Kamhawi S. 2022. A composite recombinant salivary proteins biomarker for *Phlebotomus argentipes* provides a

surveillance tool post-elimination of visceral leishmaniasis in India. *J Infect Dis.* 226:1842-1851. ISSN: 0022-1899 (print) 1537-6613 (web). IF: 7.759.

- Ejazi SA, **Saha S**, Bhattacharyya A, Das S, Mateus NLF, Costa Lima-Junior MS, Neitzke-Abreu HC, Mendonca IL, Costa CHN, Oliveira Melo-Junior OA, Melo MA, Rossi-Bergmann B, Corso R, Manna L and Nahid Ali N. 2022. Development of Immunological Assays Based on *Leishmania donovani* Antigen for Diagnosis of Canine Visceral Leishmaniasis and Their Multicenter Evaluation in Brazil and Italy. *Front Cell Infect Microbiol.* 12: 914477. ISSN: 2235-2988. IF: 5.293.
- Vardhan, H., **Sasamal, S.**, & Mohanty, K. (2023). Xylitol Production by *Candida tropicalis* from Areca Nut Husk Enzymatic Hydrolysate and Crystallization. *Applied Biochemistry and Biotechnology*, 1-24.
- Saxena, S., Vasudevan, H., Saini, S., & **Sasmal, S.** (2023). Comparative Nutritional Assessment of Millet-Based Milk Produced by Ultrasound, Germination, and a Combined Approach. *ACS Food Science & Technology*.
- Srivastava, R. K., Sarangi, P. K., Shadangi, K. P., **Sasmal, S.**, Gupta, V. K., Govarthanan, M., ... & Subudhi, S. (2023). Biorefineries development from agricultural byproducts: Value addition and circular bioeconomy. *Sustainable Chemistry and Pharmacy*, 32, 100970.
- Vardhan, H., **Sasamal, S.**, & Mohanty, K. (2022). Fermentation process optimisation based on ANN and RSM for xylitol production from areca nut husk followed by xylitol crystal characterisation. *Process Biochemistry*, 122, 146-159.
- Singh, S. K., Kumar, Y., & **Sasmal, S.** (2022). Enhanced Algal Biomass Production in a Novel Electromagnetic Photobioreactor (E-PBR). *Current Microbiology*, 79(12), 395.

Number of paper published in Peer / reviewed journals:

National/International: 20

INTEGRATED SCIENCE EDUCATION AND RESEARCH CENTRE

Name of the students qualified in UGC/CSIR/NET/SLET and GATE

GATE: Akash Shriprakash, Jyoti Ranjan Sethi

National and International standard Conference/Seminar/Workshop/Webinar etc.:

- 30.03.2023-31.03.2023. Dr. Mahasweta Nandi delivered an invited talk entitled “Designing carbon based materials for energy storage devices” at the National Conference on Materials and Mathematical Sciences organized by Kalasalingam Academy of Research and Education, Srivilliputtur, Tamilnadu.
- 14.12.2022-16.12.2022. Dr. Mahasweta Nandi delivered an invited talk entitled “Morphology controlled porous carbons with heteroatom doping for energy storage devices” at Condensed Matter Days (CMDAYS 2022) organized by NIT Nagaland, Dimapur.
- 21.09.2022-27.09.2022. Alok Pratap Singh attended a workshop on R & D equipment under the Synergistic Training Program Utilizing the Scientific and Technology Infrastructure (STUTI-21) organized by Defence Institute of Advanced Technology, Pune, Maharashtra.
- 22.09.2022-24.09.2022. Ananya Pal presented a paper entitled “Porous carbon nanospheres as electrode material for energy storage devices” at International Conference on Air Quality and Human Health organized by the Department of Environmental Studies, Visva-Bharati University and sponsored by the SPARC-MHRD.
- 22.09.2022-24.09.2022. Manjula Pal presented a paper entitled “Impregnation assisted synthesis of N-doped mesoporous carbon for supercapacitors with long-term electrochemical stability” at International Conference on Air Quality and Human Health organized by the Department of Environmental Studies, Visva-Bharati University and sponsored by the SPARC-MHRD.
- 07.02.2023-11.02.2023. Manjula Pal presented a poster entitled “Boosting supercapacitance of hierarchically porous carbons by heteroatom doping and application in energy storage” at International Conference on Air Quality and

Human Health organized by Analytical Chemistry Division, Bhaba Atomic Research Centre in association with Indian Society for Electroanalytical Chemistry (ISEAC).

- 22.09.2022-24.09.2022. Prashanta Pal presented a paper entitled “Metal-organic framework (MOF) derived carbon nanostructure for developing efficient supercapacitors” at International Conference on Air Quality and Human Health organized by the Department of Environmental Studies, Visva-Bharati University and sponsored by the SPARC-MHRD.
- 16.11.2022-22.11.2022. Prashanta Pal attended a workshop Karyashala: Green Energy Harvesting and storage: Materials, methods and applications organized by Indian Association for the Cultivation of Science (IACS), Kolkata, along with the Indian Young academy of Science (INIAS), India.

Ongoing Research Projects in the Department

- Name of the Teacher: Dr. Mahasweta Nandi
Name of the Project: ‘Functional nanomaterials based on mesoporous silica and their potential applications. (Sanction No.: ST/P/S&T/15G-20/2018, dated: 01/02/2019)
Sponsoring Agencies: WB-DST
Amount Sanctioned: Rs. 5,00,000/- (2019-2023)
- Name of the Teacher: Dr. Mahasweta Nandi
Name of the Project: ‘Heteroatom incorporated carbon based porous materials and their electrochemical properties’
(Sanction No. 01(3088)/21/EMR-II dated 13.08.2021)
Sponsoring Agencies: CSIR, India
Amount Sanctioned: Rs. Rs. 16,87,000/- (2021-2024)

Publications:

Research Papers in Peer reviewed/ Refereed/ UGC-Care/ ICAR-NAAS listed Journals

- Khatun, R., Majhi, K., & Sinha, S. (2022). Detailed Photophysical Studies of Poly (9, 9-di-(2-ethylhexyl)-9-H-fluorene-2, 7-vinylene) in Liquid Media and Thin Films. *Applied Spectroscopy*, 76(12), 1471-1481. Pal, A., Pal, M., Ghosh, S., &

- Nandi, M. (2022). Nanoemulsion Technique for the Syntheses of N-Doped Porous Carbon Nanospheres and Their Application in Energy Storage Devices. *Energy & Fuels*, 36(19), 12285-12298.
- Saha, B., Singha, D., Das, T., & Nandi, M. (2023). Tris (4-formyl phenyl) amine functionalized mesoporous silica for selective sensing of Al^{3+} and its separation. *Inorganica Chimica Acta*, 550, 121455.
 - Dey, C., Nandi, M., & Goswami, M. M. (2023). pH dependent enhanced synchronous photocatalytic removal of cationic and anionic dyes by $CoFe_2O_4$ magnetic nanoparticles. *Journal of Molecular Structure*, 1277, 134859.
 - Pal, A., Pal, M., Ghosh, S., & Nandi, M. (2022). Nanoemulsion Technique for the Syntheses of N-Doped Porous Carbon Nanospheres and Their Application in Energy Storage Devices. *Energy & Fuels*, 36(19), 12285-12298.
 - Takawa, S., Sugawara, A., Asoh, T. A., Nandi, M., & Uyama, H. (2022). Composite hydrogels of bacterial cellulose and an ethylene-vinyl alcohol copolymer with tunable morphological anisotropy and mechanical properties. *Materials Advances*, 3(12), 5138-5150.
 - Maiti, M., Bondyopadhyaya, N., & Osipov, V. A. (2022, September). Influence of magnetic field in inversion symmetric Weyl hybrid junctions. In *AIP Conference Proceedings* (Vol. 2551, No. 1, p. 050002). AIP Publishing LLC.
 - Hansda, S., & Pandit, S. K. (2023). Thermosolutal hydromagnetic mixed convective hybrid nanofluid flow in a wavy walled enclosure. *Journal of Magnetism and Magnetic Materials*, 572, 170580.
 - Hansda, S., & Pandit, S. K. (2023). Performance of thermosolutal discharge for double diffusive mixed convection of hybrid nanofluid in a lid driven concave–convex chamber. *Journal of Thermal Analysis and Calorimetry*, 148(3), 1109-1131.
 - Das, P., Pandit, S. K., & Ray, R. K. (2023). A new perspective of higher order compact nonuniform Padé approximation based finite difference scheme for solving incompressible flows directly on polar grids. *Computers & Fluids*, 105793.
 - Mahapatra, T. R., Saha, B. C., Pal, D., & Pandit, S. K. (2022). Analysis of Heatline and Entropy Generation during Magnetohydrodynamic Natural Convection in a Trapezoidal Enclosure. *International Journal of Applied and Computational Mathematics*, 8(6), 280.

- Goswami, K. D., Chattopadhyay, A., & Pandit, S. K. (2022). Magneto-thermogravitational convection for hybrid nanofluid in a novel shaped enclosure. *International Journal of Mechanical Sciences*, 234, 107674.

Number of papers published in Peer / reviewed journals:

National/International: 11

A brief history of the development of the Centre/ Department concerned with an indication of the future plans for development

University Grants Commission in its XI Five-Year Plan accepted the recommendation of The High-Level Committee (HLC)) as constituted by The Paridarsaka (Visitor) of Visva-Bharati, The Honorable President of India, to introduce a Five-Year Integrated Programme in Physical Science under Siksha Bhavana (Institute of Science), Visva-Bharati. Accordingly, Integrated Science Education and Research Centre (ISERC) was established in 2008, and the academic programme was started in 2009. The course is intended to attract highly motivated students to research and education in basic sciences. Presently, after successful completion of the course, Five-Year Integrated M. Sc. degree with Physics/Chemistry/Mathematics/Life Science/Earth and Environmental Science major is awarded to the candidates.

CENTRE FOR MATHEMATICS EDUCATION

Departmental Seminar (Speakers, Title of the Seminar, Date)

- 07.06.2022. **Dr. Subir Sen, Head**, Department of Education, Sidho-Kanho-Birsha University, Purulia, India, delivered lectures on “Analysis of Achievement Test in Mathematics”.
- 29.07.22-30.07.22. **Dr. S K Venkateshan, Technical Director**, TNQ, Chennai, delivered lectures on “Fractal Geometry and mathematical computation”.
- 29.07.22-30.07.22. **Prof G. Kar**, Physics and Applied Mathematics Unit, Indian Statistical Institute, Kolkata, delivered lectures on “Quantum Computing: A new challenge on Mathematics and Physics”.
- 06.09.2022-08.09.2022. **Dr. Asit Saha**, Department of Mathematics, SMIT, Sikkim Manipal University, Sikkim-737136, India, delivered lectures on “Differential Equations, Dynamical Systems, and Chaos: An Introduction”.
- 07.11.2022. **Mr. Chanchal Das, Chairman**, Dass Scientific Research Labs P.L, Ahmedabad, Gujarat, India delivered lectures on “Application of Software in mathematics teaching and learning process”.
- 09.12.2022-13.12.2022. **Prof. Barnana Roy**, Physics and Applied Mathematics Unit, Indian Statistical Institute, Kolkata, West Bengal, India, delivered lectures on “Introduction to Nonlinear Differential Equations”.

National and International standard Conference/ Seminar/Webinar /Workshop / Exhibition etc.:

- 13.09.2022. Prof. P. Chatterjee delivered two invited lectures on Differential equations and Dynamical systems as a resource person in the Refresher Course on Mathematics at Delhi University, Delhi.
- 02.03.2023. Prof. P. Chatterjee delivered an invited talk on **Nonlinear partial differential equations and applications** at Sidho-Kanho-Birsha University, Purulia.
- 02.03.2023. Prof. P. Chatterjee delivered an invited talk on **Mathematics and information science** at Sidho-Kanho-Birsha University, Purulia.

Extension activities/NSS/Cultural and other activities organized by the Department and participated by the Teachers and students of the Department.

- 05.09.2022. Teacher's Day celebrated.

Publications:

Research Papers in Peer reviewed/Referred/UGC-CARE/ICAR-NAAS listed journals:

- **Chatterjee, P** (2022),. Mathematics Defining Life, *Science Reporter*, 59(11), 50-51.
- Ahmed, E. A., Karim, M. R., Banerjee, M., Sen, S., **Chatterjee, P.**, & Mandal, G. (2022). A Comparative Study on Academic Achievement of Mathematics and English with Other Subjects of Secondary Level in BTR of Assam, India, Using Mahalanobis Distance. *Education Research International*.

Number of papers published in Peer / reviewed journals:

National/International: 2

Other relevant information, which in the opinion of the Head of the Department is worth-reporting, should be included.

Mr. Eusob Ali Ahmed received Ph.D. Degree under the supervision of Prof. Prasanta Chatterjee (Supervisor) and Dr. Subir Sen (Co-supervisor, SKB University) for his thesis titled "Statistical Analysis in Mathematics Education: Comparative Evaluation."

A brief history on the development of the Bhavana/Sadana/Vibhaga concerned with an indication of the future plans for development

The Centre for Mathematics Education is working towards the development of teaching, learning, and evaluation of mathematics from primary school to university level. It was established in 1998 and has been engaged with research in mathematics education. Several alumni are taking part in programmes to instruct the teacher of mathematics. They are some key stakeholders in the evolution and growth of the Centre.

KALA BHAVANA

(Institute of Fine Arts)

Kala Bhavana, the faculty of fine arts in Visva-Bharati, was envisaged by Rabindranath Tagore to encourage visual sensibility and creativity as an indispensable part of complete education. With its inception in 1919, its formation has always been held as predating the formal establishment of the university.

The Santiniketan movement initiated at Kala-Bhavana gained its distinctive characteristic, aims and directions from the stewardship of Nandalal Bose, Abanindranath's able student. While it may be perceived as a continuation of the efforts towards defining the modern in Indian visual practice that began with Abanindranath Tagore and his students/followers in Kolkata, Kala-Bhavana responded to the immediacy of nature and life in and around Santiniketan, elevating these impulses beyond the nationalist-revivalist modes of articulation. This was in keeping with the guiding vision of Rabindranath Tagore, whose catholic view towards visual practice is a remarkable example of his pantheistic philosophy. Kala-Bhavana is therefore marked by what has been defined as a “contextual modernism”, locating visual practice within the modern Indian scenario, as its distinctive marker ever since, till the present.

There are five departments at Kala-Bhavana – Design, Graphic Art (Printmaking), History of Art, Painting and Sculpture. Within these, the Design Department locates its practice in two major directions – textiles on the one hand, ceramics and glass on the other. Each of these departments runs the complete range of university courses from the undergraduate to Doctoral research.

A remarkable vision of both Rabindranath Tagore and Nandalal Bose was to conceive a museum and library as integral – and essentially necessary – part of the pedagogic structure in Kala-Bhavana. Books relevant to visual practice collected by the poet constituted the initial nucleus of the library, and traditional artefacts accumulated by Nandalal and Rabindranath, perhaps as early as 1915 onwards, initiated the “Nandan” museum as an academic repository that was to serve as a storehouse of motivating and illuminating examples for reinterpretation into relatively contemporary practice by both the students and the teachers of the Bhavana. More recent practices in the institute may have shifted focus towards relatively current modes of expression, but the library and the museum continue to remain as a very significant and important

support system for Kala-Bhavana. The present collection of the museum goes beyond 19,000 items, and is a modest cross-section of the work of the great pioneers of the new art movement as well as art objects across the world, in keeping with Nandalal Bose's conviction in a pan-Asian spirit for visual practice. Similarly, the library consists of books that cover almost all directions in world art.

In recent years, the addition of a Centre for Interdisciplinary Practice, a studio-based opportunity that is open to all students and faculty members of Kala-Bhavana irrespective of their departments of specialization, has provided a positive impetus towards new-media experiments from what is inherently a conviction in interdisciplinary perspective at Kala-Bhavana. The Centre, therefore, is an effort to restore the initial faith that Kala-Bhavana had in an all-round creative spirit, unrestricted and unfettered by disciplinary and mediumistic specialization. Workshops and residencies initiated by the Centre have offered the possibility of positive and generative encounter between the Kala-Bhavana community and the visiting experts and artists.

Moving beyond the pandemic-lockdown challenge of the recent past years, when the "online" had become the inevitable platform for discussions and virtual meetings, Kala-Bhavana has returned to its offline mode of studio-practice and classroom interactions with a sigh of relief. As part of the university, and the national transition in education, Kala-Bhavana has adopted the CUET evaluation as an index to the process of admission of new batch of students; it has geared up to follow the NEP framework for its undergraduate course of studies with effect from the current session. This new pedagogic order implies a constant negotiation with what it perceives as its convictions from the past, and from tradition, and how its distinctiveness can face more current paradigm shifts in academic discourse. Such challenges often seem to cause a directional tangent, but are nevertheless indices towards the actively living institute that is constantly negotiating past with the present in an effort to evolve.

DEPARTMENT OF DESIGN *(Textile and Ceramics & Glass)*

Departmental Seminar (Speakers, Title of the Seminar, Date):

Seminar/Art Talk in Textile–

- 23.01.2023. A talk ‘Recalibrating Kantha’ delivered by Natasha Mukherjee Narain , Australia .
- 27.02.2023. Documentary film screening “Handloom Daughter” by Nusrat Jahan Nipa, Fashion Designer and Sumon Dhar, (Director) Bangladesh
- 02.02.2023. Artist’s talk and interaction with the students, Guyseika France

National and International Standard Conference/Seminar/Workshop/Exhibition etc.:

Research Scholars:

Ujjal Dey (Ph.D. Scholar) Textile ,Kala-Bhavana

- 31.03-2.04.2023. Art Dusseldorf 2023 - represented by Emami Art, Kolkata.
- 09.02-12.02.2023. India Art Fair 2023- represented by Emami Art, Kolkata.
- 12.10-18.10.2023. A season of conviviality: Kala Bhavana after hundred years, Lalit Kala Akademi, Rabindra Bhavan, New Delhi.
- 01.08-05.08.2022. International Fiber Arts of Time Exhibition, SomnathHore birth centenary celebration, Nandan Gallery, Kala Bhavana.
- 23.07-31.07.2022. GOONJ: An Abstract Continuum Curated by Jesal Thacker, Coomaraswamy Hall, CSMVS Museum, Mumbai.
- 26.03-10.04.2022. 100 YUVA SAMBHAVA - A show of 100 young artists of India.
- 2.08-05.08.2022. Indigo dye and Textile Art Workshop, By Dr.Sithichai Smanchat and Mr.Prach Niyomkar (Thailand),Kala Bhavana.

Esha Mukherjee (Ph.D. Students) Textile

- 28.01-28.02.2023. 8th Young Santiniketan Artists’ Exhibition at SSVAD, Santiniketan.
- 12.10-18.10.2022. A season of conviviality: Kala Bhavana after hundred years, Lalit Kala Akademi, Rabindra Bhavana, New Delhi.

- October 2022. How Gandhi Comes Alive, Gandhi Teerth, Jain Hills, Jalgaon,
- 01.08-05.08.2022. International Fiber Arts of Time Exhibition, Somnath Hore birth centenary celebration, Nandan Gallery, Kala Bhavana.
- 20.02-25.02.2023. Natural dye workshop, by Jagada Rajappa, at Desher Bari, Santiniketan (presented by Sutra Textile Studies, Kolkata,)
- 20.11.2022. ECO-N-VIRON, Advance Natural Dye Workshop, conducted by Mr. Atish Mukherjee, Memari, Burwan.
- 2.08-05.08.2022. Indigo dye and Textile Art Workshop, By Dr. Sithichai Smachat and Mr. Prach Niyomkar (Thailand), Kala Bhavana.
- 01.06.-05.06.2022. Indigo workshop by Mr. Ashok Siju at Indigo Temple, Jeevan Indigo, Bhujori, Kutch.
- 05.05-07.05.2022. Indigo workshop by Dr. Sankar Roy Moulik at Kala Bhavana.

Faculty members:

Participation by Gautam Das, Sisir Sahana, Debasish Das, Dr. Madi Linda & Anupam Chowdhury.

1st – 7th August 2022. Somnath Hore Birth Centenary Celebration Workshop, Kala Bhavana, Santiniketan. Organized by Kala Bhavana.

Participation by Gautam Das, Sisir Sahana, Banatanwi Dasmahapatra, Debasish Das, Madi Linda, Anupam Chowdhury, Bhavna Khajuria Basumatary & Archana Das

- 5th September 2022. Teachers' Day drawing workshop, Kala Bhavana, Santiniketan; 13th – 15th September, 2022: exhibition of works, Nandan Gallery, Kala Bhavana.

Participation by Gautam Das, Sisir Sahana, Banatanwi Dasmahapatra, Pinaki Gayen, Debasish Das, Madi Linda, Bhavna Khajuria Basumatary & Archana Das

- 12th - 18th October, 2022. "A Season of Conviviality: Kala Bhavana after 100 years" exhibition, Lalit Kala Akademy, New Delhi.

Participation by Banatanwi Dasmahapatra & Pinaki Gayen

- 1st – 5th August 2022. "International Fiber Arts of Time Exhibition" on the Occasion of Somnath Hore Birth Centenary Celebration, Nandan Gallery, Kala Bhavana.

Chapter-2

Participation by Gautam Das & Anupam Chowdhury

- 28th December 2022 – 5th January 2023. Zainul Gallery, Faculty of Fine Art, University of Dhaka, Bangladesh.

Participation by Anupam Chowdhury & Bhavna Khajuria Basumatary

- 2nd – 9th February, 2023. participated in the exhibition organized by Kala Bhavana Alumni of Himalayan Terrain (KAHT) to celebrate 100 years of Kala Bhavana (1919-2019)

Participation by Bhavna Khajuria Basumatary & Archana Das

- 10th – 14th February, 2023. participated in the international exhibition at the 3rd international art fair 2023 organized by Papilio Painters, Berhampur, Murshidabad.

Goutam Kumar Das (Ceramics& Glass)

Exhibition

- January 2023. Calcutta Painters Group Exhibition, Birla Academy of Art & Culture, Kolkata
- 27th December 2022. Bandhu o Shikhak (exhibition), Dhaka, Bangladesh, organized by Durjoy Rahman Joy.

Sisir Kumar Sahana (Ceramics& Glass)

A. Workshop

- 13th - 19th November 2022. “Vista National Painting Workshop, Hyderabad, Telangana
- 16th - 20th December 2022. Painting camp organized by Banyan Hearts Studio, Hyderabad.

B. Exhibition

- 7th November - 7th December, 2022. “The Human Spirit: Propositions on Resilience in these Irregular Times” by The INKO Centre, Chennai.
- 29th September - 31st December, 2022. Online exhibition of artworks by Kala Bhavana Praktoni.
- 28th January - 2nd February 2023. “The Glass Menagerie; Contemporary Practices in Glass”, Bikaner House, New Delhi organized by the Glass Makers Club.
- 7th - 28th February, 2023. “Form and Figure”, Gallery Art Pilgrim, New Delhi.

- 28th February - 5th March, 2023. “Facts & Lies”, annual show, members of Reflection of Another Day (RAD), Birla Academy of Art & Culture, Kolkata
- 31st March - 30th April, 2023. Online exhibition of artworks by Kala Bhavana Praktoni.

A. Other activities: Film Making and Screening

- (a) 2022. Wrote, directed and produced a documentary film “Rabindranath and Visva-Bharati”
- (b) 15th September 2022. special screening, Nandan, Kolkata, by Federation of Film Societies of India.
- (c) 22nd February 2023. screening at SIGNS National Film Festival, Kerala, by FFSl, Kerala.

Banatanwi Dasmahapatra (Textile)

A. Workshop

- February 2023. Participated in Ceramic Workshop at Santiniketan Society of Visual Arts and Design (SSVAD), Sonajhuripally, Santiniketan
- 26th November – 2nd December, 2022. Member of Somnath Hore Centenary Workshop Committee Kala Bhavana, Visva-Bharati, Santiniketan

B. Exhibition/presentation

- 28th December 2022 – 3rd January 2023. “Across the Boundaries” *Divergent pictorial expressions of SSVAD*, A group show at the Faculty of Fine Arts, University of Dhaka, Bangladesh
- 2nd -15th October, 2022. Gandhi Research Foundation, organized by Prof. Gita Dharampal within the framework of an ICSSR project on Mahatma Gandhi’s Constructive Programme and its Relevance for Today, Jalgaon, Maharashtra

C. Seminar/ presentation/ Webinar/ Article/ Conference/ Invited Talk

1. 16th January, 2023. “Visual and Sonic Association in Rāgamālā Paintings based on the North Indian Classical Music”, An in-person talk, Fine Arts Discipline, Department of Humanities and Social Sciences, Indian Institute of Technology, Kanpur,

Chapter-2

Pinaki Gayen (Textile)

A. Workshop

- 29th October, 2022. Conducted a workshop on Kalamkari Art, at I.I.T., Kharagpur.

B. Paper Presentation in International Conference

- 3rd - 5th November 2022. Presented a paper titled "Can Visual Artists Regulate Designs to Manipulate Viewers' Gaze Patterns? an Exploration with Eye-Tracker", *Digicom - 6th International Conference on Design and Digital Communication - 2022* (online).
- 15th - 16th September, 2022. Presented a paper titled "Understanding Visual Aesthetics in the Era of Technological Advancement", 9th International Conference on Arts and Humanities - ICOAH 2022 (online).

Debasish Das (Ceramics & Glass)

A. Workshop

- 1. 26.03.2023. G.P Koirala Foundation Art and Culture Department, Nepal organized a one day "Triangle" an International Art Camp and Seminar in Santiniketan, West-Bengal, India.
- 2. "Prabaha" 10th Annual Group Show, 21st of January to 5th February 2023 - organize its Maya Art Space.

Madi Linda (Ceramics & Glass)

A. Workshop

- 28.01.2023 to 03.02.2023. Tribal Painting's Camp, Patratu, Ranchi, Jharkhand.
- 2022. Palash' 22 an All India Exhibition of Painting, Sculpture and Ceramics at Aanandi Art Gallery, Kolkata, Organized by Chotanagpur Art Research and Development Society (CARDS), Ranchi, Jharkhand.

Anupam Chowdhury (Ceramics & Glass)

A. Workshop

- 19th - 25th September, 2022. Low-temperature glaze firing workshop, Assam Valley School

Bhavna Khajuria Basumatary (Ceramics & Glass)

A. Workshop

- 9th – 17th October, 2022. Conducted a workshop of 'Sculpture and Installation Art', Mayo College Girls' School, Ajmer, Rajasthan.

- 30th March, 2023. Joint-coordinator of workshop with the students of ‘Mrinalini Ananda Pathashala’, Visva-Bharati.
- *Exhibition*
- 2022. Maa Group Art Exhibition organized by Mayo Alumni Artist at Mayo College, Ajmer.
- 2022. Invited Participant at a Group Show organized by ‘Khat’ at Kalakshetra, Guwahati.

Archana Das (Ceramics & Glass)

A. Workshop

- 8th & 9th April; 16th & 17th April; 29th & 30th December, 2022; 22nd January, 26th January and 5th February, 2023. Resource Person in “Pottery And Ceramic Workshop” (National), Pottery and Ceramic Studio, Aura, Burdwan.

B. Seminar

- 21st – 22nd February, 2023. Presented a Paper titled “P.R. Daroz Ke Navintam Ceramic Shilpo Ke Vivachana”, in the International Seminar *Hindi Cinema Me Bhartiya Sanskriti*, Allahabad University.
- 24th – 25th March 2023. Presented a paper titled “Ira Choudhury Ka Vyaktitva Va Unka Dwara Nirmat Paatro Ka Kalatmak Adhyayan” in the National Seminar *Bharatiya Sangeet. Rashtriya Ekta Ka Ek Sashakta Maddhyam*, D.G.P.G. College, Kanpur.

C. Exhibition

- 30th April, 2022. Participated in the 5th International Exhibition, Rajeswari Kala Mahotsav 2022, Chandigarh.
- 31st March to 31st May, 2023. Participated in the International Exhibition “Praktoni”, Gallery Art World, Chennai

Extension activities/NSS/Cultural and other activities organized by the Department and participated by the Teachers and students of the Department.

- Teachers participate in decoration and *alpana* for (a) *Briksharopan*, (b) Chatimtala on 7th Pous, (c) Upasana Griha on 25th December, (d) Republic Day and (e) Independence Day.
- Teachers participate in *Swachh Bharat* programme conducted by the University.

Chapter-2

Academic distinctions gained by Teachers/ Scholars or the Department as a whole (Like recognition as D.S.A. or C.A.S. etc.)

Bhavna Khajuria Basumatary

- 2022. Jury member for 'The IPSC Visual Art Fest' "Hum Ek Hain: Harmony" hosted by Rajmata Krishna Kumari Girls' Public School, Jodhpur, Rajasthan
- 2022. Jury member for art competition organized by Mayo college girls' school, Ajmer, Rajasthan.

Pinaki Gayen

- Selected as a Scientific Reviewer and the conference coordinator from India for the 10th International Conference on Arts and Humanities ICOAH 2023. Official Website: <https://fineartsconference.com>

Publications:

Sisir Kumar Sahana:

- Sab e aamader Santiniketane shikkhar phal [in Bengali] (2022). *Aparajita Satyajit*. Kalyani University [ISBN : 978-93-91168-68-1]

Pinaki Gayen:

Article in National Journal

- Gayen, P., & Patnaik, P. (2022, September-October). Kalamkari Art of Srikalahasti, Andhra Pradesh: An Ancient Method of Narrating Stories in Textiles. *Art Gallery* section of *Muse India - the literary e-journal* (Issue No. 105) [ISSN: 0975 – 1815] <https://museindia.com/Museindia/Gallery?issid=105>
- Gayen, P., Banik, G., & Patnaik, P. (2022, July-August). International Calendar Art Collection of Swami Shomananda. *Art Gallery* section of *Muse India - the literary e-journal* (Issue No. 104) [ISSN: 0975 – 1815]. <https://museindia.com/Museindia/Gallery>
- Gayen, P., Shankar, D., & Patnaik, P. (2022, May-June). Eternally Temporal: Puja Installations as Timeless 'Space-Times'. *Art Gallery* section of *Muse India - the literary e-journal* (Issue No. 103) [ISSN: 0975 – 1815]. <https://museindia.com/Museindia/Gallery>

Book Chapter

- Gayen, P., Banerjee, A., Sanyal, S., Patnaik, P., & Ghosh, D. (2023). Influence of Musical Acoustics on Graphic Design: An Exploration with Indian Classical Music Album Cover Design. *Advances in Speech and Music Technology: Computational Aspects and Applications* Cham: Springer International Publishing, pp. 379-395. https://doi.org/10.1007/978-3-031-18444-4_19

- Banerjee, A., Gayen, P., Sanyal, S., Nag, S., Borgohain, J., Roy, S., & Ghosh, D. (2022). Musical Influence on Visual Aesthetics: An Exploration on Intermediality from Psychological, Semiotic, and Fractal Approach. *Advances in Speech and Music Technology: Computational Aspects and Applications*. Cham: Springer International Publishing, pp. 353-378. https://doi.org/10.1007/978-3-031-18444-4_18

Paper in International Conference Proceedings

- Gayen, P., Banerjee, A., Borgohain, J., Banik, G., & Patnaik, P. (2022, October). Can Visual Artists Regulate Designs to Manipulate Viewers' Gaze Patterns? An Exploration with Eye-Tracker. *Advances in Design and Digital Communication III: Proceedings of the 6th International Conference on Design and Digital Communication, Digicom 2022, November 3–5, 2022, Barcelos, Portugal*. Cham: Springer Nature Switzerland, pp. 507-522. https://doi.org/10.1007/978-3-031-20364-0_44

Bhavna Khajuria Basumatary

- Creative journey of Prabir Kumar Biswas. (2022). *Shodhasamhita*, 9 (8), pp. 34-38.
- The healing potential of art. (2022). *Motifs*, 8(1), pp. 65-70.

Archana Das

- Khawra Chitrit Terracotta Patro Avm Tamra-Pasan Yugin Sindhu Sabhyata Ke Patro Ka Madhya Antersambandh [In Hindi]. (2023). *Stom*, (23).[ISSN: 2231-1041], p. 53-57.
- P.R. Daroz ke Naveentam Ceramic Shilpo Ki Vevechana [In Hindi]. (2023). *Janak: A Journal of Humanities* (Vol. – 9, Number – 2)

**Any other relevant information,
Students Exhibition/ Award**

Ujjal Dey (Ph.D. Students) Textile

- Certificate of appreciation, at 8th Young Santiniketan Artists' Exhibition at Santiniketan Society of Visual Arts and Design, Santiniketan, 2023

ChampaTudu (MFA 2nd year Textile)

- Swami Vivekananda Merit-Cum-Means scholarship (V3.0), 2021-2022

Pooja Mukherjee, (MFA 1st year Textile)

- Swami Vivekananda scholarship, PG 2023

Chapter-2

- Certificate of Appreciation at the exhibition at Santiniketan Society of Visual Arts and Design, 28th January - 28th February, 2023
- 12th - 18th October, 2022: “A Season of Conviviality: Kala Bhavana after 100 years” exhibition, Lalit Kala Academy, New Delhi.
- Training Assistant-- for imparting skill up gradation training in Design under 'Samarth'-- reg., Ministry of Textile, Weavers' Service Centre, Government of India

DEPARTMENT OF SCULPTURE

National and International Standard Conference/Seminar/Workshop/ Exhibition etc. Details of chairing/ evaluation/ Presentation made by Teachers/ Research Scholars.

- The Department of Sculpture organized a Dokra Casting Workshop from 14.02.2023 to 03.03.2023.
- As a part of Centenary Celebration the Department of Sculpture organized a Workshop on Wood Carving from 01.08.2022 to 07.08.2022.

Pankaj Panwar

Award:

- 30.08.2022. - “ **Uttam Samman**” for contribution in the field of visual Arts (Sculpture) from Uttam Kumar Manch & R Plus News, Kolkata

Exhibitions (Invited Participations)

- 16.08.22 to 16.09.22. Art of Bengal at the Treasure Art Gallery (TAG), New Delhi, 2022.
- 12.11.22 to 15.12.22. “Shifting Horizons” Sculpture exhibition at the Birla Academy Kolkata, 2022.
- 13.12.22 to 20.12.22. Society of contemporary Artists annual exhibition, Birla Academy, Kolkata.
- 26.12.22 to 04.01.23. Exhibition of SSVAD Artists at the Charukala Art Gallery, Dhaka University. Bangladesh.

Workshops / Seminars / Articles

- Ceramic workshop, SSVAD, Santiniketan, 2022.
- 25.03.23 - Moderator for the seminar “Kala Bhavana Art Pedagogy” organized by Charukala (Dept. of Visual Arts), Govt. of West Bengal.
- Contributed Essay on Kala Bhavana Centenary Publication by the Lalit Kala Akademy, New Delhi, 2023.

Chapter-2

Honorary positions:

- Represented Visva-Bharati at the India-Ireland Education & Business Seminar/ Summit, Dublin, Ireland.
- External Expert of the advisory committee NCERT “DAB” for developing syllabus in line with NEP. Govt. of India.
- Member of the Board of Trustees for Kolkata museum of modern art (KMOMA). W.B.
- Member of the advisory board for Rajya Charukala Parshad (Dept. of Fine Arts), Govt. of West Bengal.
- Member of advisory committee for CIMA, Young Artist Award & Exhibition.
- External Expert the BOS committees of BHU, Rajiv Gandhi University, Rabindra Bharati University, Sister Nibedita University.
- **Guide /Supervisor:** Four Ph. D Scholars.

Sutanu Chatterjee

Exhibitions:

- 27.09.2022 to 02.10.2022. “Enjoying the Art culture of the 2022 Daejeon Festival”- An invited exhibition of foreign artists (COVID-19 – Solo Show) organized by Korea Art & Culture Association, Daejeon Branch at the exhibition room in Areum Square of Daejeon Artist’s House, Korea..
- 29.09.2022 to 31.12.2022 - (SKBP) Praktoni online show 2022, recent works of the members.
- 22.11.2022 to 28.11.2022. A display of paintings & sculptures with ‘SMS’- A group of artists at “CharukalaMela- 2022-2023”, organized by Rajya Charukala Parshad, Information & Cultural Affairs, Govt. of West Bengal at RabindraSadan& Nandan cultural center premises, Kolkata..
- 14.02.2023 to 28.02.2023. ‘Vibrant Hues, Spirited Forms’- A group exhibition of paintings & sculptures, curated by Puja Sarkar organized by ‘SMS’ A group of Artists at Smart Art Gallery, Newtown from.

Workshops:

- 04.04.2022 to 20.04.2022. Joint coordinator of “Nature Reconstructed”- Sculptural artworks on and around dead/fallen tree parts in the Victoria Memorial

Gardens. This workshop jointly organized by Victoria Memorial Hall, Kolkata and Visva-Bharati.

- 28.01.2023. Conducted a one day workshop with students on clay modelling at Sehalai Jr. H. School, Sehalai, Birbhum.

Interview:

- “*Aalapchari*” – An interview about Art & Culture in ‘Malla Sahitya-E Potrika’ published on 31st May, 2022.

Publications:

- “*Ramkinkar-er Khatar Patha*” (Unpublished)– Published in Sharodiya ‘*Ekhon Santiniketan*’, Edited by Abir Mukhopadhyay, Chathurtha Barsha, October, 2022.
- “*Smritipoteamolin*” - A Bengali article published in ‘*Akhon Santiniketan*’- edited by Abir Mukhopadhyay, July, 2022.
- “*Kashmirer Pathyar*” (Bengali Book) by Bikash Debnath- Edited & introduction by Sutanu Chatterjee, Published by Rhito Prokashan, (ISBN: 978-93-94181- 00-7), - July, 2022.
- “*Arun Aaloy*”- A Bengali article published in ‘*Aalo Batash*’- edited by Swapnakamal Sarkar, *Hemanta Sonkha*, December, 2022.
- “*Manida’r Rekhachitra o tanrekti ullekhjogya Prodorshoni*”- A Bengali article published in ‘*Ekalovya*’ – *Shilpa o Bhaskarjya Sonkha*, edited by Samrat Das, December, 2022.
- “*Rojnama: Ajit Chakrabarty’r Dairy*” (Bengali-Book) - edited by Sutanu Chatterjee, Published by Boiwala Book cafe (ISBN 978-93-94087-09-5), January, 2023.

Honorary Positions:

- Member of Academy of Fine Arts, Kolkata.
- Advisory member of Indian National Forum of Art and Culture (I.N.A.C), Kolkata.
- Member of Editorial Board - *Wisdom Speaks* (A Tri-lingual Multi-disciplinary Peer-Reviewed Journal).
- Advisory member of SMS- a Group of Artists, Kolkata.

Chapter-2

Mati Lal Kalai

Award:

- “Maharaja Bir Bikram Kishore Manikya Samman, 2022” Award of felicitation Teacher on the Occasion of 61st Teachers Day, 05.09.2022, under Government of Tripura, Directorate of Secondary Education, Agartala.

Exhibitions:

- 29.09.2022 to 31.12.2022. Santiniketan Kala Bhaban Praktoni(SKBP) online show 2022, recent works of the member.
- 02.02.2023 to 09.02.2023.- KAHT (Kala – Bhavana Alumni of Himalayan Terrain) Exhibition, Nandan Art Gallery, Santiniketan, West Bengal.

Honorary Positions:

- External Expert the BOS committees of Rabindra Bharati University, Kolkata. 2023.
- Expert for the National Level Selection of Cultural Talent Search Scholarship (CTSS) Scheme, Visual Art, CCRT, New Delhi, March, 2023.

Kamal Dhar

Exhibition:

- 14.03.2023 to 20.03.2023. 5th Art Exhibition of Batch’ 88 of Government College of Art & Craft, Kolkata at Academy of Fine Arts, Kolkata,

Rishi Barua

Workshops/Exhibitions

- 01.09.2022 to 05.09.2022. “Come September”- An all India Group Show at Visual Art Gallery, Habitat Centre,.
- 28.12.2022 to 02.01.2023. International Exhibition at Dhaka Charukala Anushad, Dhaka University, Bangladesh.
- 10.01.2023 to 17.01.2023. Invited as a mentor in a art workshop at Majuli Mongeet Fest, Assam.
- 02.02.2023 to 09. 02.2023. KAHT (Kala – Bhavana Alumni of Himalayan

Terrain) Exhibition, Nandan Art Gallery, Santiniketan.

- 12.02.2023 to 26.02.2023. “Open Window”- An All India Group Show at Birla Academy of Art and Culture, Kolkata.

Amit Kumar Dhara

Camp/ Workshops:

- 29.09.2022 to 31.12.2022 - (SKBP) Praktoni online show 2022.
- 06.02.2023 to 08.02.2023. International Digha Art Festival from, by B.M. Fine Art & Culture, at Digha Sea Beach, West Bengal, India.

Lawanshaibha Kharmawlong

Award:

- 14.10.2022. Award of Excellence in Visual Arts at the 50 years of Meghalaya Statehood Independence and ‘AzadikaAmritMahotsav’ 75th Years of Indian Independence conferred by the Govt. of Meghalaya, Department of Art and Culture.

Exhibitions:

- 21.09.2022 to 24.09.2022. International Art Exhibition Aizawl, Mizoram, India.
- 22.10.2022 to 04.11.2022. KAHT (Kala – Bhavana Alumni of Himalayan Terrain) Exhibition Guwahati, Assam.
- 13.09.2022 to 15.09.2022. Kala – Bhavana faculty Exhibition at Nandan Art Gallery, Santiniketan.
- 14.10.2022 to 15.10.2022. Art Exhibition at ‘Tri-Hill Ensemble Festival, Shillong, Meghalaya. By NEAI (North East Arts Initiative).
- 02.02.2023 to 09.02.2023. KAHT (Kala – Bhavana Alumni of Himalayan Terrain) Exhibition, Nandan Art Gallery, Santiniketan, West Bengal.

Other Activities:

- Co-Ordinator Dokra Workshop at Department of Sculpture, Kala – Bhavana, 2023.

Sajad Hussain Hamdani

- KAHT (Kala – Bhavana Alumni of Himalayan Terrain) Exhibition, Nandan Art Gallery, Santiniketan, West Bengal. 02.02.2023 to 09.02.2023.

Chapter-2

Common Activities of the Bhavana/Department:

- 05.09.2022 to 07.09.2022. Drawing Workshop and exhibition of the faculties on the occasion of **Teachers' Day** at Nandan, Kala Bhavana.
- 12.10.2022 to 18.10.2022. "A Season of Conviviality: Kala Bhavana after Hundred years"-A Centenary Show Organized by Lalit Kala Akademi, New Delhi.
- 14.02.2023 – 03.03.2023. Dokra Casting Workshop organized by Department of Sculpture, Kala-Bhavana, Visva-Bharati.

Any relevant information:

- Abhay Pratap Singh, – participated in Intra University Youth Festival, 2022, from 15.09.2022, Visva-Bharati, 1st Position in Collage Event.
- Protap Kumar Nandi, – participated in Intra University Youth Festival, 2022, from 15.09.2022, Visva-Bharati, 1st Position in Clay Modeling Event.
- Protap Kumar Nandi – participated in the 36th Inter University East Zone Youth Festival, from 23.12.2022 to 27.12.2022. 3rd Position in Clay Modeling – Fine Arts Event.
- Dipika Das – Participated in the National Art Camp at Patna, Bihar from 01.06.2022 to 12.06.2022.
- Abhishek Chakraborty – Awarded "Emami Art" Certificate of Excellence – 02.09.2022.
- Bibhu Pal – Participated in the work shop on "Nature Reconstructed" at Victoria Memorial Gardens, Kolkata, 04.04.2022 to 20.04.2022.
- Abhishek Chakraborty– Participated in the work shop on "Nature Reconstructed" at Victoria Memorial Gardens, Kolkata, 04.04.2022 to 20.04.2022.
- Alok Halder– Participated in the work shop on "Nature Reconstructed" at Victoria Memorial Gardens, Kolkata, 04.04.2022 to 20.04.2022.
- Amiabal Ami – Participated in the work shop on "Nature Reconstructed" at Victoria Memorial Gardens, Kolkata, 04.04.2022 to 20.04.2022.
- Arpita Das, Appointed as Engraver, Level – B-4 (Trade-Sculpture, Indian Government Mint at Alipore, Kolkata, 29.09.2022.

- Shreya Mal, Appointed as Art & Craft Teacher (Assistant Teacher) at Gwambo Studios Pvt. Ltd. Kolkata, 06.06.2022.
- Enjamul Islam, Appointed as TGT (Art & Craft) at the Ummed International School, Rajasthan, Udaipur, Abu Road, 01.02.2023.

DEPARTMENT OF PAINTING

Name of the students qualified in UGC/CSIR/NET/SLET &GATE Examination:

- NET: Soumya Yadav (29.09.2022)

Departmental Seminar/Workshop (Speakers, Title of the Seminar, Date)

- 18.09.2022- 27.09. 2022. Lecture demonstration and workshop by Professor Dhali Al Mamun, Chittagong University, Bangladesh on the occasion of Somnath Hore Birth Centenary Celebration, Kala Bhavana; coordinated by Dilip Mitra, Sanchayan Ghosh and Amiya Nimai Dhara.
- 18.09.2022- 24.09. 2022. Lecture demonstration and workshop by N. S. Harsha, Mysore, on the occasion of Somnath Hore Birth Centenary Celebration, Kala Bhavana; coordinated by Prasanta Sahu, Dharitri Boro and Kumar Jasakiya.
- 23.09.2022. Lecture and film screening of *Jothorleena* by Dilara Begum Jolly, Bangladesh, on the occasion of Somnath Hore Birth Centenary Celebration, Kala Bhavana.
- 07.11.2022. Interactive Session by T. V. Santhosh, Mumbai, for students of BFA and MFA, Department of Painting; coordinated by Prasanta Sahu.
- 17.11.2022. Interactive Session with the German artist Katja Davar, organized by the Department of Painting; coordinated by Sanchayan Ghosh.
- 09.02.2023. Presentation of works and interaction by visiting artist Surekha, from Bangalore; coordinated by Sanchayan Ghosh.
- 13.02.2023. Presentation: 'Research in Art Practice' by Bhasha Chakrabarti.
- 15.02.2023- 22.02.2023. Lecture demonstration and workshop on 'Problematics of Sign Making' by Anirban Mitra; coordinated by Rajarshi Biswas.

National and International standard Conference /Seminar /Workshop/Exhibition etc.

Participated in by all faculty members in the Department:

- 12.10.2022 to 18.10.2022. 'A Season of Conviviality' Kala Bhavana after hundred years, an exhibition of teachers of Kala Bhavana at Lalit Kala Akademi, New Delhi. – participated by all faculty members in the Department.
- (a) 5.09.2022. Kala Bhavana Teacher's Drawing workshop as a part of the celebration of Teacher's Day: Coordinated by Dharitri Boro and Kumar Jasakiya;
(b) 13.09. 2022- 15.09.2022. Group show of the drawings from the workshop, Nandan, Kala Bhavana

Participated in by Dilip Mitra, Rajarshi Biswas, Sk Sahajahan & Kumar Jasakiya

- 13.03.2023. 'Suresh-Amiya Memorial Trust' presents a national level exhibition at Nabanna Mela, Geetanjali cultural complex, Santiniketan.

Participated in by Dilip Mitra & Arghya Priya Majumdar

- 28.12.2022 – 2.01.2023. 'Across The Boundaries' An international Group exhibition at Zainul Gallery, Faculty of Fine Arts, University of Dhaka, Bangladesh

Dilip Mitra

- 25.12.2022 – 28.12.2022. 'Debobhasha Shilpomela', A group Exhibition of paintings at Debobhasha Gallery, Selimpur, Kolkata.

Arghya Priya Majumdar

15.11.2022 – 20.11.2022. '58th Annual Group Exhibition' Organized by Calcutta Painters, Birla Academy of Art & Culture, Kolkata.

Sanchayan Ghosh

09.04.2022. Jury Member of the selection process of proposals by seven German artists for the art project 'Kunst Im Treppenhaus' Art in the Staircase invited by Goethe Institute, Kolkata.

- 10.09.22. - 2.11.22. Participated in the International Exhibition "Kolkata: Run in the Alley" curated by Emanuel Klappe and Proneet Soi in the MAARES Maaschtrich, Holland.

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- 21.09.22 - 01.11.22. Invited as part of the selection panel and Jury for the Inlaks Fine Arts Awards 2023 supported by Inlaks Foundation India
- 25.10.22 - 30.10.22. Invited to participate in the public Art project “Who Put Out the Fire” as a participating artist curated by Tanya Abraham and supported by The Arts Out Reach Society(TAOS) in Mattancherry, Kochi, Kerala
- 10.10.2022 - 15.10.2022. Academic symposium on the future of stage design at the Theatrumuseum in Munich, Germany. Zoom presentation online on 14.10.22 curated by Prof. Michael Simon, Lecturer , Zürcher Hochschule der Künste Departement Darstellende Künste und Film Master of Arts in Theater, www.zhdk.ch
- 02.11.2022 - 10.12.2022. Core educators of the annual FICA course, done in collaboration with Serendipity Arts Foundation, titled Practicing Public Art: Exploring tools for Site-Specific Dialogues. Organized by Foundation for Indian Contemporary Art
- 11.12.2022 -10.04.2023. participated in the exhibition A Place at the Table a multimedia international exhibition curated by Tanya Abraham as a collateral project for Kochi Muziris Biennale.
- 21.01.2023. 12th segment of the webinars named 'New Media Art: Towards a critical engagement of Process, Archive and Performativity'. Our webinar is to be held on organized by Group Initiative a national level artist platform
- 15.02.2023. Jury member for the sixth round of Generator Cooperative Art Production Fund, an International funding platform for young artists initiated by experimenter Learnin programme, Experimenter, Kolkata.
- 25.02.2023- 28.02.2023. Invited as a Resource Person to conduct workshop on Scenography: Relationship of Visual Arts and Performance in Department of Fine Arts and Music, Rajiv Gandhi University, Doimukh, Arunachal Pradesh.
- 4.03.2023-5.03.23. Conducted an Installation workshop on 100 years celebration of Mrinal Sen and Mrinal Sen Centenary: A Tribute. Sanchayan Ghosh, scenographer and installation artist, creates a discursive space in memory of Mrinal Sen. In conversation with filmmaker Supriyo Sen on the legacy of Mrinal Sen. as part of the fifth edition of Nabanna Earth Weekend (NEW 2023) festival of arts and ideas, which is part of the annual Nabanna Crafts Festival.
- 8.03.2023. Designed Play Binodini Opera, directed by Abanti Chakraborty produced by Nandipat, Kolkata.

- 25.03.2023 to 27.03. 2023. Conducted the 3 days session workshop, as one of the educators at the Parivartan Residency organized by Foundation for Indian Contemporary Art in collaboration with Arthshila, as part of FICA's Emerging Artist.
- 12.09.2022 - 18.09.2022. Exhibition Coordinator of Kala Bhavana Centenary Exhibition in Lalit Kala Academy, New Delhi.

Rajarshi Biswas

- 14.10.2022- 19.10.2022. 6th Dooars Annual, an International Art Exhibition Held at Jalpaiguri Art Gallery.

Prasanta Sahu

- 12.12.2022. "Anatomy of a vegetable - Ruminations on fragile ecosystem" a solo exhibition at Kochi Muziris Biennale 2022-23.
- 28.01.2023. Participated in group exhibition at India Art Fair 2023.
- 22.02.2023. Conducted 3 days lecture and demonstration at Khallikot Government College of Art and Craft, Khallikot, Odisha.

Dharitri Boro

- 02.02.2023- 09.02.2023. KAHT, a group show of Kala Bhavana Alumni of Himalayan Terrain, Nandan Art Gallery, Kala Bhavana, Santiniketan,
- 22.10.2022- 04.11.2022, KAHT, a group show of Kala Bhavana Alumni of Himalayan Terrain, Srimanta Sankardeva Kalakshetra, Guwahati, Assam,
- 02.10.2022- 05.10. 2022. 'The Weaver', an art installation in the festival ground of Ziro Festival of Music, Ziro valley, Arunachal Pradesh,
- 02.10.2022- 05.10. 2022. 'Entwined Ziro', a 7- day workshop on sustainability with the school children of Ziro valley, Ziro Festival of Music, Ziro valley, Arunachal Pradesh.

Kumar Jasakiya

- 28.08.2022 - 02.09.2022. Dry Point Workshop at the Department of Graphic Art, Kala Bhavana, Santiniketan.

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Extension Activities/NSS/ Cultural and other activities organized by the Department and participated by the Teachers and students of the Departments

Nandan Mela

A project by the Painting Dept. on paper making exploring the Fibers of local plant & trees, Sara painting workshop, Enamel painting workshop, Mask , Greetings card, Sticker making workshop, Silk scroll and reverse painting workshop, Drawing and Calendar designing, Key Holder and Tea coaster making workshop, Lamp shade making workshop, Puppet making workshop: Departmental coordinator: Kumar Jasakiya.

Cleanliness Drive

A Special Departmental initiative comprising of two faculty members and student representative of each class of the Painting Department to ensure the clean and hygienic environment of the studios, equipment and the surroundings. The team observes the cleanliness drive on monthly basis with the help of student volunteers of every class. This activity is intended to keep the students self-aware of their surroundings in regards of cleanliness and hygiene. Faculty member in-charge: Dharitri Boro and Kumar Jasakiya.

Academic distinctions gained by Teachers/ Scholars or the Department as a whole (like recognition as D.S.A. or C.A.S. etc.)

Sanchayan Ghosh (Associate Professor)

- 13.03.2023. BOS member for CAD (College of Art & Design) Burdwan University for UG and PG
- 28.03.2023. Nominated as BOS member of UG programme of Department of Fine Arts, Rajiv Gandhi University, Arunachal Pradesh.

Dharitri Boro

2022. Appointed as External Paper Setter in the subject of Design Criticism and Aesthetics at B. Design, Karnavati University, Ahmedabad, Gujarat,

Publication:

Sk Sahajahan

- Debasish Chanda (05.01.2023.). *Sketch Drawings Scribbles: A book on SK Sahajahan*, Boiwala Book Café, Ratanpally, Santiniketan. ISBN no. 978-81-941573-8-0

Sanchayan Ghosh

- Works featured in the book Parul Dave Mukherji, Partha Mitter et al (ed.) *20th Century Indian Art* (2022) Thames and Hudson, New York.

Designing New Course / Curriculum or any other teaching innovations introduced by the Department.

- Basic knowledge on web based media practice
- Introducing Video Art (documentary based digital editing with ideas exploring soundscape and lighting)
- Installation Art

Any other relevant information,

Activity of Students in Year April 2022 - March 2023

Students' Achievements:

- 19.10.2022. Dhiraj Rabha: IFA- India Foundation for Arts Grant (Project no. 2022-P-0-011) of 5 lakh.
- FICA Emerging artist Award 2022: Surajit Mudi, Pahul Singh.
- 14.09.2022. Tithi Das: 1st Position in Cartooning, Inter University Youth Festival 2022, Visva Bharati.
- 15.09.2022. Tithi Das: 1st Position in Spot Painting, Inter University Youth Festival 2022, Visva Bharati.
- 23- 27 December 2022. Tithi Das: 2nd Position in Spot Painting, 36th Inter University East Zonal Youth Festival, Kriti Utsav, Kalinga Institute of Industrial Technology, Association of Indian Universities.
- 14.09.2022. Priya Kapoor: 2nd Position in Poster Making, Inter University Youth Festival 2022, Visva Bharati.
- 15.09.2022. Priya Kapoor: 2nd Position in Rangoli, Inter University Youth Festival 2022, Visva Bharati.

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- 14, 15, 16 January 2023. Rahul Yadav: 1st Position in Painting competition, Uttar Pradesh Hindi Sansthan, Luknow, Sahitya Academy, New Delhi.
- 24- 28 Feb 2023. Protap Kumar Nandi: 1st Position in Clay Modelling, 36th Inter University National Youth Festival, Jain University, Association of Indian Universities,
- 23- 27 December 2022. Archana Vishwakarma: 1st Prize in Rangoli- Fine Arts , 36th Inter University East Zonal Youth Festival, Kriti Utsav, Kalinga Institute of Industrial Technology, Association of Indian Universities.
- 23- 27 December 2022. Bhaskar Thakur: 2nd Prize in Installation- Fine Arts, , 36th Inter University East Zonal Youth Festival, Kriti Utsav, Kalinga Institute of Industrial Technology, Association of Indian Universities.
- 23- 27 December 2022. Bhaskar Thakur: 1st Prize in Group song (Indian Music) , 36th Inter University East Zonal Youth Festival, Kriti Utsav, Kalinga Institute of Industrial Technology, Association of Indian Universities.
- Sun Robin: Takshila Fine Arts Scholarship 2022.
- 27.04.2022. Tanya Gupta: Realistic artist Award, National Online Art Competition and Exhibition, AKM Kala Sangh, Punjab,
- 22.01.2023. Rahul Yadav: 1st Position in Painting competition, Sambhavana Kala Manch, Gazipur,

DEPARTMENT OF GRAPHIC ART

Name of the students qualified in UGC/CSIR/NET/SLET and GATE Examinations.

1. Jasneet Singh Bindra – June 2022 (merged cycle): NET
2. Anu Mahato – June 2022 (merged cycle): NET & JRF
3. Aranya Sengupta – June 2022 (merged cycle): NET & JRF
4. Bihan Das – December 2022: NET
5. Spriha Maurya – December 2022: NET

Departmental Seminar (Speakers, Title of the Seminar, Date) Seminar/Art Talk

- 6.12.2022. Artist Talk and demonstration on Afghan Box Camera by Lukas Brik, Austria:
- 10.02.2023. Artist Talk and interactive session with students by Prof. Nirmalendu Das, Kala-Bhavana
- 9.02.2023. “A tribute to Somnath Hore” – a national level printmaking workshop with artist’s presentations

National and International standard Conference /Seminar /Workshop / Exhibition etc.:

Participated in by Arpan Mukherjee, Salil Sahani, Dr. Uttam Kumar Basak, Dr. Prashant Phirangi:

- Kala Bhavana Teacher's Drawing workshop as a part of the celebration of Teacher’s Day;
- 13.09. 2022- 15.09.2022. Group show of the drawings from the workshop, Nandan, Kala Bhavana

Participated in by Arpan Mukherjee & Dr. Uttam Kumar Basak:

- 28.12.2022 - 02.01.2023. Participated in a group exhibition titled “Across the boundaries/divergent pictorial expressions”, Zainul Gallery, Faculty of Fine Arts, University of Dhaka, Bangladesh

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Participated in by Dr. Uttam Kumar Basak, Moirangthem Thomas Singh & Dr. Prashant Phirangi:

- 12.10.2022-18.10.2022. Participated in the “A season of Conviviality: “Kala Bhavana after hundred years” an exhibition to mark the centenary of Kala Bhavana and Visva Bharati at Lalit Kala Academy, New Delhi.

Participated in by Moirangthem Thomas Singh & Dr. Prashant Phirangi:

- 05.11.2022-05.12.2022. International printmaking exhibition of prints titled “The road less travelled” at Kerala Lalithakala Academy, S.K. Pottakad Cultural Centre, Puthiyana

Ajit Seal

25.07.2022 - 31.07.2022. Govt. College of Art and Crafts Alumni Exhibition, Assam State Museum, Guwahati.

- 28.12.2022 - 01.01.2023 Govt. College of Art and Crafts Alumni Exhibition, Jorhat Art Gallery, Assam.
- 2.2.2022 - 9.2.2022. *Katha*, A series of exhibitions of contemporary arts by Kala Bhavana Alumni of Himalayan Terrain (KAHT)

Arpan Mukherjee

- 6.09.2022. Presented a paper on Photographic printmaking and history of photography at Arthasila, Santiniketan.

Salil Sahani

- 24.03.2023. Speaker at a seminar organized by Rajya Charukala Parshad, Department of Information and Cultural Affairs, Govt of West Bengal.

Uttam Kumar Basak

- 01.01.2023. Exhibition of Santiniketan Kala Bhavana Praktoni organized by Gallery Art World. www.artworldindia.com.

Moirangthem Thomas Singh

- 14.10.2022 - 19.10.2022. Participated in the 6th International Contemporary Art Exhibition (Professional category) at Sarojendra Deb Raikat Cultural Art Centre, Jalpaiguri.

Prashant Phirangi

05.10.2022 – 07.10.2022 G7 Szekelyfodigrafikai biannual, Szeklerland, EU

Ongoing Research Projects in the Department

Name of teacher	Name of Project	Sponsoring Agencies	Amount Sanctioned
Arpan Mukherjee	Collotype - developing and rediscovering an ancient mechanical printmaking process. [Later this process will be incorporated into the printmaking discipline.]	Self funded	NA
Prashant Phirangi	Lithography: experimentation & documentation	Self funded	NA

Publications:**Prashant Phirangi**

- Pedagogical intervention of Graphic Art (Printmaking). (2022). *Sandhyachal* (Platinum jubilee celebration edition) Guwahati, Govt. College of art & Crafts, Basistha: Techno Ed [ISBN:978-93-81859-94-0]

Designing New Course/Curriculum or any other teaching innovations introduced by the Department.

Introduction of the photo-mechanical process and digital hybrid printmaking methods in the printmaking curriculum.

Awards / Prizes and recognitions received by students:

Sl. No.	Name of Students	Name of Awards	Awarding organization	Date of Award	Level (University/ National /International)
1.	Surajit Adhikary	Online 2 nd Avnindra Nath Tagore Award Ceremony	Jyoti Lalit Kala Academy, Bareilly (UP)	07.08.2022	National

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Sl. No.	Name of Students	Name of Awards	Awarding organization	Date of Award	Level (University/ National /International)
2.	Sweety Chakma	Kala Sakshi Art Scholarship for the year 2022- 23	Kala Sakshi Memorial Trust Website: www.Kalasakshi.org	18.12.2022	National
3.	Narendra Kumar Sain	Rajasthan State Lalit kala Academy Award (63 rd Annual Art Exhibition)	Rajasthan Lalit Kala Academy, Jaipur	24.12.2022	State
4.	Naveen Tungana	Runners-up for Manorama Young Printmakers Award 2022	Presented by India Printmaker house @indiaprintmakerhouse	2022	
5.	Shipra Maurya	K.K. Bangla Memorial Prizes, Manorama Young Printmakers Award 2022	Presented by India Printmaker house @indiaprintmakerhouse	2022	

DEPARTMENT OF HISTORY OF ART

Name of the students qualified in UGC/CSIR/NET/SLET and GATE Examinations.

- **JRF:** Aranya Sengupta

Departmental Seminar (Speakers, Title of the Seminar, Date)

- 30.07.2022 – 31.07.2022. Student Seminar, “Perspectives on South Asia: Approaches to Practices and Histories of Art”, Department of History of Art, Online mode
- 06.08.2022. Public lecture on Graphic Novel by Sarnath Banerjee, Chaired by Dr. Anshuman Dasgupta.
- 07.08.2022 – 13.08.2022. Somnath Hore Centenary Workshop on “Graphic novel: Texts and Images” conducted by Sarnath Banerjee, Curated by Dr. Anshuman Dasgupta.
- 16.08.2022 – 19.08.2022. Somnath Hore Centenary Workshop on “New Media and Writing Contemporary” conducted by ShuddhabrataSengupta, Raqs Media Collective (New Delhi), Curated by Dr. Anshuman Dasgupta.
- 18.08.2022. Public lecture “New Media and Writing Contemporary” by Shuddhabrata Sengupta, Chaired by Dr. Anshuman Dasgupta.
- 12.09.2022. Special Lecture “Looking for the People, Chittaprosad and Somenath Hore” by Rajarshi Dasgupta, Chaired by Dr. SoumikNandy Majumdar.
- 13.09.2022. Special Lecture “Thinking about progress, Kollwitz, Van Gogh and and Paul Klee” by Rajarshi Dasgupta, Chaired by Dr. Soumik Nandy Majumdar
- 17.11.2022. Special Lecture “Grinding Stone, Grinding Stone: The Role of Craft in Art and Life” by Dr. Annapurna Garimella, Chaired by Santhosh Kumar Sakhinala
- 18.11.2022. Special Lecture “The Past(s) in The Present” by Dr. Bishnupriya Basak, Chair: Dr. Soumik Nandy Majumdar
- 14.12.2022. Special Lecture “Tracking the Modern in 20th Century Architecture: Calcutta 1930s-1960s” Professor Swati Chattopadhyay, Chaired by Dr. Anshuman Dasgupta

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National and International standard Conference /Seminar /Workshop / Exhibition etc.:

- 12.10.2022 – 18.10.2022. “A season of Conviviality: Kala Bhavana after Hundred Years” an exhibition to mark the centenary of Kala-Bhavana and Visva-Bharati at Lalit Kala Akademy, New Delhi, curated by Anshuman Dasgupta with Sanjoy Mallik and Soumik Nandy Majumdar.

Sanjoy Kumar Mallik

- 06.02.2023. An illustrated lecture titled “Traditional Indian iconography and its re-interpretation in Contemporary Indian art”, at the seminar Ancient Indian Art: An Iconographic Discourse and its Re-interpretation in Contemporary Art, Charukala Bhavana, Department of Visual Arts, University of Kalyani, West Bengal.

Anshuman Dasgupta

- Taj of the Raj: A multi continental Continuous research seminar and workshop-2022-23, Yale University, Syracuse University, UCSB, USA, DU , Delhi, CSSSC Kolkata and Visva-Bharati, Santiniketan; (participated in 8 Days workshop held in January 2023, Kolkata), Locations: Victoria Memorial Hall and Tolly Club, Kolkata.
- “ Tagore in Bandung” , presentation in October, 2022, as part of the project titled “ The Colour Curtain”, A collaboration between USA, Germany and India, continuing from 2021 till 2023, October.

Soumik Nandy Mazumdar

- 06.12.2022. Delivered online lecture on ‘Notion of Space in East Asian Art: The Oriental perspective’ at the Refresher Course No 2022-23 IRC ORAC for College and University Teachers, for Government College of Art and Crafts, Kolkata, Kolkata University.
- 16.12.2022, 17.12.2022, 23.12.2022 & 24.12.2022. Delivered online lectures on ‘Art as Visual Storytelling’ for International Academy of Film and Media, Dhaka, Bangladesh.
- 28.02.2023. Delivered lecture on ‘Cutting Across Expressions: The Curious Case of Abanindranath Tagore’ at Centre for Comparative Literature, Bhasha Bhavana, Visva Bharati, Santiniketan.

- 25.03.2023. Chaired a session ‘Non-farm Sector & Rural Entrepreneurship’ at 2nd International Conference on Entrepreneurship Development: Opportunities & Challenges, jointly organized by Department of Lifelong Learning and Extension, Visva Bharati & School of Business, Claflin University, USA.

Meghali Goswami

- 25.07.2022 – 31.10.2022. Participated in Govt. College of Art and Crafts Alumni Exhibition, Assam State Museum, Guwahati.
- 28.12.2022 – 01.01.2023. Participated in Govt. College of Art and Crafts Alumni Exhibition, Jorhat Art Gallery, Assam.
- 10.10.2022 – 13.10.2022. Participated in Remember 91, Visual Art Exhibition, Assam State Museum, Guwahati.
- 12.10.2022 – 18.10.2022. Participated in “A season of Conviviality: Kala Bhavana after Hundred Years” an exhibition to mark the centenary of Kala Bhavana and Visva Bharati at Lalit Kala Akademy, New Delhi.
- 13.09.2022 – 15.09.2022. Participated in the Drawing workshop on “Teachers Day” at Kala Bhavana and three-day Exhibition at Nandan Gallery.

Santhosh Kumar Sakhinala

- 31.05.2022. ‘Art Institutions and Pedagogy in Twentieth- Century Hyderabad’, Art Schools of Asia Symposium, Organized by Asia Art Archive, Online mode <https://aaa.org.hk/en/programmes/programmes/art-schools-of-asia-symposium>
- 10.03.2023 – 12.03.2023. “Learning Making: Textile Craft, Gendered Pedagogy and Philanthropy”, Co-presented with Annapurna Garimella, Gendered Threads of Globalization: 20th c. Textile Crossings in Asia, Department of Art History and Visual Studies, University of Victoria, Canada, Hybrid mode (Online and onsite presentations).

Academic distinctions gained by Teachers/ Scholars or the Department as a whole (Like recognition as D.S.A. or C.A.S. etc.)

Anshuman Dasgupta

- Research Advisory Committee (RAC) for PhD-Rabindra Bharati University, Kolkata- External Member.

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- Member, advisory board for SRFTI Kolkata and North East (the new branch in Arunachal Pradesh).
- Jury member for Austrian Science Fund, FWF, Vienna, 2022.

Meghali Goswami

- External Examiner, UGC-JRF report for Up-Gradation to SRF, University of Hyderabad.
- Research Advisory Committee (RAC) History of Art, Rabindra Bharati University
- Research Advisory Committee (RAC) Department of Graphics (Printmaking), Rabindra Bharati University
- Higher Degree Committee of the Department of Graphics Printmaking Department of Rabindra Bharati University on 10 June 2022
- Mentor in College of Engineering Roorkee
- Sustainable Resurgence 17-19 June 2022 Reviewer virtual conference Graphic Era Hill University Dehradun, Uttarakhand .
- Contributed to the designing of the New Syllabus for 4 years Degree Course, Government College of Art and Craft, Assam 2022

Santhosh Kumar Sakhinala

- Member of the Board of Studies (BOS) from 2022 academic year for the Department of Art History, College of Fine Arts, Dr. YSR Architecture and Fine Arts University, Andhra Pradesh.

Publications:

Sanjoy Kumar Mallik

- A call to arms [on Chittaprosad's 1971 drawing "Bangladesh war"] (2023 February). *Iconic Masterpieces of Indian Modern Art*, Edition 02, Volume II, pp. 617 – 622, ed. by Kishore Singh, New Delhi: DAG, Pvt. Ltd [ISBN: 978-93-81217-62-7]

Anshuman Dasgupta

- Dance of the Devil (2023), *Modern Icons*, pp. 599-614, New Delhi: DAG

- Ecosophic Flickers, A reflection on Deep Ecology and Environmental Video Art (2022 December), *Nandan* (Journal of the Department of History of Art), Vol. XXXIV, Santiniketan: Kala Bhavana.
- Somnath Hore: Phirey Dekha Eksho Bochor (in Bangla) (2022 October), *Nandini*, pp. 30-47.
- A Season of Conviviality: Kala Bhavana After Hundred Years, [Curatorial essay for 100 years of Kala Bhavana and Visva Bharati exhibition] (October 2022), New Delhi
- Self Organized Artist's Spaces: an Overview, Notwithstanding the Difference (2022), in the tenth year book of Santiniketan Society of Visual Arts and Design, on occasion of their tenth year, Santiniketan.
- Tiling the Threads, Folding Spaces: the world of Textile (2022), catalogue essay in *International Fibre Arts of Time Exhibition*, Santiniketan: Department of Textile, Kala Bhavana.

Soumik Nandy Mazumdar

- Painter of the Twilight Zone. (2022). *Ganesh Haloi: A Rhythm Surfaces in the Mind*, Ahmedabad: Mapin Publishing [ISBN 978-9385360855]

Meghali Goswami

- Dimensions and Conflicts of Conventionality and Visual Art Practices and Art Criticism in North East India. (2022 November), *Sandhyachal*, the Souvenir of Platinum Jubilee of Govt. College of Art & Crafts, Assam, Guwahati: Basistha, , [ISBN:978-93-81859]
- A Glimpse of Mythical and Hybrid Animal Motifs in the Temple Architecture of Sibsagar, and the Piṅgaleśvara Temple of Assam: Reflection of the Sacred Union (2022 December), *Nandan* (Journal of the Department of History of Art), Vol. XXXIV Santiniketan: Kala Bhavana

Santhosh Kumar Sakhinala

- Pedagogy into an Extended Field of the Art World: A Sketch of an Idea, (2022 December), *Nandan* (Journal of the Department of History of Art), Vol. XXXIV, Santiniketan: Kala Bhavana

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Other relevant information

Binode Behari Mukherjee Archive and Research Centre (BBMARC) ,under the aegis of the Department of History of Art, Kala-Bhavana, and supported by the grant by Mrinalini MukerjeeTrust (MMT), started functioning officially after two of its employees (Documentation and Archive Officer, and an MTS) joined in March 2023. The Centre is located at 13, Purbapalli (formerly the residence of K.G. Subramanyan, noted artist and Emeritus Professor, Kala Bhavana).

Dr. Santhosh Kumar Sakhinala, edited *Nandan* An Annual on Art and Aesthetics (Journal of the Department of History of Art), Vol. XXXIV, (2022 December), Santiniketan: Kala Bhavana.

NANDAN MUSEUM

Conservation and Documentation of Art works (statistical data)

- | | |
|---|-------------|
| ▸ Mechanical cleaning | : 44 Nos. |
| ▸ Mounting, framing & fixing of hinges | : 132 Nos. |
| ▸ Integrated pest management | : 03 Times. |
| ▸ Digitalization of record of art works | : 1762 Nos. |

Conservation and Preservation related work carried out other than Nandan Museum:

During the financial year 2022-2023, Amulya Kumar Jena, Superintendent (Preservation), Kala-Bhavana Museum actively involved and assisted in the following conservation & preservation related works as listed below:

- Solvent cleaning, mechanical cleaning and pesticidal treatment work of murals on the walls of Design Department by K. G. Subramanyan was carried out during April to May - 2022.
- Insecticidal and fungicidal treatment given to all outdoor sculpture along with the Black House of Kala-Bhavana on 5th May 2022, 18th August 2022 and 29th March 2023.
- Mechanical cleaning work of Ramkinkar Baij's open air sculpture "Gandhi", "Sujata", "Harvester", "Mill Call" and "Santal Family" was carried out during the month of May and August - 2022.
- Assisted during the inspection of open-air metallic structure proposed for conservation by Mathematics Department, Sikha-Bhavana on 3rd February 2023.
- Assisted to prepare estimate and condition assessment of Black house on 21st March 2023.

Special Exhibition at Nandan Gallery, Kala Bhavana Museum:

- 01.08.2022 – 05.08.2022: 'International Fiber Arts of Time Exhibition' for Somnath Hore birth centenary celebration, Kala-Bhavana, Visva-Bharati, Santiniketan.
- 12.09.2022 – 16.09.2022: Annual Exhibition of Siksha-Satra, Visva-Bharati, Sriniketan.

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- 13.09.2022 – 15.09. 2022: A group show, drawing workshop and special exhibition as part of the celebration of teacher's day by the Teachers of Kala-Bhavana, Visva-Bharati.
- 01.11.2022 – 07.11.2022: Exhibition by Photographic Association of Dum Dum.
- 11.11.2022 – 18.11.2022: Annual Exhibition of Patha-Bhavana, Visva-Bharati, Santiniketan.
- 06.01.2023 – 13.01. 2023: Exhibition by Bangladesh Artist Group, Mohammadpur, Dhaka, Bangladesh.
- 30.01.2023 – 09.02.2023: Exhibition by Kala Bhavana Alumni of Himalayan Terrain,

Services Provided to Consult and Study Museum Art Treasure:

- Chao Chi Chiu, University of Maryland, USA to study the artwork by Japanese artists in the collection of Kala-Bhavana Museum.
- Eloisa Penner of Washington & Lee University, USA to study the artwork by Rani Chanda in the collection of Kala-Bhavana Museum.
- Uma Ray, Kolkata to study the artwork by Sushen Ghosh in the collection of Kala-Bhavana Museum.
- Esha Mukherjee of Design (Textile), Kala-Bhavana to study Batik Textile in the collection of Kala-Bhavana Museum.
- Suman Gopinath, Grant Watson, Philippe Pirotte of Berkeley Art Museum, USA to study Santiniketan and Java Batik in the collection of Kala-Bhavana Museum.
- Sujit Kumar Das, Kolkata to study the handloom textile in the collection of Kala-Bhavana Museum.
- Md. Tarikat Islam (Bangladesh), Ph.D. Student, Kala-Bhavana to study the traditional Sara in the collection of Kala-Bhavana Museum.
- Masayaki Onishi, Doshisha University, Kyoto, Japan to study the art work and photograph Nandalal Bose in the collection of Kala-Bhavana Museum.
- Tanya Talwar, Ph.D. Student, Humboldt University, Berlin, Germany to study the 19th & early 20th century art of Bengal in the collection of Kala-Bhavana Museum.
- Kerstin Winking, Ph.D. Student, Leiden University, Netherland to study the art work by Sutan Harahap in the collection of Kala-Bhavana Museum.

- Anirban Mitra, Guest Lecture of Painting, Kala-Bhavana to study the Chinese and Japanese scroll in the collection of Kala-Bhavana Museum.

Art Lecture, Presentation & Other Activities at Nandan Gallery, Kala Bhavana Museum:

- Art lecture by Sitthichai Smanchat, Thailand organized by Design Department, Kala-Bhavana.
- Art lecture by Thatree Muangkaew, Thailand, organized by Sculpture Department, Kala-Bhavana.
- Art lecture by Yutt Puektasajatom, Thailand, organized by Graphic Department, Kala-Bhavana.
- Art lecture by Anindita Dutta (Indian), USA, organized by Sculpture Department, Kala-Bhavana.
- Art lecture by Sarnath Banerjee (Indian), Berlin, organized by History of Art Dept, Kala-Bhavana.
- Art lecture by Faisal Mahfuz, Bangladesh, organized by Design Department, Kala-Bhavana.
- Art lecture by Nisar Hossain, Bangladesh, organized by Painting Department, Kala-Bhavana.
- Art lecture by Ritwij Bhowmik, IIT Kanpur, India, organized by Kala-Bhavana.
- Art lecture by Subhra Banerjee(Psychiatrist), India, organized by Kala-Bhavana.
- Art lecture by Srikanta Paul (Visual Artist), India, organized by Kala-Bhavana.

SANGIT BHAVANA *(Institute of Music, Dance & Drama)*

Music education started under the canopy of Kala Bhavana in 1919. At that time the name of the institution was “School of Art and Music”. Gurudeva Rabindranath Tagore, founder of Visva Bharati and one of the greatest thinkers of post-renaissance India deeply cherished the study of music especially different forms of Indian and Oriental Classical (Vocal, Instrumental) and Dance tradition. He had the desire to assemble all forms of classical performing art tradition and gave the whole a new shape, which has its manifestation in various Rabindra Songs, Dance Forms, Dance Dramas etc. Various illustrious personalities accompanied him in these endeavors like Dinendranath Tagore, Bhimrao Shastri, Hemendralal Roy, Pratima Devi, Ustad Allaiddin Khan, Shantidev Ghosh, Shailaja Ranjan Majumder, Asesh Chandra Bandyopadhyay, Buddhimanta Singh, Nabakumar Singh etc.

The performers achieved national and international attention which attracted many students and admirers to assemble at Santiniketan to study profoundly. Gradually, Santiniketan was bestowed with the recognition of the nation's cultural ambassador. Many of its students achieved national and international acclamation and awards.

In 1933, the study of music in Santiniketan started at Sangit Bhavana, specially devoted to studying and performing various forms of oriental music and dance. The institution started with two departments i.e., Rabindra Sangit Dance & Drama and Hindustani Classical Music. The Institution started courses in Tagore songs, Tagore Dance Drama, Manipuri & Kathakali Dance forms under the Department of Rabindra Sangit Dance & Drama, as well as the Indian Classical Vocal, Instrumental courses like Sitar, Esraj, Tabla, Pakhawaj, etc. under the Department of Hindustani Classical Music.

Great artists like Kanika Bandyopadhyay, Rabindralal Roy, V.V. Wazellwar, Sushil Kumar Bhanja, D.T. Joshi, Nimai Chand Boral, Indranil Bhattyacharrya, Suresh Mishra, Ranadhir Roy, Yunus Hussain Khan, Amubi Singh, etc., were teachers in this institution.

Some great personalities in the field of music like Allaiddin Khan, Nikhil Banerjee, Buddhadev Dasgupta, and Faimuddin Khan Dagar came as visiting professors Sangit Bhavana at different times.

Sangit Bhavana regularly conducts various functions and festivals throughout the year like Vasantotsava, Varshamangal, Brikhsaropan, Pous-Utsava, Christosava, etc. in Santiniketan and different cultural centers of the country and abroad.

The tradition continues since then. The journey now has reached a hundred glorious years.

DEPARTMENT OF RABINDRA SANGIT, DANCE & DRAMA

National and International standard Conference /Seminar /Workshop / Exhibition etc.:

Manini Mukhopadhyay

- 27.07.2022. Participated on Hindi Workshop (Rajbhasha Karmashala)

Arpita Dutta Das

- 27.07.2022. Participated on Hindi Workshop (Rajbhasha Karmashala)

Nandita Basu Sarbadhikari

- 23-24.03.2023. Participated and presented a paper titled “Sangiter Madhyome Jatiyo Sanhati Sthapone Sangiter Bhumika” in the International Seminar organized by the Department of Instrumental Music, Rabindrabharati University, Kolkata.

Amartya Mukherjee

- 20.04.2022. ‘Performing Tagore's Drama on Stage: Crisis & Quest’, Visva Bharati Young Scholar Lecture Series.
- 16.03.2023. ‘Rabindranather Samajchetona’ Guest Speaker in the International Seminar, Rabindra Bharati University.

Mrityunjay Kumar Prabhakar

- 17.03.2023. Presented paper on ‘Constitution of Theatrical Language across Cultures:Through Rasa & Bhava’ in a National Seminar organized by Dept of Foreign Languages,Tezpur University,Tezpur, Assam.
- 19.03.2023. Delivered lecture on ‘VisangatiyonKeVyuh Men Vyakti’ in Gyan Manch,Kolkata in a National Seminar called Rang Adda on the occasion of Jashna-E-Azhar theatre festival, organized by Little Thespian, Kolkata.

Suman Bhattachariya

- 18.08.2022. Attended Seminar as Resource Person arranged by Kabi Joydeb College, Illambazar Birbhum, as a program of "Azadi ka Amrit Mahotsav"

Extension activities/NSS/cultural and other activities organized by the Department of Rabindra Sangit, Dance & Drama and Hindustani Classical Music & participation by the Teachers and students of Sangit Bhavana at Santiniketan

13.04.2022 : BASANTA BANDANA

- Sri Suman Bhattacharya (Kirtan, Performance with students & music arrangements)
- Smt. Takhellambam Gyanapati Devi (Performed and choreographed an item in Basanta Utsav)
- Smt. Arpita Dutta Das (Music Performance)
- Dr. Amartya Mukherjee (Nabin Basanta Utsav, Gour Prangon)
- Sri. Shakti Prasad Chakraborty & Sri. Kamalesh Roy (Tabla)
- Prof. Buddhadev Das, Sri. Animesh Chandra, Dr. Alok Banerjee, Sri. Tapas Chatterjee, Sri. Shubhayu Sen Majumdar & Sri. Abir Singh Khangura (Esraj)
- Sri. Pratap Chandra Hazra (Mandira)

14.04.2022 : B.R. Ambedkar Birthday & Barsha Sesh Mandir

- Smt. Arpita Dutta Das (Participation in performance)
- Prof. Buddhadev Das, Sri. Animesh Chandra, Dr. Alok Banerjee, Sri. Tapas Chatterjee, Sri. Shubhayu Sen Majumdar & Sri. Abir Singh Khangura (Esraj)

15.04.2023 : Barsha Baran Upasana Mandir & Ghantatala Programme

- Smt. Arpita Dutta Das (Music performance)
- Sri. Prasanta Kumar Ghosh (Music Direction in Barsha Baran & Upasana Griha)
- Prof. Buddhadev Das, Sri. Animesh Chandra, Dr. Alok Banerjee, Sri. Tapas Chatterjee, Sri. Shubhayu Sen Majumdar & Sri. Abir Singh Khangura (Esraj)

20.04.2022 : Wednesday Mandir

- Dr. Kaustav Karmakar (Solo Performance in Morning Upasana)
- Sri. Tapas Chatterjee (Esraj)
- Sri. Pratap Chandra Hazra (Mandira)

09.05.2022 : Pochisher Baishakh, Boitalik Evening, Patha Bhavana, Chandalika

- Sri. Mohan Kumaran P. & Sri N.P. Sankaranarayanan
- Sri. Basanta Mukhopadhyay (Dance Choreography)
- Prof. Buddhadev Das, Sri. Animesh Chandra & Dr. Alok Banerjee (Esraj)

Chapter-2

09.05.2022 : *Rabindra Janmotsav* at Upasana Mandir

- Smt. Arpita Dutta Das (Organized and Performed)
- Sri. Prasanta Kumar Ghosh (Music Direction & Performance)
- Sri. Shakti Prasad Chakraborty & Sri. Kamalesh Roy (Tabla)
- Sri. Abir Singh Khangura & Sri. Tapas Chatterjee (Esraj)

24.05.2022 : 250th Birth Anniversary of Raja Ram Mohan Roy at Upasana Griha

- Sri. Prasanta Kumar Ghosh (Music Direction & Solo Performance)
- Dr. Alok Banerjee & Sri. Shubhayu Sen Majumdar (Esraj)

30.05.2022 : *Shyama Dance Drama* at Lipika Auditorium

- Prof. Madhabi Ruj (Direction)
- Sri. Basanta Mukhopadhyay (Dance Choreography)
- Prof. Buddhadev Das & Sri. Animesh Chandra Roy (Esraj)
- Sri. Sitaram Das, Sri. Shakti Prasad Chakraborty & Sri. Kamalesh Roy (Tabla)
- Sri. Pratap Chandra Hazra (Mandira)

06.07.2022 : *Wednesday Mandir*

- Dr. Kaustav Karmakar & a group of students (Song performance)
- Sri. Shubhayu Sen Majumdar & Sri. Abir Singh Khangura (Esraj)

20.07.2022 : *Lecture Series Organised by VB, Lectured by Dr. Kunal Sarkar*

- Dr. Surajit Roy (Performed Ved Gaan)
- Dr. Manini Mukhopadhyay (Performed Ved Gaan)
- Smt. Arpita Dutta Das (Performed the Opening Song)
- Sri. Shakti Prasad Chakraborty (Tabla)

25.07.2022 : *Kali Kirtan* in 52nd Lecture Series in VB

- Sri Suman Bhattacharya (Song Performance)
- Sri. Animesh Chandra, Dr. Alok Banerjee (Esraj)
- Sri. Shakti Prasad Chakraborty & Sri. Kamalesh Roy (Tabla)
- Sri. Pratap Chandra Hazra (Mandira)

27.07.2022 : *Raj Bhasha Karmashala*

- Smt. Arpita Dutta Das (Song Performance)

- Sri. Kamalesh Roy (Tabla)

01.08.2022 : Special Mandir of Sushovan Banerjee

- Sri. Prasanta Kumar Ghosh (Music Direction)
- Smt. Arpita Dutta Das (Song Performance)
- Sri. Subhayu Sen Majumdar & Sri. Abir Singh Khangura (Esraj)
- Sri. Pratap Chandra Hazra (Mandira)

08.08.2022 : *Smaran*, An Evening Upasana at Lipika Auditorium

- Sri. Prasanta Kumar Ghosh (Music Direction)
- Dr. Manini Mukhopadhyay, Dr. Surajit Roy & Smt. Arpita Dutta Das (Music Performance)
- Sri. Subhayu Sen Majumdar, Sri. Tapas Chatterjee & Sri. Abir Singh Khangura (Esraj)
- Sri. Kamalesh Roy & Sri. Shakti Prasad Chakraborty (Tabla)
- Sri. Pratap Chandra Hazra (Mandira)

13.08.2022 : Ved Gaan at Rabindra Saptaho

- Dr. Kaustav Karmakar & Students (Performed *Rabindranath O Bouddha Bhavana*)
- Sri Shuvankar Mondal & Students (Performed *Amar Rabindranath*)
- Sri. Tapas Chatterjee, Sri. Abir Singh Khangura (Esraj)
- Sri. Pratap Chandra Hazra (Mandira)

10.08.2022 – 14.08.2022 : Rabindra Saptaho

- Faculties of Rabindra Sangit, Dance & Drama and Hindustani Classical Music participated and performed

15.08.2022 : Independence Day

- Dr. Saptarshi Roy, Sri Suman Bhattacharya & Smt. Arpita Dutta Das (Song Performance)
- Sri. Shakti Prasad Chakraborty, Sri. Kamalesh Roy (Tabla)
- Sri. Pratap Chandra Hazra (Mandira)

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16.08.2022 : Barsha Mangal

- All Faculties of Rabindra Sangit, Dance & Drama and Hindustani Classical Music participated and performed

30.08.2022 : *Balmiki Pratibha* Music Drama at Doordarshan

- Dr. Amartya Mukherjee (Song Performance)
- Dr. Alok Banerjee, Sri. Subhayu Sen Majumdar (Esraj)
- Sri. Animesh Chandra (Keyboard) & Sri. Pratap Chandra Hazra (Mandira)

21.09.2022 : Rather Roshi, Sharodotsav, Gour Prangan by Sangit Bhavana

- Sri. Animesh Chandra (Esraj)
- Stage Lighting & Background Music Composition

26.09.2022 : *Agomoni* at Bharat Tirtha

- Sri Suman Bhattacharya (Music Performance)
- Sri. Animesh Chandra & Sri. Tapas Chatterjee (Esraj)
- Sri. Kamalesh Roy & Sri. Shakti Prasad Chakraborty (Tabla)
- Sri. Pratap Chandra Hazra (Mandira)

27.09.2022 : Sharodotsav, Ramkinkar Mancha, Bharat Tirtha

- Sri. Prasanta Kumar Ghosh (Music Direction)
- Sri. Animesh Chandra & Dr. Alok Banerjee (Esraj)

31.10.2022 : Birthday Celebration of Sardar Vallabhbhai Patel, Bharat Tirtha

- Sri Suman Bhattacharya (Music Performance)
- Sri. Animesh Chandra (Esraj)
- Sri. Shakti Prasad Chakraborty & Sri. Kamalesh Roy (Tabla)

09.11.2022 : Wednesday Mandir

- Sri. Shubhankar Mondal & a group of Students (Performed four songs in morning upasana)
- Dr. Alok Banerjee (Esraj)
- Sri. Shakti Prasad Chakraborty & Sri. Kamalesh Roy (Tabla)
- Sri. Pratap Chandra Hazra (Mandira)

23.11.2022 : Weekly Mandir

- Dr. Nandita Basu Sarbadhikary (Song Performance)
- Sri. Tapas Chatterjee, Sri. Abir Singh Khangura (Esraj)
- Sri. Kamalesh Roy & Sri. Shakti Prasad Chakraborty (Tabla)

26.11.2022 : Vedic Hymns, National Anthem & Two Patriotic Songs of Rabindra Nath Tagore On the Occasion of Constitution Day of India

- Sri Suman Bhattacharya & Dr. Kaustav Karmakar (Song Performance)
- Sri. Tapas Chatterjee (Esraj)
- Sri. Shakti Prasad Chakraborty & Sri. Kamalesh Roy (Tabla)
- Sri. Pratap Chandra Hazra (Mandira)

28.11.2022 : Rathindra Mela

- Sri Suman Bhattacharya & Dr. Manas Bhul (Song Performance)
- Sri. Abir Singh Khangura (Esraj)
- Sri. Shakti Prasad Chakraborty & Sri. Kamalesh Roy (Tabla)
- Sri. Pratap Chandra Hazra (Mandira)

23.12.2022 : Diksha Divas Upasana, Chhatimtala

- Dr. Manini Mukhopadhyay, Sri. Prasanta Kumar Ghosh, Dr. Surajit Roy & Dr. Saptarshi Roy (Music Performance)
- Dr. Alok Banerjee (Esraj)
- Sri. Shakti Prasad Chakraborty & Sri. Kamalesh Roy (Tabla)
- Sri. Pratap Chandra Hazra (Mandira)

24.12.2022 : *Bhanu Singher Padabali* at Poush Utsav, Gour Prangan

- Sri. Prasanta Kumar Ghosh (Solo Performance)
- Smt. Arpita Dutta Das (Music Performance)
- Prof. Buddhadev Das, Sri. Animesh Chandra (Esraj)
- Sri. Shakti Prasad Chakraborty, Sri. Sitaram Das & Sri. Kamalesh Roy (Tabla)
- Sri. Pratap Chandra Hazra (Mandira)

25.12.2022 : Christotsav Mandir

- Dr. Nandita Basu Sarbadhikary (Song Direction)

Chapter-2

- Sri. Shubhayu Sen Majumdar & Sri. Animesh Chandra (Esraj)
- Sri. Shakti Prasad Chakraborty & Sri. Kamalesh Roy (Tabla)
- Sri. Pratap Chandra Hazra (Mandira)

04.01.2023 : Wednesday Mandir

- Dr. Kaustav Karmakar (Song Performance)
- Sri. Shubhayu Sen Majumdar (Esraj)
- Sri. Shakti Prasad Chakraborty & Sri. Kamalesh Roy (Tabla)
- Sri. Pratap Chandra Hazra (Mandira)

12.01.2023 : Special Mandir on 160th Birth Anniversary of Swami Vivekananda

- Smt. Arpita Dutta Das (Song Performance)
- Dr. Alok Banerjee & Sri. Animesh Chandra (Esraj)
- Sri. Shakti Prasad Chakraborty & Sri. Kamalesh Roy (Tabla)
- Sri. Pratap Chandra Hazra (Mandira)

25.01.2023 : Wednesday Mandir

- Sri Shuvankar Mondal (Song Performance)
- Sri. Tapas Chatterjee & Sri. Abir Singh Khangura (Esraj)
- Sri. Shakti Prasad Chakraborty & Sri. Kamalesh Roy (Tabla)
- Sri. Pratap Chandra Hazra (Mandira)

26.01.2023 : Maghotsav Special Upasana & Republic Day Celebration

- Dr. Manini Mukhopadhyay & Dr. Surajit Roy (Song Performance)
- Prof. Buddhadev Das, Sri. Animesh Chandra (Esraj)
- Sri. Shakti Prasad Chakraborty & Sri. Kamalesh Roy (Tabla)
- Sri. Pratap Chandra Hazra (Mandira)
- Dr. Saptarshi Roy (Observed & Performed at Physical Education Ground)

01.02.2023 : Wednesday Mandir

- Dr. Kaustav Karmakar (Song Performance)
- Sri. Shubhayu Sen Majumdar (Esraj)
- Sri. Shakti Prasad Chakraborty & Sri. Kamalesh Roy (Tabla)
- Sri. Pratap Chandra Hazra (Mandira)

06.02.2023 : Halbasiya Smriti Byakkhan at Hindi Bhavana

- Dr. Manini Mukhopadhyay (Ved Gaan)
- Smt. Arpita Dutta Das (Opening Song)
- Sri. Shakti Prasad Chakraborty & Sri. Kamalesh Roy (Tabla)
- Sri. Pratap Chandra Hazra (Mandira)

06.02.2023 : Cultural Programme of Visva-Bharati Womens' Association on the Occasion of Sriniketan Utsav

- Dr. Nandita Basu Sarbadhikary (Song Performance)
- Sri. Tapas Chatterjee (Esraj)
- Sri. Shakti Prasad Chakraborty (Tabla)

06.02.2023 : Folk Song Performance by Students at FRESCO, Sriniketan

- Sri. Prasanta Kumar Ghosh (Music Direction)
- Dr. Alok Banerjee & Sri. Tapas Chatterjee (Esraj)
- Sri. Shakti Prasad Chakraborty & Sri. Kamalesh Roy (Tabla)
- Sri. Pratap Chandra Hazra (Mandira)

06.02.2023 : Magh Mela, Sriniketan

- Sri. Mohan Kumaran P. & Sri. N.P. Sankaranarayanan
- Sri. Tapas Chatterjee (Esraj)

13.02.2023 : Kathakali Cholliyattam (Sangat on stage) & Traditional Kathakali

- Sri. Mohan Kumaran P., Sri. N.P. Sankaranarayanan, Sri. Mukundran P., Sri. Suchindran P., Sri. Rajesh M. & Sri. Rajan P.

15.02.2023 : Weekly Mandir

- Dr. Nandita Basu Sarbadhikary (Song Performance)
- Sri. Shakti Prasad Chakraborty & Sri. Kamalesh Roy (Tabla)
- Sri. Pratap Chandra Hazra (Mandira)

18.02.2023 : Swadesh Amar Swapno at Bharat Tirtha

- Dr. Amartya Mukherjee (Drama Performance)

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21.02.2023 : Mother Language Day Celebration at Bangladesh Bhavana

- Dr. Nandita Basu Sarbadhikary (Song Direction)
- Dr. Kaustav Karmakar & Sri Suman Bhattacharya (Sang two songs of *Rajanikanta Sen & Dwijendralal Roy*)
- Sri. Animesh Chandra (Esraj)
- Sri. Shakti Prasad Chakraborty & Sri. Kamalesh Roy (Tabla)
- Sri. Pratap Chandra Hazra (Mandira)

23.02.2023 : Performance of *Bhanu singher Padabali* for the visit of Hon'ble Defence Minister Sri Rajnath Singh

- Sri. Prasanta Kumar Ghosh (Direction)
- Dr. Manini Mukhopadhyay (Music Performance)
- Dr. Biplab Biswas (Stage Lighting)
- Sri. Basanta Mukhopadhyay (Dance Choreography)
- Prof. Buddhadev Das, Sri. Animesh Chandra & Dr. Alok Banerjee (Esraj)
- Sri. Sitaram Das, Sri. Shakti Prasad Chakraborty & Sri. Kamalesh Roy (Tabla)
- Sri. Pratap Chandra Hazra (Mandira)

24.02.2023 : *Annual Convocation* at Amrakunja

- Dr. Manini Mukhopadhyay, Sri. Prasanta Kumar Ghosh, Dr. Surajit Roy & Smt. Arpita Dutta Das (Music Performance)
- Sri. Animesh Chandra & Dr. Alok Banerjee (Esraj)
- Sri. Shakti Prasad Chakraborty & Sri. Kamalesh Roy (Tabla)
- Sri. Pratap Chandra Hazra (Mandira)

02.03.2023 : Basanta Vandana Kirtan

- Sri Suman Bhattacharya (Kirtan)
- Sri. Animesh Chandra (Esraj)
- Sri. Shakti Prasad Chakraborty & Sri. Kamalesh Roy (Tabla)
- Sri. Pratap Chandra Hazra (Mandira)

03.03.2023 : *Bhanusingher Padabali* for Basanta Vandana at Gour Prangon

- All Faculties of Rabindra Sangit, Dance & Drama and Hindustani Classical Music participated and performed

03.03.2023 : Basanta Vandana 2023

- All Faculties of Rabindra Sangit, Dance & Drama and Hindustani Classical Music participated and performed

03.03.2023 : *Mayar Khela* Tagore Dance Drama for Basanta Vandana

- All Faculties of Rabindra Sangit, Dance & Drama and Hindustani Classical Music participated and performed

09.03.2023 : Programme of VB Womens' Association at Central Library

- Dr. Nandita Basu Sarbadhikary (Song Performance)
- Sri. Shakti Prasad Chakraborty & Sri. Kamalesh Roy (Tabla)
- Sri. Pratap Chandra Hazra (Mandira)

13.03.2023 : 57th Lecture Series at VB, Lectured by Eminent Actor Sri *Anupam Kher*

- Dr. Manini Mukhopadhyay, Sri. Prasanta Kumar Ghosh & Dr. Kaustav Chatterjee, Dr. Surajit Roy (Performance & Direction in *Bhanusingher Padabali*)
- Sri. Basanta Mukhopadhyay (Dance Choreography)
- Dr. Biplab Biswas (Stage Lighting)

28.03.2023 : Performance at Cultural Programme at Annual Convocation at Udayan Bari for the Visit of Hon'ble President *Smt. Draupadi Murmu*

- Dr. Manini Mukhopadhyay, Sri. Prasanta Kumar Ghosh & Dr. Surajit Roy (Music Performance)
- Sri. Animesh Chandra & Dr. Alok Banerjee (Esraj)
- Sri. Shakti Prasad Chakraborty & Sri. Kamalesh Roy (Tabla)
- Sri. Pratap Chandra Hazra (Mandira)

Chapter-2

Academic distinctions gained by Teachers/ Scholars or the Department as a whole (Like recognition as Department of Special Assistance (D.S.A.) or Centre for Advanced Studies (C.A.S.), etc.)

Indrani Mukhopadhyay

- 18.01.2023. One Ph.D. scholar awarded under supervision named Sushmita Ray.

Manini Mukhopadhyay

- 10.10.2022. to 22.10.2022. Successfully completed UGC-sponsored Refresher course at Himachal Pradesh University (Online Mode)

Nandita Basu Sarbadhikary

- 11.8.2022. to 26.8.2022. Participated in the Refreshers' Course conducted by UGC HRDC University of North Bengal.

Surajit Roy

- 10.10.2022. to 22.10.2022. Successfully completed UGC-sponsored Refresher course at Himachal Pradesh University (Online Mode).

Konjengbam Sunita Devi

- Awarded Sankalpa Basanta Samman 2023. for Manipuri Classical Dance, organized by Birbhum Sankalpa, Sainthia, Birbhum.
- 13.02.2023. Awarded Manipuri State Kala Academi Award, 2021.

Publications:

Nandita Basu Sarbadhikary

- Sarbadhikary N.B, 2022. *The Cultural Interaction between India and South and South East Asia: Contribution of Rabindranath Tagore, the Perspective: Asia Pacific, A Collection of Essays Presented at Tenth Biennial International Conference on Online Platform*, November 2020, pp53-65, Indian Association for Asian and Pacific Studies, Kolkata ,ISBN:978-81-89863-88-3.
- Sarbadhikary N.B,(B.S.1429), Sangit Jagote Projjwal Jyotisko: Pandit Ravishankar, *Khoai A Collection on Literature and Culture*, the Tri-Annual Journal of Art and

Humanities ‘Khoai’(Peer Reviewed Journal, ed. Kishore Bhattacharya),No.49; 22 Shraavan ,Vol 49, Issue 49, Santiniketan, pp172-177, ISSN :2319-8389.

- Sarbadhikary N.B, *The Universal Approach to Music and Rabindranath*, ‘Anudhyan’ An International Journal of Social Sciences(Vol 7,Issue1)(Peer Reviewed) , pp176-184, Raja Narendralal Khan Women’s College, Paschim Medinipore, West Bengal , ISSN:2455-6319.

Surajit Roy

- Surajit. R. (1 st August 2022.) “*Kabipotni Mrinalini Devi O Dinendranath Thakur kelekchachitthiteSangiterProsongo*” published in Sambad Bicitra Journal, ISSN No-1542-5657.
- Surajit. R. (2022) “*Rabindranather Gaaner Olonkorone Esraj*” Published in NABC, Smaranika.
- Surajit. R. (December2022)“*dhurjoti Prasad Mukhopadhyay O Rabindranather Sangit BishoyokAlochona*”, published in Khoyai Journal, ISSN: 2319-8389.

Saptarshi Ray

- Saptarshi. R (2023.), *Rabindra-Rachana Parikrama: RagerKalanushanga O Bhabachitra*, Boiwala Book Cafe, Santiniketan- 731235, ISBN: 978-94087-39-2.

Amartya Mukherjee

- Mukhopadhyay. A (2022.), “Amader Santiniketan.” Ananda Shotok (Centenary Volume of Essays, *Ananda Bajar Patrika*,ed.Semonti Ghosh) pp-291-92, ABP: Kolkata.ISBN 978-93-5425-3225.
- Mukhopadhyay. A (2023.) 03 Songs were published in the book *Rabindraganer Antarale* by Purnendu Bikash Sarkar, Signet Press: Kolkata. ISBN 978-93-5425-0156.
- Mukhopadhyay. A. (Sept. 2022), “*JorasankoThakurbarirNatyacharcha*,” Kolkata: Bichitrapatra.
- Mukhopadhyay, A. (Oct. 2022), “*SadharanRangalay O Rabindranath*,” Kolkata: PurbaPashchim.

Chapter-2

Mrityunjay Kumar Prabhakar

- Prabhakar, M.K. (March-May 2022.) “Performing Women: A Critical Study of Construction of Woman in Ancient Indian Drama,” *Bhairavi* (UGC-Care Listed), Vol. 21, pp. 223-230. ISSN 0975-5217.
- Prabhakar, M.K. (March-May 2022)“Revisiting Teaching-Education in Performing Arts in 21st Century,” *Bhairavi* (UGC-Care Listed), Vol. 24, pp. 219-224. ISSN 0975-5217.

Biplab Biswas

- Biswas. B. “*Bangla Samajik Natoke Sanglaper Bibartan*”, Book: ‘Paschibanger Bangla Gabeshanar Nana Diganta’, Edited by Dr. Prabir Pramanick, Publication: Shobha Prokash, Dhaka, Bangladesh)

Designing New Course/Curriculum or any other teaching innovations introduced by the Department.

P. Mukunda Kumar

- Modified the syllabus of Kathakali (MPA).

N.P.Sankaranarayanan

- Modified the syllabus of Kathakali (MPA).

Sucheendranathan.P.K

- Modified the syllabus of Kathakali (MPA).

Amartya Mukherjee

- Modified the syllabus of Drama and Theatre Arts (MPA).

Mrityunjay Kumar Prabhakar

- Part of Curriculum/syllabus change and restructuring of Drama & Theatre Arts syllabus.

Biplab Biswas

- Modified the syllabus Drama & Theatre Arts {BPA(H) & MPA}.

DEPARTMENT OF HINDUSTANI CLASSICAL MUSIC

Name of the students qualified in NET (UGC/CSIR/ICAR)/SET and GATE Examinations.

- Supriti Bhattacharya (SET qualified 31.03.2023 Roll. No. 16031966 under West Bengal College service commission)
- Namrata Kundu (SET qualified 31.03.2023 Roll. No. 32085225 under West Bengal College service commission)
- Pallabi Patnaik (UGC NET Qualified) Roll No. WB08100081

National and International standard Conference /Seminar /Workshop / Exhibition etc.:

Sabyasachi Sarkhel

- 17.08.2022 -18.08.2022. Attended College Service Commission WB, Workshop as an External Expert.
- 15.09.2022 - 17.09.2022. Attended NAAC Visit as a Co-ordinator of NAAC Peer Team, Sachindev Barman Music College, Agartala.
- 19.11.2022 - 24.11.2022. Attended NTA workshop, in Delhi as an External Expert.
- 09.02.2023. Attended Selection Committee meeting at Allahabad University, Prayagraj.

Amit Kumar Verma

- 20.2.2023. Delivered an invited lecture on “Sangeet Evam Kala Patrikaon ka Sampadan” in the national webinar organized by Shivam Sanskratik Manch, Bihar.
- 03.01.2023- 07.01.2023. Jury member in national Kala Utsav-2023 organized by NCERT, Ministry of Education, Govt. Of India held in Bhubaneswar, Odisha.

Ranjani Ramachandran

- 14.08.2022. Performed Hindustani Classical Vocal music (solo) in an invited concert entitled “March to Freedom” organized by DAG and Indian Museum, Kolkata.
- 18.10.2022. Performed in an invited solo concert entitled “Jalsa, Hindustani Classical vocal recital” organized by Gopal Gayan Samaj, Pune.

Chapter-2

- 21.10.2022. Performed in an invited solo concert entitled “Nirgunke Gun” organized by Lalit Kala Kendra Gurukul, Savitribai Phule Pune University.
- 07.11.2022. Participated in an online interview entitled “Ranjani Ramachandran An Indian Classical Vocalist Exclusive Interview Part 1 & Part 2” organized and conducted by Raaggiri YouTube Channel
- 12.11.2022. Performed in an invited online concert entitled “Hindustani Classical Vocal Music (solo) curated by Mihir Thakore” organized by Mihir Thakore and streamed online onyoutube.
- 01.12.2022-02.12.2022. Conducted workshop entitled “Music Appreciation Workshop (Indian Classical)” organized by Department of Animation Cinema, Satyajit Ray Film and Television Institute (SRFTI), Kolkata.
- 25.02.2023-28.02.2023. Conducted a workshop on Classical Music organized by Department of Fine Arts and Music, Rajiv Gandhi University, Rono Hills, Doimukh, Arunachal Pradesh. Title of the Programme “4 Day Workshop on Hindustani Classical Music (Vocal)”

Research Scholars

Eshita Chakraborty (Supervisor)

- 15.09.2022-16.09.2022. International Seminar on The Songs of Kavi Bijoy Sarkar organized by Department of Vocal Music, Rabindra Bharati University by Sayak Das. Title: - Kobi Bijoy Sarkarer Gaan o tate raga sangeeter probhav.
- 16.03.2023-17.03.2023. Two days International Seminar on ‘Rabindranath and Spirit of Socialism’ organized by Department of Dance, Rabindra Bharati University, Presented a paper entitled ‘The Philosophical View of Dhrupad Pada and Tagore’s Dhrupadanga Songs by DipanwitaBagdi
- 09.11.2022. Anandvardhan, a research scholar, participated as Resource Person of Guru Dakshta 14th Faculty Induction Programme (FIP), organized in HUMAN Resource Development Centre (HRDC), Ranchi University, Ranchi on the topic titled ‘Indian Music’.

Chaya Rani Mandal (Supervisor)

- 25.03.2023. Md. Aftab Uddin- Participated and presented a paper entitled “ Sangite Bhakti: Ashampradayik Nazrul” in an International Seminar held at St. Paul’s Cathedral Mission College, Kolkata.

- 12.01.2023. Agamani Garai- Participated and presented a paper entitled “Banglar Swarna Juge Onnotomo Sudin Dasgupter chetonay Gurudev Rabindranath Thakur” in an International Seminar held at ICCILLSR & Metropolitan University, Prague.
- 03.03.2023. Pratyusha Roy- Participated and presented a paper entitled “Begum Akhtar jir Kalojoyi bangle raga pradhangaan: Ektibishlesonatomksomikkha” in an International Seminar held at Uttar Banga University, Siliguri.

Amit Kumar Verma (Supervisor)

- 09.12.2022 – 10.12.2022. Sri Nabarun Kumar Dutta presented a paper titled “An Analytical Study of the Contribution of Tabla Maestro Pandit Shankar Ghosh to the Field of Indian Classical Music” in a national seminar on research methodology and various research dimensions in performing Arts, organized by dept. of Tabla, Faculty of Performing Arts, The M.S. University, Baroda, Vadodara.
- 23.03.2023-24.03.2023. Sri Nabarun Kumar Dutta presented paper titled “An over view of the contribution of Pandit Shankar Ghosh’s Tabla Orchestra and his contribution to this realmn with special emphasis on compositional beauty and aesthetics of his famous orchestra- Music of Drums” International Seminar, organized by Dept. of Instrumental Music, Faculty of Performing Arts, Rabindra Bharati University.

Publications:

Sabyasachi Sarkhel

- Sarkhel, S. (2022) “Prasanga: Pandit Bhaskar Bua Wakhle” Published in *Roots of Music* ICBM, A multilingual peer reviewed journal, pp.02-, ISSN-2708-7689.

Basavi Mukerji

- Mukerji, B. (2022). “Uttar Bharateey Swaralipike Vikas me Pt. Vishnu Diganbar Paluskar ji ka BahumoolyaYogdan”. *Sangit Kala Vihar*. ISSN-0036-4320.
- Mukerji, B. (2022). “Swatantrayottar Bharat ki ek Swatantra Pratibha: Swarayogini Prabha”. *Sangit Kala Vihar*. ISSN-0036-4320.

Amit Kumar Verma

- Verma, A.K., (2022). “A Bibliometric Study of Books Published in Tabla Subject”. *Swar Sindhu Journal*, 10(1), pp. 89-101. ISSN:2320-7175.
- Verma, A.K., (2022). “Analytical Study on Audience’s Attitude towards Music Concerts”. *Swar Sindhu Journal*, 10(2), pp. 1-12. ISSN: 2320-7175.
- Verma, A.K., (2022). “Sangeet me Ank Vilas”. *Stom Journal*, pp. 57-61. ISSN:2231-1040.
- Verma, A.K., (2022). “Sangeet Par Uplabdh Sahitya: Sankalan Evam Avlokan”. In G. Bhacsar& amp; J. Lakum, *Bhartiya Lok Sanskrati Evam Lalit Kalaein*. pp. 17-22. Baroda: Department of Tabla, Faculty of Performing Arts, The M.S. University Baroda in association with CYSCA, Govt. of Gujrat.

Ranjani Ramachandran

- Ramachandran R. (2022). “Rabindranath Thakur ka shiksha darshan: Sangeet Evam paryavarankeantar-sambandhkesandharbhmein”. *Sangeet Kala Vihar*, 75 (4), pp. 44-47.
- Ramachandran R. (2023). *SharadchandraArolkar and his authentic Gwalior Gayaki*. *STOM*, pp.67-71. (UGC CARE enlisted Peer reviewed Yearly Journal).
- Doordarshan Santiniketan (2022, April 12). *Sastriyo Sangit Sammelan-Classical Vocal-Ranjani Ramachandran*. [Video]. Youtube. <https://youtu.be/Vt6sjpvnXUw>
- 5.11.2022. Raaggiri. *Ranjani Ramachandran An Indian Classical Vocalist Exclusive Interview Part 1*. [Video]. Youtube. <https://youtu.be/kqL1aDX-Rs>

- 6.11.2022. Raaggiri. Ranjani Ramachandran An Indian Classical Vocalist Exclusive Interview Part 2.[Video].Youtube. <https://youtu.be/zgeaVB49swY>
- Mihir Thakore (2022, November 12). *Ranjani Ramachandran singing Raga Marwa, Khokhar, Bihagda and Kabir Bhajan curated by Mihir Thakore*. [Video]. Youtube. <https://youtu.be/oVswo28edmU>

Eshita Chakraborty

- Chakraborty E. (2022). *Swarmalika Evam TaranaSankalan*. Kolkata: Anand Prakashan. ISBN: 978-93-93378-14-9.

Pratyusha Roy(Research Scholar)

- Roy, P. (2023). “Begum Akhtar jirKalojoyi bangle ragapradhangaan: Ektibishlesonatmoksomikkha”. *IICRT*. Vol. 11. (www.ijcrt.org).

Arpita Mallick (Research Scholar)

- Mallick, A. (2022). “Baha: A flower festival full of music in Santhal Community”. *Swar Sindhu*, Vol-10. ISSN: 2320-7175 (UGC-CARE Listed)

Designing New Course/Curriculum or any other teaching innovations introduced by the Department.

Basavi Mukerji

- Modified the syllabus of HCM-Vocal (MPA)

Amit Kumar Verma

- 16.01.2023 - 20.01.2023. Workshop for revision of PG (MPA) syllabus under the Department of Hindustani Classical Music, Sangit Bhavana.
- 01.03.2023 – 03.03.2023. Workshop for revision of Ph.D. Coursework syllabus under the Department of Hindustani Classical Music, Sangit Bhavana.

RABINDRA SANGIT GABESHANA KENDRA (RSGK)

Preamble:

The RSGK started its journey on 26.12.2014. Music of Tagore, popularly known as Rabindra Sangit is his most powerful and time-approved creation other than his poems, novels, dramas, and essays on various subjects.

Academic activities:

- A critical edition of the music drama, 'Kalmrigaya', comprising a chronology of its 'Path' (reading) and notations, that started two years back, is completed and is ready for publication.
- The work on the documentation of a chronological sequencing of Rabindra Sangit is under progress

Faculty members of Sangit Bhavana involved in various research programs including the work on 'Kalmrigaya':

- Prof. Indrani Mukhopadhyay, Dr. Amartya Mukhopadhyay, Sri Prasanta Kumar Ghosh

Research Scholars from Sangit Bhavana, involved in the work of 'Kalmrigaya':

- Debosree Das, Avik Sarkar, Pallabi Sarkar

Facilities:

- Library Archive - with nearly 1800 books and the (digital copy) manuscript of 'MayarKhela'.
- Exhibition Gallery - on the development of Rabindra Sangit, evolution of Sangit-Bhavana and one, devoted to Sri.Dinendranath Tagore.
- Audio-visual Unit - with nearly 100 CDs depicting cultural events of Visva-Bharati and also an album on "Balmiki Pratibha".

VINAYA BHAVANA

DEPARTMENT OF EDUCATION

Name of the Students Qualified in UGC / CSIR / NET / SLET and GATE Examinations:

Sl. No.	Name of the Students	Class	Achievement
1	Durba Ghosh	B.Ed.-II	WBSET (Sanskrit) December 2022
2	Kamal Hossain	B.Ed.-II	WBSET (Bengali)
3	Prity Bhakat	B.Ed.-II	WBSET (Sanskrit)
4	Annisha Mondal	B.Ed.-II	WBSET- December 2022
5	Bidisaha	B.Ed.-II	WBSET- December 2022
6	Bidisha Saha	B.Ed.-II	WBSET- December 2022
7	Bidyut Bittal	B.Ed.-II	WBSET- December 2022
8	Krishnendu Bhuimali	B.Ed.-II	WBSET- December 2022
9	Mita Poddar	B.Ed.-II	WBSET- December 2022
10	Sabina Khatun	B.Ed.-II	WBSET- December 2022
11	Sanjukta Sarkar	B.Ed.-II	WBSET- December 2022
12	Santu Ghosh	B.Ed.-II	WBSET- December 2022
13	Shiuli Saha	B.Ed.-II	WBSET- December 2022
14	Sohini Saha	B.Ed.-II	WBSET- December 2022
15	Soumitra Sarkar	B.Ed.-II	WBSET- December 2022
16	Srijani Roy Chowdhuri	B.Ed.-II	WBSET- December 2022
17	Sriram Majhi	B.Ed.-II	WBSET- December 2022
18	Sudipa Ghosh	B.Ed.-II	WBSET- December 2022
19	Sujishnu Saha	B.Ed.-II	WBSET- December 2022
20	Debolina Goswami	B.Ed.-IV	WBSET- December 2022
21	Papri Saha	B.Ed.-IV	UGC NET JRF (Life Science) December 022
22	Debajyoti Mondal	B.Ed.-IV	WBSET- December 2022 WBSET- December 2022

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23	Shrabanti Ghosh	B.Ed.-IV	WBtet- December 2022
24	Sagen Mandi	B.Ed.-IV	UGC NET-JRF (Santali) December 2022
25	Bhaskar Bhakti	B.Ed.-IV	WBtet- December 2022 UGC NET- December 2022
26	Nitu Baishya	B.Ed.-IV	WBtet- December 2022
27	Satarupa Ghosh	B.Ed.-IV	WBtet- December 2022 CTET- December 2022
28	Malay Mondal	B.Ed.-IV	WBtet- December 2022
29	Purnima Dawn	B.Ed.-IV	WBtet- December 2022
30	Pravati Mahaldar	B.Ed.-IV	UGC NET (Sanskrit) December 2022
31	Shilpi Garai	B.Ed.-IV	WBtet- December 2022
32	Tripti Mondal	B.Ed.-IV	WBtet- December 2022
33	Santu Das	B.Ed.-IV	WBtet- December 2022
34	Tias Guha	B.Ed.-IV	WBtet- December 2022
35	Rajlaxmi Chowdhury	B.Ed.-IV	WBtet- December 2022
36	Rita Mondal	B.Ed.-IV	WBtet- December 2022, CTET- December 2022
37	Swapan Biswas	B.Ed.-IV	UGC NET (Sanskrit) December 2022 WBtet- December 2022 CTET- December 2022
38	Moutuli Singha	B.Ed.-IV	WBtet- December 2022
39	PallabTudu	B.Ed.-IV	WBSET- December 2022 UGC NET(Geography) December 2022 WBtet- December 2022
40	Chandrima Das	B.Ed.-IV	WBtet- December 2022
41	Ranjit Baidya	B.Ed.-IV	WBtet- December 2022
42	Shabnam Yasmin	B.Ed.-IV	UGC NET JRF (English) December 2022 CSIR GATE (English) 2022 WBtet- December 2022
43	Sufia Khatun	B.Ed.-IV	WBtet- December 2022
44	Ghanashyam Khatua	B.Ed.-IV	UGC NET- (Education) December 2022 WBtet- December 2022

45	Rina Mandal	B.Ed.-IV	WBTET- December 2022
46	Soumitra Halder	B.Ed.-IV	WBTSET- December 2022 CSIR GATE (Life Science) 2022 WBTET- December 2022
47	Mou Dutta	B.Ed.-IV	WBTET- December 2022
48	Sukanya Sen	B.Ed.-IV	WBTET- December 2022
49	Ramesh Baskey	B.Ed.-IV	UGC NET JRF (Santali) December 2022
50	Arpana Mondal	B.Ed.-IV	CTET- December 2022
51	Chandra Paul	B.Ed.-IV	WBTSET- December 2022
52	Chandra Prabha Sarkar	B.Ed.-IV	CSIR GATE (Mathematics) 2022
53	Rounadeep Bandyopadhyaya	B.Ed.-IV	WBTET- December 2022
54	Kalyan Layek	M.Ed.-II	UGC NET-JRF(Education) December 2022 SET (Physical Science) January 2023 WBTET- December 2022
55	Laxmi Sarkar	M.Ed.-II	UGC-NET (Education) December 2022 WBTET- December 2022
56	Aatreya Sengupta	M.Ed.-II	CSIR-NET (Physical Science) June 2022 CTET- December 2022
57	Mostakima Khatun	M.Ed.-II	WBTET- December 2022
58	Yeasmin Sultana	M.Ed.-II	WBTET- December 2022
59	Payel Majhi	M.Ed.-II	WBTET- December 2022
60	Sukanya Parvin	M.Ed.-II	WBTET- December 2022
61	Sudipta pal	M.Ed.-II	CTET- December 2022 WBTET- December 2022
62	Bulbul Sarkar	M.Ed.-II	WBTET- December 2022
63	Irin Parvin	M.Ed.-II	CTET- December 2022 WBTET- December 2022
64	Bangshadhar Mondal	M.Ed.-II	WBTET- December 2022
65	Astam Ruidas	M.Ed.-II	WBTET- December 2022
66	Priya Ghosh	M.Ed.-II	WBTET- December 2022

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67	Sarada Mondal	M.Ed.-II	WBTET- December2022
68	MonalisaGorai	M.Ed.-II	CTET- December 2022
69	Khaleda Sultana	M.Ed.-IV	WBTET- December 2022
70	Akhansha Shath	M.Ed.-IV	WBTET- December 2022
71	Suhita Basu	M.Ed.-IV	WBTET- December 2022
72	Jhantu Ghosh	M.Ed.-IV	WBTET- December 2022
73	Susmita Ghosh	M.Ed.-IV	WBTET- December 2022
74	Sumi Saha	M.Ed.-IV	WBTET- December 2022
75	ShovanjitSaha	M.Ed.-IV	WBTET- December 2022
76	Aparna Sarkar	M.Ed.-IV	WBTET- December 2022
77	Poulami Mandal	M.Ed.-IV	UGC NET-JRF (Education) December 2022
			WBTET- December 2022
78	Leena Birbangshi	M.Ed.-IV	WBTET- December 2022
79	TituBarik	M.Ed.-IV	WBTET- December 2022
80	Swagatam Singha	M.Ed.-IV	WBTET- December 2022
81	RehenaSultana	M.Ed.-IV	WBTET- December 2022
82	Nikita Roy Chaudhury	M.Ed.-IV	WBTET- December 2022
83	Susmita Mandal	M.Ed.-IV	WBTET- December 2022
84	Dilip Garain	M.Ed.-IV	WBTET- December 2022
85	Judith Kujur	M.Ed.-IV	WBTET- December 2022
86	Mrityunjoy Purkayit	M.Ed.-IV	WBTET- December 2022
87	Anuprava Saha	M.Ed.-IV	UGC NET (Education) December 2022
			WBTET- December 2022
88	Debasish Mandal	M.Ed.-IV	WBTET- December 2022
89	Kazi Reshma Khatun	M.Ed.-IV	WBTET- December 2022
90	Abir Mandal	M.Ed.-IV	WBTET- December 2022
91	Manisha Nandy	M.Ed.-IV	UGC NET (Education) December 2022
			WBSET- December 2022
			WBTET- December 2022
92	Sangram Pan	M.Ed.-IV	WBTET- December 2022
93	Koushik das	M.Ed.-IV	WBSET- December 2022
94	Menuka Munda	M.Ed.-IV	WBSET- December 2022
95	Debolina Goswami	M.Ed.-IV	WBTET- December 2022

96	Sriparna Dey	M.A.-II	WBTET-December 2022
97	Shibu Majhi	M.A.-II	WBTET- December 2022
98	Dharam Das	M.A.-II	UGC NET (Education) December2022 CTET- December 2022 WBTET-December 2022
99	Saima Khatun	M.A.-II	UGC NET(Education) December 2022
100	Nabanita Baiti	M.A.-IV	WBTET- December 2022
101	Aparna Mondal	M.A.-IV	CTET- December 2022
102	Kiran Banerjee	M.A.-IV	UGC NET (Education) December 2022 WBTET- December 2022
103	Madhuparna Bhattacharya	M.A.-IV	WBSET- December 2022
104	Juned Alam	M.A.-IV	WBSET- December 2022 WBTET- December 2022
105	Kartik Dolai	M.A.-IV	UGC NET (Education) December 2022 WBSET-December 2022
106	Sanchita Mandal	M.A.-IV	WBTET- December 2022
107	Biplab Dey	M.A.-IV	UGC NET(Education) JUNE 2022 WBSET- December 2022
108	Rahul Ghosh	M.A.-IV	UGC NET-JRF (Education) December 2022 WBSET- December 2022
109	Soumen Ghosh	M.A.-IV	UGC NET JRF (Education) December 2022

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National and International standard Conference / Seminar / Workshop / Exhibition etc.

Benudhar Chinara

- 09.12.2022. Delivered a Lecture as a Keynote Speaker in the National Level Research Methodology Workshop organized by the Department of Teacher Education, Baba Saheb Ambedkar Education University, Kolkata.
- 17.12.2022. Presented a paper as a resource person entitled 'Ethical Values and Code of Conduct: Criteria for Professional Standard of the School Teacher' in a National Seminar on Changing Landscape of Education in the Context of NEP-2020: National Professional Standard of Teacher and Teacher Educator jointly by Kendriya Hindi Sansthan, Regional Centre, Bhubaneswar and Baba Saheb Ambedkar Education University, Kolkata.

Rajarshi Roy

- 27.09.2022-30.09.2022. Delivered online lecture as a resource person & member, programme committee of International conference on Interactive collaborative learning, (ICL 2022) on the theme, 'Learning in the era of digital and green transition', held at Hilton Park, Vienna, Austria.

Prohlad Roy

- 02.04.2022. Delivered a Lecture as Keynote Speaker in the 21st Online International Seminar on 'Social Background of Matua Religion and Religious Endurance' organized by Centre for Matua Studies, Harichand Guruchand University, North 24 Parganas, W.B.
- 09.04.2022. Delivered a Lecture as a Keynote Speaker in the 22nd Online International Seminar on 'Concepts on Physical and Mental Hygiene and Concerns of Matuas' organized by Centre for Matua Studies, Harichand Guruchand University, North 24 Parganas, W.B.
- 16.04.2022. Delivered a Lecture as a Keynote Speaker in the 23rd Online International Seminar on 'The Stance of Shree Shree Harichand Guruchand Thakur in the Period of the 19th Century Bengal Renaissance' organized by Centre for Matua Studies, Harichand Guruchand University, North 24 Parganas, W.B.
- 23.04.2022. Delivered a Lecture as Keynote Speaker in the 24th Online International Seminar on 'Matua movement and the Progress of Women' organized

by Centre for Matua Studies, Harichand Guruchand University, North 24 Parganas, W.B.

- 30.04.2022. Delivered a Lecture as Keynote Speaker in the 25th Online International Seminar on ‘Guruchand Thakur as a Great Patriot’ organized by Centre for Matua Studies, Harichand Guruchand University, North 24 Parganas, W.B.
- 14.05.2022. Delivered a Lecture as Keynote Speaker in the 26th Online International Seminar on ‘Self-Confident Guruchand Thakur’ organized by Centre for Matua Studies, Harichand Guruchand University, North 24 Parganas, W.B.
- 21.05.2022. Delivered a Lecture as Keynote Speaker in the 27th Online International Seminar on ‘Matua Poetry in Bengal and Beyond’ organized by Centre for Matua Studies, Harichand Guruchand University, North 24 Parganas, W.B.
- 22.05.2022. Delivered a Speech as a Resource Person and Invited Speaker on ‘Rajarshi Rammohan Roy’ in the 250th Birth Anniversary Programme of Raja Rammohan Roy, organized by Bangladesh Brahmo Samaj, Estd-1869, Dhaka, Bangladesh.
- 23.05.2022. Delivered a Speech as a Resource Person and Invited Speaker on ‘Educational Philosophy of Raja Rammohan Roy’ in the 250th Birth Anniversary Programme of Raja Rammohan Roy, organized by Bangladesh Brahmo Samaj, Estd-1869, Dhaka, Bangladesh.
- 24.05.2022. Delivered a Speech as a Resource Person and Invited Speaker ‘Raja Rammohan Roy: A First Modern Educator in Asia’ in the 250th Birth Anniversary Programme of Raja Rammohan Roy, organized by Dept. of Archaeology, Jahangirnagar University, Dhaka, Bangladesh.
- 25.05.2022. Delivered a Speech as a Resource Person and Invited Speaker on ‘Modern Science Education and Raja Rammohan Roy’ in the 250th Birth Anniversary Programme of Raja Rammohan Roy, organized by Bangladesh Bijnan Chetona Mancha, Dhaka, Bangladesh.
- 26.05.2022. Delivered a Speech as a Resource Person and was Invited Speaker in ‘Professional Ethics and Accountability of Teachers in Modern Society’ organized by Khamkheyali Educational and Cultural Institution, Dhanmondi, Dhaka, Bangladesh.

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- 28.05.2022. Delivered a Lecture as a Keynote Speaker in the 28th Online International Seminar on ‘The Contribution of Gopal Chand Sadhu Thakur in the Development of Matua Theology’ organized by Centre for Matua Studies, Harichand Guruchand University, North 24 Parganas, W.B.
- 04.06.2022. Delivered a Lecture as a Keynote Speaker in the 29th Online International Seminar on ‘Role of Aswini Gonsai in the Propagation of Matua Theology’ organized by the Centre for Matua Studies, Harichand Guruchand University, North 24 Parganas, W.B.
- 11.05.2022. Delivered a Lecture as a Keynote Speaker in the 30th Online International Seminar on ‘Contribution of Shri Shri Harichand Thakur and Guruchand Thakur to the Development of Education and Humanitarian Society’ organized by the Centre for Matua Studies, Harichand Guruchand University, North 24 Parganas, W.B.
- 18.06.2022. Delivered a Lecture as Keynote Speaker in the 31st Online International Seminar on ‘Shri Shri Harichand Thakur and Guruchand Thakur’s Contribution to Economic Development in Back-Retained Society’ organized by Centre for Matua Studies, Harichand Guruchand University, North 24 Parganas, W.B.
- 25.06.2022. Delivered a Lecture as a Keynote Speaker in the 32nd Online International Seminar on ‘Mundane and Spiritual Philosophy of Hari Guruchand’ organized by Centre for Matua Studies, Harichand Guruchand University, North 24 Parganas, W.B.
- 02.07.2022. Delivered a Lecture as a Keynote Speaker in the 33rd Online International Seminar on ‘Activities of Shri Shri Harichand Thakur and Guruchand to Build an Integral Humanistic Society’ by Centre for Matua Studies, Harichand Guruchand University, North 24 Parganas, W.B.
- 14.08.2022. Delivered a lecture as a Resource Person Ina National Webinar On “Freedom, Education and Rabindranath Tagore” Organized By Dept. of Education Sitaram Mahato Memorial College, Anandadeep, Kuruktopa, Purulia, W.B.
- 10.09.2022. Delivered a lecture in the International Seminar entitled ‘Antarbikshane Adhunik Bangla Sahitya’ organized by the Department of Bengali, Dum Dum Matijhil College & Swapnorag Sahitya-Sanskriti Organization, Kolkata, W.B.

- 18.02.2023. Delivered a lecture on ‘Bahirvisve Rabindranath Tagore’ The International Seminar entitled “Rabindranath Tagore and Sheikh Mujibur Rahaman’ was organized by Swapnorag Sahitya-Sanskriti Organization, Kolkata, W.B.

Professional Development Programmes completed:

- 21.11.2022-30.11.2022. Completed ‘10 days workshop on Prakrit Language’ organized by Dept. of Sanskrit, Pali & Prakrit, Bhasha Bhavana, Visva-Bharati.
- 12.12.2022-21.12.2022. Completed ‘10 days workshop on Speaking in the Sanskrit Language’ organized by Dept. of Sanskrit, Pali & Prakrit, Bhasha Bhavana, Visva-Bharati.

Sarita Anand

- 03.03.2023-04.03.2023. Paper presented on ‘Employee’s Happiness and well-Being at workplace: A study of Visva-Bharati, Santiniketan’ in Ist International Conference on Positive Psychology organized by National Positive Psychology Association (NPPA), New Delhi.
- 11.02.2023-12.02.2023. Paper presented on ‘Enhancing Student’s Well-being Through Positive Education’ in International Conference on Holistic Education and World Peace organized by Gobal Educational Research Association (GERA) in collaboration with School of Education, K.R. Mangalam University, Gurugram Hariyana.
- 20.08.2022-21.08.2022. Delivered Invited lecture in Ph.D. Course Work (Online Mode) organized by HRDC, Sant Gadge Baba, Amrawati University, Amrawati
- 08.06.2022. Delivered Invited lecture on ‘ICT in Education’ in a Workshop on ICT and Education, organized by Department of Education under the aegis of IQAC, Vasanta College for Women, Rajghat, Varanasi.
- 06.05.2022-7.05.2022. Paper presented on ‘Transforming Teacher Education through Hybrid Learning: Prospects and Challenges’ in two day International Conference on Hybrid Learning Preparing Tomorrow’s Solutions organized by Chinmaya Vishwa Vidyapeeth, Kochi Kerala.

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Professional Development Programmes completed:

- 25.02.2023-26.02.2023. Completed Two days National Workshop on 'ICT, Communication and Soft Skills' Organized by Department of English, Sanjay Gandhi (P.G.) College, Sarurpur Khurd Meerut Sponsored by Uttar Pradesh State Council of Higher Education.
- 22.12.2022-05.01.2023. Completed Online Inter-Disciplinary Two Week Refresher Course on 'Advance Research Methodology' organized by Ramanujan College, University of Delhi, Sponsored by Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMMNTT), Ministry of Human Resource and Development, Govt. of India.
- 21.01.2023-27.01.2023. Completed One Week Online Workshop on 'Advance Statistical Data Analysis using SPSS' organized by Uttar Pradesh University of Medical Sciences, Saifai Etawah, UP, India & Science Tech Institute, Lucknow.

Sharmila Yadav

- 11.02.2023-12.02.2023. Presented a paper entitled 'Thinking Classroom: An Essential Mission of Education in 21st Century' in the International Conference on "*Holistic Education and World Peace*" organized by Global Educational Research Association (GERA) in collaboration with School of Education, K.R. Mangalam University, Gurugram, Haryana (India).
- 24.03.2023-25.03.2023. Presented a paper entitled "Fostering Critical Thinking Skills: An Important Role of Teacher" in the International Conference on "*Pedagogical Innovations-NEP2020*" organized by Department of Education, BPS Mahila Vishwavidyalya, Khanpur Kalan, Sonitpur (Haryana).
- 03.03.2023. Delivered an Invited Lecture entitled 'Soft Skill Development in Workplace: Why & How' in the Capacity Building Training Programme on 'Soft Skill Development' organized by Childline Birbhum in collaboration with Elmhirst Institute of Community Studies *Santiniketan*, West Bengal.
- 28.03.2023. Delivered an Invited Lecture (online) entitled 'Inclusive Education and NEP, 2020' organized by District Institute of Education & Training, Bareilly.

Professional Development Programmes completed:

- 30.11.2022-14.12.2022. Completed an Online Two Week Refresher Course in "Education" organized by Teaching Learning Centre under Pandit Madan Mohan

Malaviya National Mission on Teachers & Teaching Scheme, Ministry of Education, GOI of *Ramanujan College, University of Delhi*.

- 18.06.2022-24.06.2022. Completed One Week Online Faculty Development Programme on “National Educational Policy” organized by Teaching Learning Centre under Pandit Madan Mohan Malaviya National Mission on Teachers & Teaching Scheme, Ministry of Education, GOI of *Ramanujan College, University of Delhi*.
- 13.08.2022-19.08.2022. Completed One Week Online Faculty Development Programme on “Education 4.0” organized by Teaching Learning Centre under Pandit Madan Mohan Malaviya National Mission on Teachers & Teaching Scheme, Ministry of Education, GOI of *Ramanujan College, University of Delhi*.

Designing New Course/Curriculum or any other teaching Innovations introduced by the Department:

Department carried out e-internship, e-assessment through Google Form, and virtual work education experience.

Other relevant information, which in the opinion of the Head of the Department is worth-reporting, should be included

Initiative will be taken to introduce four-year integrated teacher education programme.

Publications:

Prohlad Roy

- Roy, P. & Mondal, S. (2022). *Contribution of Rishi Aurobindo to the Development of Spiritual Education*. Germany: Lap Lambert Academic Publishing. ISBN-978-620-5-492796.
- Roy, P. Biswas, M. (2022). *Contribution of Acharya Prafulla Chandra Ray to Science Education*, Germany: Lap Lambert Academic Publishing. ISBN-978-620-5-489796.
- Roy, P. & Ghosh, S. (2022) *Buddhist Education System in Ancient Bengal: Socio-Cultural Perspectives*, Germany: Lap Lambert Academic Publishing. ISBN-978-620-5-489000.

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- Roy, P. & Das, M. (2022). *Contribution of Satyendra Nath Bose to Develop the Science Education through Mother Tongue*. Germany: Lap Lambert Academic Publishing. ISBN-978-620-4-985893.
- Roy, P. & Chowdhury, D. (2022). *Mathematics Curriculum of Higher Secondary Level in School Education with Special Reference to Differential and Integral Calculus*. Germany: Lap Lambert Academic Publishing, ISBN-978-620-4-986654.
- Roy, P. & Das C. (2022). *Contribution of Tarakchandra Sarkar in Education in Matua Society*. Germany: Lap Lambert Academic Publishing. ISBN-978-620-5-488553.
- Roy, P. & Jana, A. (2022). *Education for National Integration Through the Patriotic Thoughts and Activities of Netaji Subhas Chandra Bose*. Germany: Lap Lambert Academic Publishing. ISBN-978-620-5-488829.
- Roy, P. & Kisku, S. (2022). *Contribution of Sadhu Ramchand Murmu: to Education and Culture for the Reawakening of the Nation*. Germany: Lap Lambert Academic Publishing, ISBN 978-620-5-490969.
- Roy, P. & Nasrin, S. (2022). *Religious Education and Philosophical Thoughts of Maharshi Debendranath Tagore with a special reference to Brahmoism and Hinduism*. Germany: Lap Lambert Academic Publishing. ISBN-978-620-5-528174.

Book Chapter:

- Roy, P. (2023). Raja Rammohun Roy O Maharsi Debendranath Thakurer Siksha Bhavna. *Basanta*. pp-12-16, Kolkata: Swapnorag Sahitya-Sanskriti. ISBN:978-1-312-79142-8.

Sharmila Yadav

- Yadav, S. & Singh, G. (2022). Barriers to Inclusive Education of Children with Disabilities in Schools in Chaudhary, V. & Tiwari, R.U. (Eds.) *Inclusive Education Policies, Practices and Challenges*. Dehradun: Samay Saaksay Publishers & Printer, pp-38-45. ISBN:978-9393355-04-1.

Research Articles/Papers

Rajarshi Roy

- Roy, R & Mondal, R. (2022). Effect of Blended Instructional Strategy (BIS) on Hindi Language achievement of native speakers in relation to their learning styles. *Journal of Education and Pedagogy*. XIV(1). pp 1-18. ISSN: 0975-0797.
- Roy, R & Mondal, R. (2023). Effect of Blended Instructional Strategy (BIS) on fact schema among non-native speakers of Hindi at the Elementary level in Relation to their Learning Styles. *Universe Journal of Education & Humanities*. 10(1). pp 1-14. ISSN: 2348-3067.

Shyamsundar Bairagya

- Ghosh, S. & Bairagya, S. (2022). Students and Teachers' Perceptions on Online Teaching and Learning at Secondary Level in Bolpur Subdivision during Covid-19 Pandemic. *Himalayan Journal of Education and Literature*, 3 (2), 185-190.
- Bagchi, M., Bagchi, S., & Bairagya, S. (2022). Online Learning as a Panacea in Pandemic: Perception of Student-Teachers. *The Online Journal of Distance Education and e-Learning*, 10 (1), 99-111.
- Dey, B., & Bairagya, S. (2023). The green economy is a road map for a sustainable lifestyle. *International Journal of Multidisciplinary Educational Research*, 12 (2), 34-39.
- Bairagya, S., Maity, N., & Maity, A. (2022). Issues and challenges in women's access to higher education in Purba and Paschim Midnipur districts in West Bengal. *Vidyawarta*, 9 (4), 07-10.
- Ghosal, S., & Bairagya, S. (2022). Mathematization in Relation to Pedagogy of Mathematics at Secondary Level. *Neuro Quantology*, 20 (9), 3433-3443.

Prohlad Roy

- Roy, P. (2022). Sikshar Anyanyo Sakhar Sange Dharmiyo Sikshar Samparko, Khoai, 48 (48), 207-224, ISSN-2319-8389.

Sarita Anand

- Anand, S. and Chakraborty, M. (2022). Community Engagement as a Social Responsibility of Higher Education Institutions: An Exploratory Study. *Educreator*

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Research Journal- A peer reviewed/referred Journal, 9 (3), 245-251. ISSN: P-2455-9515 E- 2394-8450.

- Maiti, B. and Anand, S. (2022). Difference of Internet uses among the youth studying in various subject streams in West Bengal in *Asian Journal of Research in Social Sciences and Humanities*, 12 (5), 78-86. ISSN: 2249-7315. DOI: <https://doi.org/10.5958/2249-7315.2022.00268.4>

Sharmila Yadav

- Yadav, S. & Nath, R. (2022). Cultural Events in Visva-Bharati and the Embedded Values. *MERI Journal of Education*, XVII (2), 74-79.

DEPARTMENT OF PHYSICAL EDUCATION AND SPORT SCIENCE

Name of the Students qualified in UGC/CSIR/NET/SLET and GATE Examinations.

Sl. No.	Date of Qualify	Student Name	Exam.	Registration Number/ Roll Number
1	27.02.2023	Saptarshi Sutradhar	WB SET	24002074
2	24.04.2022	Abdul Sarjen Shaikh	WB SET	24063127
3	27.02.2023	Shubankar Singha	WB SET	24099068
4	27.02.2023	Gopilal Kisku	WB SET	18037329
5	04.01.2022	Mst Sima Khatun	WBSET	17032988
6	04.01.2022	Ommar Ali	WBSET	15028962
7	04.01.2022	Sheuli Ghosh	WBSET	15028963
8	04.01.2022	Sabina Yasmin	WBSET	25065796
9	04.01.2022	Sebabrata Majhi	WBSET	17032990
10	11.05.2022	Sheuli Ghosh	UGC NET	WB02000184

National and International standard Conference/Seminar/Workshop/Exhibition etc.:

Gopal Chandra Saha

- 23.09.2022. Delivered a lecture on“Yoga, Meditation and Lifestyle” in a two weeks online Refresher Course organized by the UGC-HRDC, BPSMV Khanpur Kalan, Sonapat in association with Midnapore College (Autonomous), Midnapore, West Bengal, India.
- 28.09.2022. Delivered a lecture on“Yoga, Meditation and Lifestyle” in a two weeks online Refresher Course organized by the UGC-HRDC, BPSMV Khanpur Kalan, Sonapat in association with Midnapore College (Autonomous), Midnapore, West Bengal, India.

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Mahesh Sawata Khetmalis

- 04-17th January 2023. Delivered a lecture on "Nurturing Psychomotor Wellbeing" HRDC, LNIPE, Gwalior, Madhya Pradesh, India.

Sentu Mitra

- 24.02.2023. Delivered a special lecture on “Fundamental Skills & Rules of Basketball” for B.P.Ed and M.P.Ed Students of Mugberia Gangadhar Mahavidyalaya, Midnapore, WB, India.

Abhijit Thander

- 24.02.2023. Delivered a special lecture on “Fundamental Skills & Rules of cricket” for B.P.Ed and M.P.Ed Students of Mugberia Gangadhar Mahavidyalaya, Midnapore. WB, India

Rekha Ningthoujam

- 05.03.2023. Presented a paper titled “Polycystic Ovarian Syndrome (PCOS) and Yogic Intervention as an Alternative Treatment Protocol: A Review” in the International Conference on “ Opportunities and challenges in Biological Science and Sports Science” organized by Internal Quality Assurance Cell (IQAC), Gushkara Mahavidyalaya on 5th-6th March 2023.

Academic distinctions gained by teachers/Scholars or the Department as a whole (Like recognition as DSA or CAS etc.

- Sudarsan Biswas: Received Doctor of Letters, **D’ Litt** in Physical Education and Sports Sciences from St. Mother Theresa University, Australia Affiliated to Cambridge School of Distance Learning, UK on 20th November, 2022.
- Dr. Mahesh Sawata Khetmalis: Received Distance Diploma in Exercise and Sports Psychology from Institute of Sports Science and Technology from Pune, India on 11th January, 2022.

Publications

Text Book :

Lipsy John L.

- Kumar, A. John L L, and Neethu P S (2022). *Boat race Vallamkali (An indigenous sports of Kerala)*. Lulu publication. International. ISBN 978-1-387-66088-9.

Chapter in Book

Gopal Chandra Saha

- Halder, S., Saha, G.C., and Shaw, C. (2023). Recent Progress in Science and Technology. In Irene, M.V. Editor (Eds.), *Impact of Technology on the Sports Field*. (pp. 13-24). B.P International. DOI: 10.9734/bpi/rpst/v3

Awashes Subba:

- Subba, A. (2022). Popularizing Western Sports in Darjeeling Hills: The Context of Educational Institutions. In Ray, D. Editor and Chowdhury, S. Editor (Eds.), *Darjeeling in Search of People's History*. (pp. 89-98). Manohar publisher and distributors. ISBN- 978-93-94262-01-0

Research Papers in Peer Reviewed/Referred/UGC-CARE/ICAR-NAAS listed journals:

Gopal Chandra Saha

- Halder, S. and Saha, G.C. (2022). Critical Analysis of Performance Factors between Indian and Foreign Soccer Players. *European Journal of Physical Education and Sport*, 10(1): 17-25. DOI: 10.13187/ejpe.2022.1.17 <https://ejpes.cherkasgu.press>

Sudarsan Biswas

- Chatterjee, K., Ghosh, K., & Biswas, S. (2023). Anthropometric Variables and Visual Reaction: A Relationship Study on Volleyball Players. *The Physical Educator*, 80(2), 185-190.

Kallol Chatterjee

- Chatterjee, K., & Das, M. (2022) .Influence of 50 meter drill of different intensity training on anaerobic capacity of male kho-kho players. *International Journal of Advanced Research*, 10(04), 597-605.OI:10.21474/IJAR01/14589.
- Chatterjee, K., Jana, M & Nayek, B. (2022). Aerobic exercise in type-2 diabetics mellitus: an experiment on middle age patients. *International Journal of Current Science*, 12(2),632-641.www.ijcspub.org.
- Ghosh, S., Chatterjee, K., & Ghosh, K. (2022). Comparative Study on Mental Imagery among Three Different Track & Field Events Athletes. *J Adv Sport Phys Edu*, 5(6), 119-122.DOI: 10.36348/jaspe.2022.v05i06.002.
- Ghosh, D., & Chatterjee, K. (2022). A review study on progression of India in Paralympic games.*International Journal of Applied Research*, 8(6), 272-275.DOI: <https://doi.org/10.22271/allresearch.2022.v8.i6d.9877>.
- Chatterjee, K., Ghosh, K., & Biswas, S. (2023). Anthropometric Variables and Visual Reaction: A Relationship Study on Volleyball Players. *The Physical Educator*, 80(2),185-190.
- Chatterjee, K., Ghosh, K., & Biswas, S. (2023). Three Sessions of Indian Super League: A Systematic Review on Performance. *J Adv Sport Phys Edu*, 6(1), 1-7.DOI: 10.36348/jaspe.2023.v06i01.001.
- Chatterjee, K. (2023). A systematic review on high intensity interval training vs moderate intensity interval training: Which one is to be most effective on aerobic and anaerobic capacity? *International Journal of Sports, Health and Physical Education* 5(1), 84-90. DOI: <https://doi.org/10.33545/26647559.2023.v5.i1b.57>

Sentu Mitra

- Khan, M., and Mitra, S. (2022). Impact of novel pace bowling protocol on executive function. *International Journal of Physiology, Nutrition and Physical Education*,7(2), 339-342. <https://doi.org/10.22271/journalofsport.2022.v7.i2f.2640>
- Mahara, A., and Mitra, S. (2022). Effect of asanas on flexibility of sedentary women. *International Journal of Physical Education, Sports and Health*. 9(4): 72-74. : <https://doi.org/10.22271/kheljournal.2022.v9.i4b.2567>
- Mitra, S. (2022). Role of physical exercise in attention deficit hyperactivity disorder. *International Journal of Physiology, Nutrition and Physical Education*; 7(2): 70-72. <https://doi.org/10.22271/journalofsport.2022.v7.i2b.2555>

- Khan, M., and Mitra, S. (March 2023). Effect of bowling spells in cricket on information processing of cognitive function. *International Journal of Scientific Research*, 12(3), 1-2

Awashes Subba

- Subba, A., and Choudhury, A. (2022). A case study on sports injuries of kabaddi players of Tripura, India. *International Journal of Yoga, Physiotherapy and Physical Education*, 7 (4): 88-90.
- Subba, A., and Rai, S. (2022). Exploring the level of awareness about sports-nutrition knowledge among football players belonging to different ethnic groups of North Bengal, India. *RESEARCH REVIEW International Journal of Multidisciplinary*, 7 (3): 41-46. doi- 10.31305/rrijm.2022.v07.i03.008

Ashoke Mukherjee

- Mukherjee, A., and Khatun, M. (2022). A study on attitude towards physical activity in muslim community. *Asian Exercise and Sport Science Journal*, 6 (1): 2588-4832.
- Biswas, B., and Mukherjee,. (2022). Effect of neuromuscular training on basketball playing ability. *International Journal for Research Trends and Innovation*, 7 (10): 25-33.
- Ghosh, S., and Mukherjee,. (2022). Effect of pilates training on core muscles and bmi of obese children. a pilot study. *Journal of Advances in Sports and Physical Education*, 25-33. 10.36348/jaspe.2022.v05i05.004
- Shaw, C., and Mukherjee,. (2022). Quality of life of taekwondo players: an assessment using whoqol-bref. *Journal of Advances in Sports and Physical Education*, 2011-2018. 10.36348/jaspe.2022.v05i10.001

Lipsy John L

- Kumar, A. and John L. L. (2022) Effect of Physical activity program on health related physical fitness among adolescent girls. Review of research: 2249-894X.

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Other relevant information:

- New faculty joined in the Department as Assistant Professor on 30.09.2022 in UR post.

Name- Dr. Viswanath Sundar

Ph.D. degree award during this period:

Sl. No.	Ph.D. Scholar Name	Supervisor	Date of Award
1	Asit Mahara	Dr. Sentu Mitra	31.01.2023
2	Sumit Kumar Murmu	Dr. Kallol Chatterjee	20.04.2022
3	Mimu Seikh	Dr. Abhijit Thander	11.04.2022
4	Chandan Manna	Dr. Abhijit Thander	15.07.2022
5	Firdaus Tabassum	Dr. Abhijit Thander	16.08.2022

A Brief history on the development of the Bhavana/Sadana/Vibhaga/concerned with an indication of the future plans for development:

The Department was established in the year 1997 as a constituent Department of Vinaya Bhavana (Institute of Education) to produce good quality teachers in the field of Physical Education & Sports and also to nurture university students with maximum exposure to sports. The B.P.E. (Three Years Undergraduate Honours Program in Physical Education), MPE (Two Year Master of Physical Education) and Ph. D. in Physical Education were introduced in the Department in 1998, 2001 and 2000 respectively. The B.P.E. (Honours) program was subsequently reviewed and reintroduced with the nomenclature of BA/B.Sc.(H) in Physical Education w.e.f. 2004 to comply with the requirement of West Bengal Central School Service Commission for the appointment of Assistant Teacher in Physical Education in WB schools. Thereafter B.P.Ed. (Two Year Teacher Training Program in Physical Education) with due recognition of the N.C.T.E. was introduced in 2007. The then existing M.P.E. the program was also reviewed and reintroduced in the Department with the nomenclature of M.P.Ed. with due recognition of the NCTE. The NCTE also extended retrospective recognition to the previous M.P.E. program offered by the Department. Presently the Department offers B.Sc.(Hon) in Physical Education, BPED (Two Year Teacher Training Programme), M.P.Ed. (Two Year Post Graduate Teacher Training Programme)

and PhD programme in Physical Education and Sport Science. In 2017, the nomenclature of the Department 'Department of Physical Education' was renamed as 'Department of Physical Education and Sport Science'. The future mission of the Department is to produce graduates in different sports science subjects with a vision to improve the knowledge bank of the sports science subjects by our own research and investigation for the improvement of sports performance of Indian sports persons and also to promote the health and wellbeing of Indian citizens. The Department has already developed a good quality human performance laboratory and wish to upgrade the laboratories further by procuring sophisticated research equipment. The focus of the research will be to improve health and fitness, improve human performance in sports and to find out daily life activities and find out means and ways to accelerate the rehabilitation process. The sports infrastructure of the Department shall be upgraded to a modern competitive sports complex and to materialize that, the Department will work in collaboration with University Sports Board with an idea of maximum utilization of resources by the stakeholders. The Department intends to sign a memorandum of understanding with other sports universities inside and outside of the country to promote collaborative research, exchange of culture and ensure better exposure to sports training and performance for the students of our university. The Department aspires to be recognized by the Govt. of India as a Centre of Excellence in Physical Education and Sports.

DEPARTMENT OF YOGIC ART & SCIENCE

Name of the students qualified in UGC/CSIR/NET/SLET and GATE Examinations.

Sl. No.	Date of Qualify	Student Name	Exam	Registration Number/ Roll Number
1	13.04.2023	Antarip Kundu	NET	WB16100008

Departmental Seminar (Speakers, Title of the Seminar, Date)

- Workshop on “Meditation for Beginners” for the students of University.
- One day workshop on “Surya Namaskar: Practice and its benefits”.
- 5 Days workshop on “Yoga and Wellness” [In collaboration with Inter University Centre for Yogic Sciences (IUC-YS)].
- Talk on “Meditation and Maharishi Debendranath Tagore” Yogic demonstration by the students of Visva-Bharati.
- “Yogic practices for Older Adults and their psycho-physiological benefits”.
- Yoga Awareness programme in Schools around Visva-Bharati.
- Yoga Awareness programmes in Adopted Villages of Visva-Bharati.

National and International standard Conference /Seminar /Workshop / Exhibition etc.:

Parichiti Saha

- 28.09.2022. Delivered a lecture as a Resource Person on **Refresher Course on “Yoga, Meditation and Lifestyle”** on the topic “**Pranayama**” organized by UGC-HRDC, BPMSV Khanpur Kalan, Sonapat in association with Midnapore (Autonomous), Midnapore, West Bengal.

Extension activities/NSS/Cultural and other activities organized by the Department and participated by the Teachers and students of the Department.

- 15.05.2022. Celebrated 205th birthday of Maharishi Debendranath Tagore and 6th Foundation Day of Department of Yogic Art & Science.

- 20.06.2022. Organized Yogasana Competition for NSS & NCC Cadets of Visva-Bharati.
- 21.06.2022. Celebration of 8th International Yoga Day, 21st June 2022 through Mass practice of Common Yoga Protocol as per the Guidelines of Ministry of AYUSH, Govt. of India.

Publication

Rupesh Kumar:

- Kumar, R., & Kumari, S. Review on Laghu Shankha Prakshalana /Shankha Prakshalana: A Safe and Effective Yogic Technique for Hypertension, Obesity, Constipation, Back Pain, and Irritable Bowel Syndrome by Targeting Bowel. *International Journal of Science and Research*. 12(1).
- Kumari, S., Dahiya, N., Rain, M., Kumar, R., Singh, G. The Role of Yoga Practice in management of coronary artery disease. *Integrative Medicine Case report*. 3(2), 69-75.

Designing New Course/Curriculum or any other teaching innovations introduced by the Department.

- Utilization of Online platforms such as Google classroom and Moodle for teaching purposes.
- PPT presentations by students as well as teachers.
- Making the students preparing models for educational purposes.
- Providing assignments to the students.
- Engagement of students in quizzes and debates within the classroom.
- UGC-NET classes for M.Sc. Yoga Students are organized.

A Brief history on the development of the Bhavana/Sadana/Vibhaga concerned with an indication of the future plans for development:

Maharshi Debendranath Tagore established Santiniketan Ashram as a meditation retreat for all religions. His illuminated son Gurudev Rabindranath Tagore started a Brahmacharya Vidyalaya, a traditional ancient Indian Tapoban style school, where Yogavyayama was compulsory in daily routine. Slowly, it had grown up as a college and ultimately recognized as an International University, Visva-Bharati. From the inception, Yoga, Vayayama (Exercise) and Krida (Play) was mandatory in Tagore

Chapter-2

Educational ideology. In 1951, Visva-Bharati became a Central University, with national importance. In late nineties, Government of India advised Visva-Bharati should start a Department of Yoga and Human Consciousness. Somehow, it was not materialized on that time. Again, 19th May, 2016 MHRD and UGC recommended that Visva-Bharati to establish a Department of Yogic Art & Science, which was accepted in the Visva-Bharati Academic Council on 30.05.2016. Finally the Department of Yogic Art & Science has been insatiate on 15th May, 2017 on the auspicious occasion of '200 years birth anniversary of Maharshi Devendranath Tagore, the founder of Santiniketan Ashram.

Presently the Department of Yogic Art & Science offered B.Sc. (Hons.) in Yoga, M.Sc. In Yoga and Post-Graduate Diploma in Yoga.

Future Plans for Development

- The Department will offer Ph.D. programme in Yoga, P.G. Diploma in Yoga Therapy (only for doctors) and Certificate course in Yoga.
- The Department will start an International Research Centre on Yoga and related areas.
- Yoga Gram (Yoga Village) project is in progress.
- Yoga & Meditation Centre for all.
- Indian Ancient & Traditional Yoga Library.
- International standard Scientific Yoga Laboratories
- AYUSH Medical Centre at Dinabandhu Andrews Memorial Hospital.
- Yogic Art Museum
- Geriatric Yoga Centre.
- Divyangjan Yoga rehabilitation Centre.
- Yoga and Child care Centre.
- Yoga and Women care Centre.
- Yoga and Drug De-addiction Centre.

Other relevant information:

The Department of Yogic Art & Science is an open air school with traditional ancient Indian culture. "Yoga Gram (Yoga Village)" is in full swing. The cottages of Asana, Pranayama, Kriya, Mudra and Meditation will come up step by step. Ayurveda,

Yoga and Naturopathy treatment has already been offered under internship programme of UG and PG courses in Dinabandhu Andrews Memorial Hospital, Visva-Bharati. Ayurvedic garden will flourish near the Department to preserve the extinct and endangered Indian medicinal plants and herbs with a landscaping garden for the practical classes and for the interested visitors.

Rupesh Kumar

- Selected the Secretary, Birbhum, recognized by Ministry of Youth Affairs & Sports, Govt. of India National Yogasana Sports Federation, Govt of India.
- Member of State Body, All Bengal Yogasana Sports Association, affiliated to National Yogasana Sports Federation, recognized by Ministry of Youth Affairs & Sports, Govt. of India.

PALLI SAMGATHANA VIBHAGA

(Institute of Rural Reconstruction)

Rabindranath Tagore, the Nobel Laureate Poet and great philosopher, is also known as the pioneer of Rural Reconstruction programmes in India. He started the 'Sriniketan Experiment' on Rural Reconstruction long back in 1922 for the villages around Sriniketan. The Sriniketan experiment model was based on the philosophy and spirit of self-reliance and mutual co-operation and reconstruction of ideal village life and tradition of their own culture. The object of Sriniketan is "to bring back life in its completeness into the villages, making them self-reliant and respectful to oneself, be acquainted with the cultural tradition of one's own country and be competent to make an efficient use of the modern resources for the improvement of physical, intellectual and economic condition". Tagore wanted to be connected intimately and be a transforming agent to his surroundings. Thus he had tried to have a holistic improvement covering all aspects of prosperity of rural life like improvement of agriculture, education, health, livelihood, handicrafts etc. The basic objective was to improve the quality of life and to respect our own heritage. This rich historical objective and traditional base of earlier extension work at Sriniketan has facilitated the Institute to formulate need-based approaches to rural reconstruction and extension programmes which suit the emerging socio-economic pattern of the neighbouring villages of Sriniketan.

Now, the Institute of Rural Reconstruction i.e. Palli Samgathana Vibhaga (PSV) is actively engaged in improving the condition of surrounding villages and also has four academic departments which impart education in a very structured manner with research facilities. The four departments include Department of Social Work, Department of Silpa-Sadana, Department of Rural Studies (Palli Charcha Kendra) and Department of Life Long Learning and Extension (Rural Extension Centre). Each Department has its own objectives and functions with a common goal of Rural Reconstruction. Besides the existence of four departments under Palli Samgathana Vibhaga (PSV), it has one Music Unit which is primarily working towards teaching music to the boys and girls of the surrounding villages adopted by Visva-Bharati. The unit aims towards spreading the Rabindra-culture through music and folk songs in the villages. The Bhavana also has a library at its premise under the administrative control

of Central Library, Santiniketan. The library has enough facilities to access important journals, magazines, daily newspapers, etc. besides books of related academic programmes of the respective departments. Last but not the least, Sriniketan is a place which excels in cultural exchange since the Tagorean period. This happens through the organization of functions and festivals and PSV participates actively in this context. The common festivals include Halakarsana Utsava, Silpotsava, Sriniketan Annual Festival and Magh Mela. The festivals provide ample scope for interaction among the local communities with the University fraternity.

**DEPARTMENT OF LIFELONG LEARNING
& EXTENSION
(RURAL EXTENSION CENTRE)**

Departmental Seminar (Speakers/Title of the Seminar, Date):

- 24.03.2023 - 25.03.2023. International Conference on “Entrepreneurship Development: Opportunities & Challenges” organized by the Department of Lifelong Learning & Extension, Visva-Bharati, in collaboration with Claflin University.

National and International standard Conference/Seminar/Workshop/Exhibition etc.:

Amit Kumar Hazra

- 26.04.2022. Presented paper on “Partnership 2020: Project Brief, Promotion of Women’s Family Based Entrepreneurship In West Bengal, India” in the A Discussion and Slide Presentation 2020 Project: Family-Based Entrepreneurship Development Among Rural Women in West Bengal, India, Claflin University, USA.
- 22.09.2022 - 24.09. 2022. Presented a paper entitled “Traditional Cooking Fuels vs Biogas: A Comparative Indoor Air Quality Assessment” at the International Conference on Air Quality and Human Health sponsored by SPARC-MHRD organized by the Department of Environmental Studies, Visva-Bharati in collaboration with Saskatchewan University, at Visva-Bharati, Santiniketan.
- 19.10.2022 - 20.10.2022. Presented a paper entitled “Relationship between Energy Poverty and Indoor Air Pollution: A Microlevel Study of an Interior Village In North-East India” in the Bilateral International Conference, jointly organized by the Institute of Ecotoxicology and Environmental Sciences (IE&ES), India and the Bangladesh Environment and Development Society (BEDS), Bangladesh in association with the Khulna University, Khulna, Bangladesh.
- 19.10.2022 - 20.10.2022. Presented a paper entitled "Utilisation of Water Hyacinth to Produce Clean Energy: A Strategic Waste Management for Rural Communities” at the Bilateral International Conference, jointly organized by the Institute of

Ecotoxicology and Environmental Sciences (IE&ES), India and the Bangladesh Environment and Development Society (BEDS), Bangladesh in association with the Khulna University, Khulna, Bangladesh.

- 19.10.2022 - 20.10.2022. Presented a paper entitled “Transformation of Livestock Waste to Biogas Energy: A Caste-Based Impact on Green Cooking Energy Usage in Rural India” at the Bilateral International Conference on Ecotoxicology and Environmental Science (ICEES-2022) organized by IEES in collaboration with Khulna university & BEDS at Khulna University, Khulna, Bangladesh.
- 11.11.2023 - 13.11.2022. Presented Poster at the International 7th Ideal Village Conference on “ Rural Transformation for Sustainable Growth” at Banaras Hindu University, Varanasi, organized by Stanford University and WHEELS Global Foundation.
- 16.11.2022. Participated as a Panelist for a YouTube Live session for Micro Grids (COP27).
- 09.01.2023 - 10.01.2023 Presented a paper entitled “Rainwater Harvesting: A sustainable Model for Solving the Rural Water Crisis” in the 5th Regional Science and Technology Congress, 2022-23, organized by the Department of Science and Technology and Biotechnology in collaboration with Bankura University, Government of West Bengal at Bankura University, Bankura.
- 27.01.2023 - 31.01.2023. Presented a paper entitled “The Nexus between Hybrid Renewable Energy and Energy Poverty: A Status Review on Rural India” at the XLVI Indian Social Science Congress at Bharathidasan University, Tiruchirappalli.
- 27.01.2023 - 31.01.2023. Presented a paper entitled “Biogas Energy Transition from Cattle Waste: A Study of the Influencing of Caste on Biogas Adoption in Rural Bengal” in the XLVI Indian Social Science Congress (XLVI ISSC-2023) organized by Indian Social Science Congress in collaboration with Bharathidasan University at Bharathidasan University, Tamil Nadu, India.
- 02.02.2023 - 03.02.2023. Presented a paper entitled “Impact of Agriculture-Industry Inter-Relationship towards Empowering Santals to Combat Post-COVID-19 Challenges: A Synoptic View” at the International Conference on ‘Biotic and Abiotic Stress of Crop Plants and their Sustainable Management”, organized by Department of Plant Pathology, Palli Siksha Bhavana, Visva-Bharati.
- 24.03.2023 - 25.03.2023. Presented a paper entitled “Entrepreneurship Model for Income Security of Rural Elders in India” at the 2nd International Conference on

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Entrepreneurship Development: Opportunities & Challenges organized by the Department of Lifelong Learning and Extension (REC), Palli-Samgathana Vibhaga (PSV).

- 24.03.2023-25.03.2023. Presented a paper entitled “Enhancing Entrepreneurship Opportunities for Rural Women through Climate-Responsive and Sustainable Energy Systems” at the 2nd International Conference on Entrepreneurship Development: Opportunities & Challenges organized by the Department of Lifelong Learning and Extension (REC), Palli-Samgathana Vibhaga (PSV).
- 24.03.2023-25.03.2023. Presented a paper entitled “Impact of Education on Craftsmen” and “The Effects Of Government-Sponsored Programmes on Rural Artisans in West Bengal's Birbhum District's Ballavpur Village” at the 2nd. International Conference on “Entrepreneurship Development: Opportunities & Challenges” organized by the Department of Lifelong Learning & Extension, Visva-Bharati, in collaboration with Claflin university.
- 24.03.2023-25.03.2023. Presented a paper entitled “Opportunities for Developing Family-Based Entrepreneurship to Combat Post-COVID-19 Challenges: A Synoptic View” at the 2nd International Conference on “Entrepreneurship Development: Opportunities & Challenges”, organized by the Department of Lifelong Learning & Extension, Visva-Bharati in collaboration with Claflin University, USA.

Sujit Kumar Paul

- 14.02.2023-15.02.2023. Presented Paper on “Women in Indian Politics and Decision Making” in the National Conference on “The Legacy of Dr. B.R. Ambedkar and Savitribai Phule in Women Empowerment” in commemoration of the 131st Birth Anniversary of Dr. B. R. Ambedkar organized by SC, ST, OBC Employees Welfare Association of Visva-Bharati at Santiniketan, Birbhum, West Bengal.
- 14.02.2023-15.02.2023. Presented Paper on “Fact of Maternity Practices Among the Tribal Communities” in the National Conference on “The Legacy of Dr. B.R. Ambedkar and Savitribai Phule in Women Empowerment” in commemoration of the 131st Birth Anniversary of Dr. B. R. Ambedkar organized by SC, ST, OBC Employees Welfare Association of Visva-Bharati at Santiniketan, Birbhum, West Bengal.

- 11.07.2022 - 12.07.2022. Delivered a special lecture in the All India Seminar on “Prospects and Scope of Employability in Adult & Lifelong Learning in Higher Education in India: Challenges & Opportunity” organized by the Department of Adult, Continuing Education & Extension, University of Delhi.
- 29.07.2022 - 30.07.2022. Presented paper on “Online Education: Reality or Fallacy in Rural India” at the “Education Outside the Classroom” seminar organized by the Department of Human & Social Sciences in collaboration with Teaching Learning Centre, BITS-Pilani, K.K Birla Goa Campus.
- 26.08.2022 – 27.08.2022. Presented paper in ICSSR Sponsored two days National Seminar Achievements @75 on “Off-mode Schooling in India: Structural Constraints and the NEP 2020” at University School of Management, Gautam Buddha University, Greater Noida, Gautam Buddha Nagar, Uttar Pradesh-201308, India (Hybrid mode).
- 01.12.2022. Presented paper on “Empowering Women through Education” in the International Seminar organized by Kanyashree University, Krishnanagar, Nadia, West Bengal.
- 04.01.2023 - 06.01.2023. Presented paper on “Constraints of Higher Education Among Muslim Women in Rural Bengal: An Overview” in the International Seminar organized by Department of Adult, Continuing Education & Extension (DACEE), University of Delhi.
- 21.02.2023 – 27.02.2023. Presented paper on “Tribal Culture and Dominant Caste- A Study on the Assimilation among the Santals” on West Bengal in the International Bilingual Webinar on Tribal Lifestyle (Tibeto-Burman and Austro-Asiatic Languages-Culture-Anthrology-Linguistics) organized by IBJCAL.
- 21.02.2023 – 27.02.2023. Presented Paper on “Increasing use of Technology in Post-Covid Era in India” on West Bengal in the International Bilingual Webinar on Tribal Lifestyle (Tibeto-Burman and Austro-Asiatic Languages-Culture-Anthrology-Linguistics) organized by IBJCAL.
- 21.02.2023 – 27.02.2023. Presented Paper on “Early age at Marriage among the Santal Adolescents and its consequences, in Birbhum District, West Bengal” on West Bengal in the International Bilingual Webinar on Tribal Lifestyle (Tibeto-Burman and Austro-Asiatic Languages-Culture-Anthrology-Linguistics) organized by IBJCAL.

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- 21.02.2023 – 27.02.2023. Presented Paper on “Recent Trends of Santal Culture: A Study on Alcoholism” on West Bengal in the International Bilingual Webinar on Tribal Lifestyle (Tibeto-Burman and Austro-Asiatic Languages-Culture-Anthrology-Linguistics) organized by IBJCAL.
- 20.02.2023 Delivered a Special Lecture on “Tagore's Philosophy on Rural Reconstruction and Inclusive Development” in a Webinar on World Day of Social Justice organized by the Department of Lifelong Learning and Extension, Gandhigram Rural Institute – Deemed to be University in collaboration with Centre for Women Studies, GRI, Gandhigram and Indian Adult Education Association (IAEA), New Delhi.
- 24.03.2023 – 25.03.2023. Presented a paper on "Vocal for Local: A Step towards Sustainable Development" at the 2nd International Conference on Entrepreneurship Development at the Department of Lifelong Learning and Extension, Visva-Bharati, West Bengal, India.
- 24.03.2023 – 25.03.2023. Presented a paper on “Rural Livelihood Promotion through Entrepreneurship Development in Bolpur-Sriniketan Block, Birbhum District" at the 2nd International Conference on Entrepreneurship Development at the Department of Lifelong Learning and Extension, Visva-Bharati, West Bengal, India.
- 24.03.2023 – 25.03.2023. Presented a paper on "Opportunities and Problems of Tribal Entrepreneurship Development" in the 2nd International Conference on Entrepreneurship Development at the Department of Lifelong Learning and Extension, Visva-Bharati, West Bengal, India.
- 24.03.2023 – 25.03.2023. Presented a paper on "Silent for Locals- A Study on Deprivations of the Local Artisans in Rural Bengal" in the 2nd International Conference on Entrepreneurship Development at the Department of Lifelong Learning and Extension, Visva-Bharati, West Bengal, India.

Subrangshu Santra

- 24.03.2023-25.03.2023. Delivered a presentation entitled “Livelihood and Sustainability through Entrepreneurship Opportunity in Nigeria” at the International Conference “Entrepreneurship Development: Opportunities & Challenges” organized by the Department of Lifelong Learning & Extension, Visva-Bharati, in collaboration with Claflin university.

Ongoing Research Projects in the Department

Name of Teacher	Name of Project	Sponsoring Agencies	Amount Sanction
Prof. Amit Kumar Hazra	Development, Research and Pilot Scale installation of Solar-Hydro Pumped Storage Scheme in a Remote Village of Assam to Ensure 24x7 Electricity	Department of Science and Technology (DST), Government of India	Rs. 2,60,06,500/-
	BEFWAM	Biotechnology and Biological Sciences Research Council (BBSRC), UK	Rs. 5,92,48,248.66/-
	USA-India Partnership 2020: Promoting Women's Family-based Entrepreneurship in West Bengal	USA Federal Government via the Claflin University, South Carolina, USA	USD 29,027/-
Dr. Subhrangsu Santra	Community water supply scheme based on Integrated Rainwater harvesting and Solar PV water pumping system vide Sanction Order No. TMD(EWO)/ITISE-2020/08 dated 24.09.2021	Department of Science and Technology (DST), Govt. of India	Rs.1,39,22,880/-
	Concurrent Evaluation of Implementation of National Food Security Act-2013	The Ministry of Consumer Affairs, Food & Public distribution, Department of Food & Public distribution, Government of India, New Delhi.	4.84 Lacs per Annum (2020-2023)

Extension activities/NSS/ Cultural and other activities organized by the Department and participated by the Teachers and students of the Department.

Department of Lifelong Learning and Extension (Rural Extension Centre) is one of the oldest departments of Visva-Bharati. The Department has been actively engaged in extension activities for improving nearby villagers' condition since the Sriniketan Experiment (1922) initiated by Gurudev Rabindranath Tagore- a Nobel Laureate and founder of the University. Considering society's growing demands, the Department of Lifelong Learning and Extension (REC) also spread its work area. The Department provides extension and field outreach services to 65 villages near Sriniketan.

Operational Area of Extension Programmes of the Department:

Blocks covered: 02 1) Bolpur-Sriniketan 2) Illambazar

Gram Panchayats: 08

Name of the Panchayats: Under Bolpur-Sriniketan Block: 1) Raipur-Supur 2) Kankali 3) Sattore 4) Kosba 5) Sain-Muluk 6) Ruppur 7) Albandha-Sorpalehna
Under Illambazar Block: 8) Illambazar.

Total villages covered: At present a total of 65 villages are covered by the Department, and initiatives have been taken to include more villages gradually.

Among the manifold and multifaceted activities of REC, the following are the most important:-

I) Village Development Societies (VDS)

The rural reconstruction works in the villages carrying out and implemented through the Village Development Societies (VDS) situated in the villages were closely and actively associated with the Department. Village Development Societies are working at the grass root level to implement and formulate different extension activities of the Department.

The Village Development Societies are the focal point of services of the Department of Lifelong Learning and Extension (REC). Further, all the command area villages were grouped under five clusters. The five clusters' names are *Rathindra*, *Kabiguru*, *Pratimadevi*, *Elmhirst*, and *Kalimohon*. All these clusters have regularly conducted their meetings for developmental activities in their respective villages.

Village Development Societies at a Glance

Types of Village Development Societies (Presently Functioning)	Number	No. of Villages Covered	Societies under the Registration Act
Youth Societies	58	65	58
Mohila Samities	12	12	10
Health Society	1	1	1

During this year, partial financial assistance was given to VDSs for conducting cultural programmes, health awareness programmes, plantation, sports and other extension programmes in their respective villages by involving local people, resources and institutions. The Department has also taken the initiative to include and organize more Village Development Societies (VDS) in the operational area of the Department for extension programmes.

This year two secretary meetings were held with the secretaries of Village Development Societies. During this year (2022-2023), the Department distributed National Flag to the adopted villages. The village development societies actively participated in Azadi Ki Amrit Mahotsav to commemorate the 75th anniversary of India's independence on 15th August 2022. Village Development Societies organized different programmes like national flag hosting, rallies, and cultural and discussion programme in their villages. One capacity development training programme was also organized for the secretaries of VDS and the secretaries of Mohila Samities at Surul Anandamoyee Samity on 20.12.2022.

II. Mohila Samities (Women's Forum)

Women empowerment has been one of the intervention areas of the Department since its early days. For women empowerment, the need for the formation of Mahila Samities in the villages had been felt long ago since the time of the inception of the Department. Addressing the social issues concerning women is the main task of Mohila Samities. Presently, the Department has 12 Mohila Samities in the operational area, and the initiative has been taken to form another Mohila Samity consisting of 100 women by Surul Swastya Samity under the Department. In connection with women's empowerment, different types of awareness and training programmes have been conducted with the active support of the Mohila Samities.

Mohila Samities at a Glance

No. of Mahila Samities	No. of Villages Covered	No. of Registered Societies
12	12	10

III. Brati Organization

Rural boys and girls between 9 and 14 years of age are mobilized into groups and motivated for welfare and different innovative activities in their respective villages by their efforts based on the ideas of Gurudev Rabindranath Tagore. The objectives of the programme are:

- ❑ To develop the spirit of community service among the children through the *Bratio* rganization.
- ❑ To undertake a physical exercise in groups in villages and to make a sound body with a sound mind of children through *Brati* organization.
- ❑ To develop awareness among the children and the society of the natural equilibrium and environment education.
- ❑ To develop leadership qualities among the children of the *Brati* organisation through group dynamism.

Last year, 11 Brati Dals were organized in 10 villages. A 5-day Orientation training programme for the Brati Leaders was conducted from 23.05.2022 to 27.05.2022 at the Seminar Hall of the Department. Physical exercise and drill training were imparted among the Brati Leaders. Side by side, conceptual analysis was also given to the Brati Leaders about other activities of Brati organisation round the year in the villages. 5 days Yoga Training Programme for the Brati Leaders and Brati children was also organized in 10 villages in collaboration with the Department of Yogic Art and Science, Visva-Bharati, from 13th to 17th June 2022. International Yoga Day was also observed by the Brati organisation in 10 different villages on 21st June 2023. In 2022-2023, 11 numbers of monthly meetings with the Brati Leaders were conducted by the Department. During this year, Brati Leaders were also given a guard of honour during the Sriniketan Anniversary Festival on 6th February 2023 in their traditional way.

IV. Self-Help Groups (SHGs)

Organization and supervision and developing Self Help Groups (SHGs) are the department's other special programmes for women empowerment. The main objectives of the programme are-

- ❑ To improve rural people's socio-economic condition, particularly women, through SHG intervention.
- ❑ To develop the spirit of self-reliance and self-sustenance through SHGs among rural women.
- ❑ To grow the habits of savings among rural women.
- ❑ To enable women to pool their resources and use them for income generation.
- ❑ To develop the spirit of cooperation and self-help in the rural community.

Self-Help Groups at a Glance

No. of SHGs functioning under the Department	Groups (gender-wise)	
	Male	Female
100	9	91

Activities conducted with SHGs

SHGs in our command area villages, besides their regular meetings, savings, linkages with banks etc., are also taking various entrepreneurial initiatives to improve their socio-economic condition. During this year, Two sewing machines were distributed to Rahamatpur Mohila Samity by Seba Sakha and Siksha Satra for women's self-employment. The necessary arrangement will be made for training in collaboration with Indian Bank Rural Self Employment Training Institute, Bolpur.

V. Rural Library Services

Rural Library services are one of the important services of the Department of Lifelong learning & Extension (Rural Extension Centre) through which literacy and education movements are carried out in the villages. Another objective of this programme is to develop a rural library as an information & cultural centre in the respective villages. This programme in rural areas has been carried out through a network of 38 rural libraries with active and financial support from the Raja Rammohun Roy Library Foundation (RRRLF), Kolkata. Librarians and Assistant Librarians of rural libraries have been working voluntarily since the inception of the the programme.

The objectives of the programme are:

- ❑ To develop regular reading habits among the village readers.
- ❑ To develop the rural library as a cultural communication and continuing education centre.
- ❑ To develop self-reliance and self-confidence among the rural youth and students.
- ❑ To provide all updated information regarding modern and advanced science and technology among the readers of rural libraries.
- ❑ Retention of acquired literacy skills for the neo-literates.
- ❑ To develop a rural library as a Centre for sharing, sustaining and strengthening the knowledge base of the people in general and students in particular.

A glimpse of Rural Library Services

No. of Blocks:	02
	(i) Bolpur-Sriniketan
	(ii) Illambazar
No. of Gram Panchayats:	08
No. of villages covered:	40
No of Village Development Societies:	38
No of Functional Libraries	37
Library exclusively for Health purpose:	01 (Surul Health Society)
No. of Children Libraries:	12
No. of Children's Corner	08
No. of Senior Citizen Corner	01

No. of Computers	16
Library having internet facilities	02
<i>Status of Books:</i>	
Total No. of books in Rural Library	: 1, 48,567
No. of books purchased during the year	: 1110
<i>Activities of the Library during this year:</i>	
Library day observation	: Centrally at Surul Village
Wall Magazine Published by	: 03 Libraries
Cultural Programme with	: 02 Libraries
Total seminar organized centrally	: 12 nos.

Other activities of Rural Library Services

- Distribution of 30 nos. of books (title) to each rural library this year.
- Purchase of 38 steel book racks, 38 nos. of Sataranjee (Floormat) and 15 numbers of Computer tables for rural libraries are under progress.
- Sahitya Sabha was organized in two villages, one in Ballavpur village and the other on Library Day at Surul village.

Special Initiative:

- The Department organized Sahitya Sabha at Ballavpur Joyti Sangha Library, involving all the readers and librarians under Kalimohon Cluster.
- Central Level Sahitya Sabha was organized on 20th December at Surul Anandamoyee Granthagar. All the readers from 38 rural libraries participated in the Sahitya Sabha and presented their writings in the programme.
- Compilation of the selected writings from the reader in the sahitya sabha is in progress for the publication of Sristi magazine.

VI. Agricultural Extension Activities

This Department generally promotes awareness relating to agriculture and assists the VDS in extending agriculture extension work in the villages. On the occasion of Hala Karshana Utsav, Mango, Papaya and Moringa sapling were distributed among 44 Brati Leaders and children and 62 village Development Societies (VDS). Apart from that, a special drive was taken to distribute saplings among the Brati

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Children. In this connection, Mango, Guava, Jamun, Mohegani, and Lemon saplings were distributed among the 250 Brati children in 11 villages.

VII. Crafts Promotion Programme

Promotion and revival of traditional crafts of villages is the main objective of this programme. The Department Centre has undertaken the crafts promotion Programme since 2001 as a part of entrepreneurship development among rural artisans. Craftsmen are engaged in crafts such as bamboo work, lacquer-based handicrafts, wire, clay, jute work, paper pulp, sola pith, leather, Kantha stitch, grass work, appliqué etc. An exhibition cum sale counter was also organized during Pous Utsava-1429 at *Bharat Tirtha* at Santiniketan. 12 artisans from different crafts participated in this programme.

VIII. Folk Cultural Activities

Reviving the traditional folk culture and encouraging creative potentialities through this traditional asset in rural areas is the main objective of this programme. The members of the village development societies organized different types of folk cultural programmes. During this year, *Loko Sanskritir Asor* was organized at Santiniketan Gour Prangana on 23.12.2022, where 40 folk artists participated in the programme. On this occasion, Dhak Badan, Lagra Badan, Adibasi Nritya, Kabi Gaan, Bhadu Gaan etc, were presented before the audience.

IX. Activities of Audio-Visual Unit

The Department has a separate audio-visual unit. This unit provides still and video photographs to document all the programmes and annual exhibitions.

X. Celebration of Important Events/Days

- A. **Celebration of International Literacy:** International Literacy Day was celebrated in Lakhipur village –a newly adopted tribal-dominated village of Chowpahari Jungle under Illambazar Gram Panchayat. A total of 300 participants were present and actively participated in this occasion. A Signature campaign was organized among the tribal men and women aged above 45 years. Besides, an awareness rally, a drawing competition, and other cultural programmes were also organized on International Literacy day on 8th September 2022.

- B. Celebration of Children's Day:** Children's Day was organized on 14th November 2022 in five different villages, namely Supur, Dwaranda, Binuria, Sundipur & Sehelai villages. Child Exhibition was organized with the active support of Anganwadi & Health Sub-Centre, where the child's height, weight and general health were measured. An awareness rally and cultural competition were also organized on this occasion.
- C. Celebration of Constitution Day:** Constitutional Day has also celebrated in Mohula and Supur village on 26th November 2022, where Primary School Children and Brati Children participated and took the Pledge of the preamble of the Constitution. Nearly 100 participants took part in this programme.

XI. Exchange and Visit Programme

1. Orientation programme with the student of Physical Education was organized in the Department on 04.11.2022, where 25 students actively participated. Later students of Physical Education also visited Nurpur village. They interacted with the members of the samity and oriented them about some of the games.
2. Students of the Master of Rural Management (MRM) of our Department also took the initiative to conduct various kinds of programmes with the active support of the Village Development Societies. An awareness programme on the Use and Misuse of water and then the plantation of trees was organized in Noorpur village on 17.05.2022. Besides, students also organized cultural programmes and awareness camps in Bahadurpur, Ballavpur, Binuria, Supur & Mirzapur villages as a part of their academic curriculum.

XII. Linkage Development with Other Agencies

The Department of Lifelong Learning & Extension (Rural Extension Centre) Visva-Bharati has been developing linkages with the following Institutions:

- Raja Rammohan Roy Library Foundation, Kolkata, Ministry of Culture, Govt. of India
- All India Radio, Santiniketan
- Block Development Office, Bolpur- Sriniketan and Illambazar Block
- Block Primary Health Centre, Bolpur and Illambazar Block
- DIC, Suri, Birbhum
- Different National and International NGOs

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Publications:

Amit Kumar Hazra

Paper Published

- Dutta, T., & Hazra, A. K. (2023). Use of ICT in rural schools of West Bengal: constraint and consequences. *International Journal of Science and Research (IJSR)*, 12(3), 741-744. Article DOI: 10.21275/SR23314223022.
- Bandyopadhyay, K., & Hazra, A. (2022). Impact of ICT in strengthening transparency in rural local governance: a case study in four Gram Panchayats in West Bengal, India, *International Journal of Advanced Research*, 10(11), Article DOI: 10.21474/IJAR01/15774,
- Sarkar, A., Ghosh, S., Bagdi, T., & Hazra, A.K. (2022). Traditional waste burning & energy poverty in West Bengal. *International Journal of Novel Research and Development (IJNRD)*. 7(9), 690-697.
- Ghosh, S., Bagdi, T., Sarkar, A., & Hazra, A.K. (2022). Aquatic Macrophytes are Curse as well as boon to the society: a study of rural Bengal. *I N S I G H T: An International Multilingual Journal for Arts and Humanities*, 2(7), 71-91.
- Bagdi, T., Ghosh, S., Sarkar, A., Hazra, A.K., Balachandran, S., & Chaudhury, S. (2022). Whose development counts? adoption of biogas in the rural communities of India-A review. *International Journal of Renewable Energy Research (IJRER)*, 12(4), 2023-2042.
- Mitra, S., Hazra, A.K. & Harpal S. Grewal (2023). Training need assessment of family-based entrepreneurs in West Bengal: An explorative study. *American Journal of Educational Research*, 11(2), 17-24 Article DOI: 10.12691/education-11-2-1
- Show, B. K., Banerjee, S., Banerjee, A., GhoshThakur, R., Hazra, A. K., Mandal, N. C., ... & Chaudhury, S. (2022). Insect gut bacteria: a promising tool for enhanced biogas production. *Reviews in Environmental Science and BioTechnology*, 21(1), 1-25.

Book Chapter

1. Koley, A., Bray, D., Banerjee, S., Sarhar, S., Thahur, R. G., Hazra, A. K., ... & Balachandran, S. (2023). Water Hyacinth (*Eichhornia crassipes*) a sustainable strategy for heavy metals removal from contaminated waterbodies. In *Bioremediation of Toxic Metal (loid) s* (pp. 95-114). CRC Press.

2. GhoshThakur, R., Ghosh, A., Sen, D., GonChaudhuri, S., Balachandran, S., Sarkar, A., & Hazra, A. (2022). OP31: Design, optimization and sensitivity analysis of an appropriate renewable energy generation, storage and distribution system for providing standalone dispatchable power to rural community centres. ISBN: 978-93-91870-94-2.
3. Mukherjee, D. (2023). Social protection for rural elderly: through the vehicle of elderly self-help groups in rural development in *Asia-Pacific Region, North East India and its Neighbouring Countries Vol: II* (Edited Book by Dr. Jayanta Choudhury, Dr. Narayan Sahoo, Dr. RongsentemjenAo; New Delhi: D. P. S. Publishing House (pp 688-706).

Magazine:

- “Claflin University launches program to help women entrepreneurs in India” TV News by News19 available in www.wltx.com Published: 12:11 AM EDT April 30, 2022 Updated: 12:11 AM EDT April 30, 2022.

Sujit Kumar Paul

Paper Published:

- Paul, S.K. (2022).Participatory Quality Education and Active Citizenship. *Indian Journal of Adult Education*, 83(1), 38-46.
- Paul, S.K., & Biswas, B. (2022). Saotal Somajer Utsober Etibritto. *Pratidhwani the Echo*, X, 64-67.
- Paul, S.K., & Sarkar, S. (2022). Women In Indian Politics and Governance. *IJCRT*, 10 (5), 906-914.
- Paul, S.K., & De, S.(2022). Material Culture and Mass Media: A Study on the Changing Status among the Tribals. *South Asian History, Culture and Archaeology*, 2 (1), 157-166.
- Paul, S.K.,& Chakraborty, C. (2022). Empowering Women and Education: A Discourse Analysis. *International Journal of Creative Research Thoughts (IJCRT)*, 10 (5), 101-111.
- Paul, S.K. (2022). Consequence of Covid-19 and Role of Gram Panchayats in Tackling the Pandemic Situation: Some Highlights from West Bengal. *NAVEIN REET: Nordic Journal of Law & Social Research An Annual Interdisciplinary Research Journal*, 12, 63-74.

Chapter-2

- K, Gireesan & Paul, Sujit. Kumar. (2023). Rainbow Coalition in Co-operative Society Elections in West Bengal — Is it the beginning of an End?. *Journal Mainstream Weekly*, 61 (8).

Subrangshu Santra

Book Chapter with Five Authors

- Santra, S., et.al (2022). Nutritional garden- a panacea to balance nutritional insecurity for the rural poor, in *Emerging trends in agriculture: prospects and opportunities* (Ed.) New Delhi: Renu publisher, ISBN: 978-93-92597-50-3.

Book with Three Authors

- Mondal, B., Bordolui, S.K. & Santra, S. (2022). *Emerging trends in agriculture: prospects and opportunity* (Ed.), Renu Publisher, New Delhi, ISBN: 978-93-92597-50-3.

Journal Article

- Wasim, R., Roy, A., & Santra, S. (2022). Factors Responsible for Influencing the Adverse Child Sex Ratio: A Study on Birbhum District of West Bengal. *International Journal of Food and Nutritional Sciences (IJFANS)*, 11, 4943-4961.
- Pandey, J., & Santra, S. (2023). Changes in Household Structure and Consumption Patterns among Households with HIV-positive Members in Uttar Dinajpur District, West Bengal. *International Journal of Research*, 10(3), 107-117.

DEPARTMENT OF RURAL STUDIES (PALLI CHARCHA KENDRA)

National and International standard Conference / Seminar / Workshop / Exhibition etc.

M. A. Masillamani

- 06.12.2022. Presented a paper titled “A study on awareness creation of sustainable waste management among high school students” in National Seminar organized by Department of Economics, Heramba Chandra College, University of Calcutta in joint-authorship of with Badsha Pal (Phd Scholar).

Rathindra Nath Pramanik

- 01.03.2023 – 03.03.2023. Presented a paper titled ‘Trends, Nature and Causes of Youth Unemployment in India with special reference to West Bengal’, at the 63rd Annual Conference of the Indian Society of Labour Economics (ISLE), organized by the Centre for Development Studies and Department of Economics, Rajiv Gandhi University, Itanagar, Arunachal Pradesh.
- 01.03.2023 – 03.03.2023. Discussant in Technical Session 1.16 on ‘The Challenge of Youth Employment’ at the 63rd Annual Conference of the Indian Society of Labour Economics (ISLE), organized by the Centre for Development Studies and Department of Economics, Rajiv Gandhi University, Itanagar, Arunachal Pradesh

Ongoing Research Projects in the Department

Kumuda Chandra Panigrahi

- Name of the Project: Accessibility and utilization of natural and child health services among particularly vulnerable tribal group during covid-19- A Study of Kutia & Dogria kond in Kalahandi District.
- Sponsoring Agencies: ICSSR minor research project
- Amount Sanctioned: 3 lakh

Chapter-2

Extension activities/NSS/Cultural and other activities organized by the Department and Participated by the Teacher and students of the Department.

As a part of our concurrent field work curriculum organized by the Department, we have extended our knowledge-based service in the village Kamarpara near Banalakhsmi. The students were supervised by the teachers to conduct survey-based activities in educational sphere.

Faculty Publications

- Pramanik, R. N. (2022). Conditions of Farmers in West Bengal. *Economic and Political Weekly*, 57 (23), 59-65.
- Pramanik, R. N. (2022): An Analysis of Farmers Income in West Bengal, *Agricultural Situation in India*, 79 (8), 11-23.

DEPARTMENT OF SILPA-SADANA

Name of the students qualified in UGC/CSIR/NET/SLET and GATE Examinations.

Orchismita Pal	M. Des (Textile Design), NID Prelims	Rank 2 (General)
Kaustav Mandal	M. Des (Textile Design), NID Prelims	Rank 2 (SC)
Subhanki Ghosh	M. Des (Textile Design), NID Prelims	Rank 23 (General)
Subhanki Ghosh	M. Des (Apparel Design), NID Prelims	Rank 7 (General)
Madhureema Kundu	M. Des (Textile Design), NID Prelims	Rank 29 (General)
Madhureema Kundu	M. Des (Lifestyle Accessory Design)	Rank 09 (General)
Ahana Bhattacharya	XAT (Xavier Aptitude Test)	85.69 %ile

Departmental Seminar (Speakers, Title of the Seminar, Date):

Special Lectures

- 13.03.2023. The Department organized a special lecture on ‘Fabric Defects and its Analysis.’ Sri Bibekananda Basu, Adjunct Faculty of SGGS College of Technology, Nanded, Maharashtra, was the resource person, and Dr. Sankar Roy Maulik, Associate Professor, was the coordinator.
- 14.03.2023. The Department conducted a workshop on ‘Sashiko.’ Dr. Maneet Kaur, a Research fellow of the Japan Foundation and the Ishibashi Foundation 2022, was the resource person, and Dr. Sankar Roy Maulik, Associate Professor, acted as the coordinator.

Workshop

- 20.12.2022 – 21.12.2022. The Department conducted a 2-day workshop on ‘Traditional Kalamkari and Painting with Natural Dyes’ as a part of the centenary celebration. Sri Ajit Kumar Das, a renowned Kalamkari artist, was the resource person, and Dr Sankar Roy Maulik, Associate Professor & Silpinwita Das, Research Scholar, acted as co-ordinators.
- 15.11.2022. The Department conducted a One-day awareness workshop on ‘The Role of Natural Fibre for Replacement of Single Used Plastic’ in collaboration with ICAR- NINFET’ as a part of the centenary celebration of the Department. Dr. Sankar Roy Maulik, Associate Professor, acted as the coordinator.

Chapter-2

National and International standard Conference / Seminar / Workshop / Exhibition etc:

Sankar Roy Maulik

Workshop Conducted

- 02.05.2022 – 06.05.2022. Conducted a workshop as an external expert on ‘Dyeing and Printing of Natural Dyes’ organized by the Department of Design, Kala-Bhavana, Visva-Bharati.

Conference/Seminar Paper Presented

- 03.01.2023 - 04.01.2023. Presented a paper entitled ‘Kinetic and Thermodynamic Parameters of Natural Dye’ at the National Conference on ‘Natural Fibre for Sustainable Societal Development’ organized by The Indian Natural Fibre Society at ICAR – NINFET, Kolkata.
- 11.03.2023 – 12.03.2023. Presented a paper entitled ‘Discharge Printing on Naturally Dyed Textiles’ in the 35th National Convention of Textile Engineers and National Seminar on ‘Resource Efficient Technologies in Textile Manufacturing’ organized by The Institution of Engineers (India), Kolkata.

Jaya Boro

Participated in Workshop

- 01.01.2023. Participated as a Participator Artist in Silver Jubilee Celebration of “Ghahonit Kabita aru Shilpakarma” at Guwahati Digilipukhuri Par, Guwahati (Assam)
- 22.02.2023 - 24.02.2023. Participated in Terracotta workshop, organized by Alumni Association of Govt. College of Art & Crafts, Assam, Sponsored by Directorate of Cultural Affairs, Govt of Assam, Rabindra Bhawan, Guwahati – 01.

Participated in Exhibition

- 10.10.2022-13.10.2022. Participated in “Remember 91”, a group Visual Art Exhibition, 2022 at State Art Gallery, Guwahati (National level).
- 22.10. 2022- 04.11.2022. Participated in “KAHT”, A Series of Contemporary Arts Exhibitions at Kalakhshetra Art Gallery organized by Kala – Bhavana Alumni of Himalayan Terrain, in collaboration with Srimanta Sankardeva Kalakshetra, Panjabari Guwahati, Guwahati (National level).

- 24.12.2022 – 30.12.2022. Participated in an exhibition titled “Palash’22” at Academy of Fine Arts, 2, Cathedral Road, Kolkata, organized by All-India Exhibition of Painting, Sculpture, and Ceramics (National level).
- 28.12.2022 – 02.01.2023. Participated in the Art Exhibition of the Glorious Platinum Jubilee Year Celebration of GCAC at Creative Art Gallery, Jorhat, Assam (National level).
- 09.01.2023 – 13.01.2023. Participated in Global Friendship Art Festival India 2023 at Nandan Art Gallery Santiniketan (International level).
- 02.02.2023 - 09.02.2023. Participated in “KAHT”, A Series of Contemporary Arts Exhibitions by Kala – Bhavana Alumni of Himalayan Terrain, Exhibition at Nandan Art Gallery, Kala Bhavana, Santiniketan (National).

Prabir Kumar Choudhuri

- 24.03.2023 – 25.03.2023. Presented a paper entitled “Multi-Criteria Decision-Making (MCDM) Technique in Rural Development: A New Approach” at the 2nd International Conference on Entrepreneurship Development: Opportunities & Challenges, organized by the Department of Lifelong Learning and Extension, Visva- Bharati & School of Business, Claflin University, USA.
- 24.03.2023 – 25.03.2023. Presented a Paper entitled “Innovative Approach in Creating Textile Design Inspired from Rabindra Sangeet to Boost Small Scale Printing Unit” in the 2nd International Conference on Entrepreneurship Development: Opportunities & Challenges, organized by the Department of Lifelong Learning and Extension, Visva-Bharati & School of Business, Claflin University, USA.
- 24.03.2023 – 25.03.2023. Presented a paper entitled “Finding Out the Precondition for Developing Luxury Narratives Hidden in Bengal Cottage Handicrafts and Handloom Industries” presented at the 2nd International Conference on Entrepreneurship Development: Opportunities & Challenges, organized by the Department of Lifelong Learning and Extension, Visva-Bharati & School of Business, Claflin University, USA.

Chapter-2

Shantanu Kumar Jena

Invited Lecture

- 22.02.2023. Delivered online lecture on ‘Sustainability of Indian Crafts and its Development’. organized by Spicmacay for Hansraj College Chapter.

Workshop

- 27.02.2023 -17.03.2023. Conducted Workshop on Research Methodology along with hands-on work experiments on ‘Combination of Material and Geometry & Construction’ for students of NID, AP, Vijayawada.

Exhibition

- 24.12.2022 – 30.12.2022. Exhibited ceramic craft products made in ‘PALASH-22’, an all-India exhibition of Painting, Sculpture, and Ceramics at the Academy of Fine Arts, Kolkata. organized by CARDS (Chotanagpur Art Research and Development Society).

Tanima Bhattacharya

Conference/Seminar Paper Presented

- 09.01.2023 – 11.01.2023. Presented a paper entitled “Assessing the Users’ Preference-based Approach to optimize the Integration of Physical-Infrastructural and Socio-cultural Elements of Design” at the International Conference on Research Design (ICoRD 23), Jointly organized by IDC Mumbai IISC Bangalore and Indian Institute of Technology.
- 14.06.2022 – 18.06.2022. Presented a paper entitled “Santiniketan-Sriniketan Experiment: Exploring the Ideals of Holistic Development and Sustainability” at the International Conference Bharath Tirtha II, organized by Centre of Excellence for Indian Knowledge System, Indian Institute of Technology Kharagpur.

Workshops

- 02.09.2022. Participated in the UGC-sponsored workshop on NEP-2020 titled “How can we build up New roads for Global Citizenship through Multi-Disciplinary Tools in Education” organized by HRDC-Jadavpur University, Kolkata.

- 20.12.2022 – 21.12.2022. Participated in the two days' workshop on "Traditional Kalamkari and Painting with Natural Dyes", organized by Silpa-Sadana, Visva- Bharati.

Faculty Induction Programme

- 01.08.2022 – 02.09.2022. Attended, participated, and contributed to the "UGC Sponsored Faculty Induction Programme" (Guru Dakhsta) organized by UGC-HRDC, Jadavpur University.

Extension activities/NSS/Cultural and other activities organized by the Department and participated by the Teachers and students of the Department.

Through the extension activities of the Textile section of the Department, handloom weavers of nearby villages have been given the job of manufacturing fabrics out of our supplied dyed, bleached and grey yarns and as per our designs & specifications. The final products have been sold through the Sales Emporium of the Department. Sales counters were organized during the 'Pous Utsav' by the University at the Bharat Tirtha section of the Visva-Bharati campus from 23rd to 26th December 2022. Therefore, the Department had the greatest platform to sell its products this year.

Rural craftsmen in the field of carpentry, pottery, artistic leather crafts, handmade paper making, batik etc., have been provided employment through the manufacturing of different crafts items of respective trades either by providing raw materials to them or by directly purchasing the finished items from them as per the designs supplied by the Department.

As an extension activity of the Centenary Celebration of the Department of Silpa-Sadana, an Alumni Meet (Punarmilan Utsav) was organized by the Department, and the response, interaction, and connection we were able to build between the present students and the alumni are overwhelming. The Alumni Meet was organized on 17-18th December, 2022.

Chapter-2

Academic distinctions gained by Teachers/ Scholars or the Department as a whole (Like recognition as Department of Special Assistance (D.S.A.) or Centre for Advanced Studies (C.A.S.), etc.)

- Amita Dutta, Research scholar (Regn. No. VB-2265 OF 2016-17) awarded Ph. D degree on 17.05.2022 for the thesis entitled “Intervention for a Sustainable Future Through Diversification of the Traditional Woven Textiles from Koraput” under the supervision of Dr Sankar Roy Maulik.
- Sabyasachi Sengupta, Research scholar, was awarded a Ph.D. degree on 01.08.2022 for the thesis entitled “The Socio-Cultural Politics of Textiles of Bengal: Tagorian Anecdotes and Prescriptions” under the supervision of Dr. Prabir Kumar Choudhuri.

Publications:

Research Papers

Ashis Mitra

- Mitra, A. (2022). Application of multi-objective optimization on the basis of ratio analysis (MOORA) for selection of cotton fabrics for optimal thermal comfort. *Research Journal of Textile and Apparel*, 26(2), 187-203. <https://doi.org/10.1108/RJTA-02-2021-0021>.
- Mitra, A. (2022). Cotton fibre selection based on quality value using measurement of alternatives and ranking according to compromise solution (MARCOS) method. *Research Journal of Textile and Apparel*, Vol. ahead-of-print No. ahead- of-print. <https://doi.org/10.1108/RJTA-03-2022-0030>.
- Mitra, A. (2022). Combinative distance-based assessment (CODAS) approach of multi-criteria decision-making for grading of Tossa jute fibres. *Research Journal of Textile and Apparel*, Vol. ahead-of-print No. ahead-of-print. <https://doi.org/10.1108/RJTA-05-2022-0054>.

Sankar Roy Maulik

- Majumdar, S., & Roy Maulik, S. (2023). Protective textiles: Part -I: Protection against extreme heat and fire. ultra-violet radiation, micro-organisms and insects, *Asian Dyer*, 20(1), 39-46.

- Mukhopadhyay, S., Ghosh, S., & Roy Maulik, S. (2022). Sustainability in supply chain management of textile and apparel industry. *Journal of the Textile Association*, 83(4), 266-272.
- Tunnesa Begam, R., & Roy Maulik, S. (2022). A review on Kalamkari: a traditional textile painting. *Indian Journal of Natural Fibres*, 8(2), 45-54.

Book Chapter/Conference Proceedings

Book Chapters

Sankar Roy Maulik

- Dutta, A., Singhee, D., & Roy Maulik, S. (2022). Mirgan Panikas of Kotpad- A note on the elderly textile workers. In *The elderly in India*, Edited by Paramita Roy, Subhashree Sanyal and Sasmita Patel, New Delhi: Alter Notes Press, 225-230. ISBN:978-93-94213-00-5.
- Roy Maulik, S., Bhattacharya, A., Roy, P. P., & Maiti, K. (2022). Reactive dye and its advancements. In *Textile Dyes and Pigments: A Green Chemistry Approach*, Edited by Pintu Pandit, Kunal Singha, Subhankar Maity, and Shakeel Ahmed, Scrivener Publishing Willey, 17–44, ISBN- 13:9781119904915.
- Roy Maulik, S., Chakraborty, D., Mohanty, M., & Debnath, C. (2022). Vat dye and its evolution in dyeing. In *Textile Dyes and Pigments: A Green Chemistry Approach*, Edited by Pintu Pandit, Kunal Singha, Subhankar Maity, and Shakeel Ahmed, Scrivener Publishing Willey, 87–106, ISBN- 13:9781119904915.
- Roy Maulik, S., & Pandit, P. (2022). Advancement in indigo dyeing. In *Textile Dyes and Pigments: A Green Chemistry Approach*, Edited by Pintu Pandit, Kunal Singha, Subhankar Maity, and Shakeel Ahmed. Scrivener Publishing Willey, 107–122, ISBN- 13:9781119904915.

Conference Proceedings

- Kumari, R., & Roy Maulik, S. (2023). Application of Natural Dyes through the Pad-Steam Process. International Conference on ‘*Industry 5.0 and Paradigm Shift: Emerging Challenges*, Edited by Dr. Namit Gupta, Dr. Roopa Shinde, Dr. Rakesh Kumar Malviya and Prof. Anjali Gupta). Allied Publishers Private Limited, 263-270. ISBN: 978-93-90951-50-5.
- Mandal, K., & Roy Maulik, S. (2023). Product Diversification of Bankura’s Handloom Gamcha Industry through Waste Management, TEXCON-2023, *Textile*

Chapter-2

Recycling and Sustainable Apparel Design, Edited by V.R. Sampath, Shamayita Patra and Pavan K. Gupta, Shri Vaishnav Vidyapeeth Vishwavidyalaya, Shri Vaishnav Institute of Textile Technology, Indore, Allied Publishers Pvt. Ltd. ISBN: 978-93-90951-53-6. www.alliedpublishers.com, 158-164.

A brief history of the development of the Bhavana/Sadana/Vibhaga concerned with an indication of the future plans for development,

Silpa-Sadana, a Department under Palli Samgathana Vibhaga at Sriniketan, is well acquainted with the Technical & Vocational training imparted in Cottage Industries & crafts since its inception in 1922. It also has a long tradition of enriching the taste of the people through its artistic and innovative craft products. It had once taken a leadership role in revitalizing the decadent rural industries and craft sector of India. Its present activities are:

Training Activities

In the Training Section, systemic training in six different trades or disciplines is being imparted to about 192 regular students. Silpa-Sadana offers Ph. D. programme, 2-years Master of Design programme, 4-year Bachelor of Design program.

Production, Extension and Marketing

This wing has been carrying out the production of artistic craft articles in the above- mentioned trades with the help of teaching & technical staff of the Department, village artisans, daily rated casual workers and students of training units of Silpa-Sadana. The products thus made are sold through its Sales Emporium at Sriniketan.

The Departmental Workshops/Studios/Laboratories have been developed and upgraded by incorporating new equipment/tools/machinery purchased out of equipment grant.

Student's Achievements

Publication (Conference Proceedings)

- Das, S., & Roy Maulik, S. (2023). Natural Indigo – a short review. 35th National Convention of Textile Engineers and National Seminar on '*Resource Efficient Technologies in Textile Manufacturing*' Edited by S. Sengupta, The Institution of Engineers (India),
- Mitra, T., & Roy Maulik, S. (2023). Application of reactive dye for handloom sectors, 35th National Convention of Textile Engineers and National Seminar on '*Resource Efficient Technologies in Textile Manufacturing*' Edited by S. Sengupta, The Institution of Engineers (India),
- Chandra, A., & Roy Maulik, S. (2023). Children's apparel inspired by cartoon characters, 35th National Convention of Textile Engineers and National Seminar on '*Resource Efficient Technologies in Textile Manufacturing*' Edited by S. Sengupta, The Institution of Engineers (India),
- Roy Maulik, S., & Chakraborty, S. (2023). Discharge printing on naturally dyed textiles. 35th National Convention of Textile Engineers and National Seminar on '*Resource Efficient Technologies in Textile Manufacturing*' Edited by S. Sengupta, The Institution of Engineers (India),
- Sen, I., & Roy Maulik, S. (2023). Colours of the earth, 35th National Convention of Textile Engineers and National Seminar on '*Resource Efficient Technologies in Textile Manufacturing*' Edited by S. Sengupta, The Institution of Engineers (India),

Paper Presentation

Silpinwita Das, Research Scholar

- 03.01.2023 – 04.01.2023. Presented a paper entitled 'Recent advancements in natural dyes – a short review', in the National Conference on 'Natural Fibre for Sustainable Societal Development' organized by The Indian Natural Fibre Society at ICAR – NINFET, Kolkata.

Tithi Mitra, M. Des-Textiles, Semester -III

- 03.01.2023 – 04.01.2023. Presented a paper entitled 'Surface ornamentation utilising pigment thermo-migration behaviour and mercerisation technique' at the National Conference on 'Natural Fibre for Sustainable Societal Development' organized by The Indian Natural Fibre Society at ICAR – NINFET, Kolkata.

Chapter-2

Kaustav Mandal, M. Des-Textiles, Semester -I

- 03.01.2023 – 04.01.2023. Presented a paper entitled ‘Bankura’s Gamcha - the story of Kenjakura weavers’ in the National Conference on ‘Natural Fibre for Sustainable Societal Development’ organized by The Indian Natural Fibre Society at ICAR – NINFET, Kolkata.

Madhureema Kundu, B. Des (Specialization in Textiles)

- 03.01.2023 – 04.01.2023. Presented a paper entitled ‘Children's clothing designs inspired by Bengali short stories and poems’ in the National Conference on ‘Natural Fibre for Sustainable Societal Development’ organized by The Indian Natural Fibre Society at ICAR – NINFET, Kolkata.

DEPARTMENT OF SOCIAL WORK

Name of the Students qualified in NET (UGC/CSIR/ICAR)/SET and GATE Examination:

Year	Name of Student	Category
2022-23	Baishaki Somondal (UGC-JRF)	SC

National and International Conferences Participated

Prasanta Kumar Ghosh

- 24.03.2023. Delivered a keynote address at the National Conference on Youth Development titled “Youth in 21st Century: A Social Work Perspective” organized by the Department of Social Work and the Department of Applied Psychology, Rajiv Gandhi National Institute of Youth Development (RGNIYD).

Asok Kumar Sarkar

- 10.03.2023–11.03.2023. Presented a paper on “Diversities and Challenges of Field Education in Social Work: Some Issues for BSW Curriculum under NEP 2020” at the TISS BSW Curriculum Consultation and Conference on Social Work Education and Field Work Practice organized by the School of Social Work, Tata Institute of Social Sciences, Mumbai.

Paramita Roy

- 10.11.2022-11.11.2022. Presented a paper on “The Elderly Women in SHGs in National Urban Livelihood Mission (NULM) in West Bengal, India: An analysis on work-life and income security” organized by Duke-NUS Medical School, Singapore-Centre for Ageing Research and Education.
- 10.02.2023-11.02.2023. Presented a paper on “Handloom Industry in India: A Study on its status, challenges and opportunities” in the International Conference Building the SDG Economy: Emerging Challenges and Prospects organized by St.Xaviers College(Autonomous) and Fordham University, USA.

Chapter-2

- 10.01.2023–11.01.2023. Chaired a session on “Gender Equality (SDG 5)” in the International Conference on Management and Business Practices organized by Department of Management and Business Administration, Aliah University.
- 10.01.2023–11.01.2023. Presented a paper on “The Role of Technology-based Media Platforms in Family Violence: Literature and Brief Case Studies” in the International Conference on Management and Business Practices organized by Department of Management and Business Administration, Aliah University.
- 10.01.2023–11.01.2023. Presented a paper on “Knowledge, Attitude and Practice of Caregivers of Persons with Chronic Mental Illness about Tele mental Health and Tele-psychiatry: An Observational Study in Tertiary Mental Health Facility” in the International Conference on Management and Business Practices organized by Department of Management and Business Administration, Aliah University.
- 10.01.2023–11.01.2023. Presented a paper on “Online Marketing in the Textile Sector: A Comparative Case Study Analysis of Kantha stitch and Dhaniakhali Sarees in West Bengal, India” in the International Conference on Management and Business Practices organized by Department of Management and Business Administration, Aliah University.
- 10.03.2023–10.03.2023. Delivered an invited lecture on “Qualitative Research Design” in the Ten-day National Workshop organized by A K Dasgupta Center for Planning and Development, A Centre by NITI AAYOG, GoI.

Sasmita Patel

- 14.4.2022-15.4.2022. Presented a paper titled “Mysore Marriage- An Evil Practice: Reflections From a Few Cases”, in the National Seminar on “The Legacy of Dr. B.R. Ambedkar and Savitribai Phule in Women Empowerment” organized by SC, ST, OBC Employees Welfare Association of Visva-Bharati.
- 15.12.2022-17.12.2022. Presented paper titled “Does Climate Change Reinforce Child Marriage? Understanding the Crux from Different Cases” (online) at the 10th (ISWC) Indian Social Work Congress held on the theme “Green Social Work: Response to Climate Change and Environmental Issues” at BPHE Society's CSRD-Institute of Social Work and Research, Ahmednagar, India.

Subhashree Sanyal

- 24.01.2023-25-01.2023. Presented a joint paper titled “E-Business During COVID: A Ray of Survival” in the 2nd International Conference on Entrepreneurship Development: Opportunities & Challenges organized by Department of Lifelong Learning and Extension, Visva-Bharati, India & School of Business Claflin University, USA.
- 24.01.2023-25-01.2023. Presented a joint paper titled “Livelihood Alternatives among Patachitra Artisan Communities” in the 2nd International Conference on Entrepreneurship Development: Opportunities & Challenges organized by Department of Lifelong Learning and Extension, Visva-Bharati, India & School of Business Claflin University, USA.
- 10.02.2023. Attended Faculty Development Programme on Multivariate Regression and R Programming organized by Management Development Institute (MDI) Murshidabad .
- 19.03.2023. Delivered a lecture as Resource person in 7days / Short Term Course of Gender Sensitization at UGC HRDC Ranchi University.

Sukumar Pal

- 29.03.23-30.03.23. Presented a paper titled “Whether Gender Equality in Education: A Study of West-Bengal” in a two-day national seminar on *Inclusive Society for a Sustainable Future* organized by Alia University, sponsored by ICSSR.
- 22.03.23. Presented a paper titled “Inequality in Education and Employment of Women: A Study of Birbhum District, West-Bengal” in a International Seminar on *Dialogue on Human Rights: A Reflection of Contemporary Society* organized by Department of Education, Jadavpur University.
- 24.03.23-25.03.23. Presented a paper titled “Trends and Challenges of Women Entrepreneurs: A Study of SHGs and Cooperatives in West-Bengal, India” in an international seminar on *Entrepreneurship Development: Opportunities and Challenges* organized by Department of Lifelong Learning and Education, Visva-Bharati and School of Business, Claflin University, USA.
- 10.01.23-11.01.23. Presented a paper titled “Assessing the Impact of Cultural Heritage on Sustainable Indigenous Tourism: A Study of the Sonajhuri Hat, Santiniketan” in an International Conference on *Management and Business*

Chapter-2

Practices-ICMBP 2023, organized jointly by Department of Management and Business Administration, Alia University sponsored by ICSSR.

- 14.04.22-15.04.22. Presented a paper titled “Dilution of Atrocities Act” in a seminar on The Legacy of Dr. B.R. Ambedkar and Savitribai Phule in Women Empowerment organized by SC, ST, OBC Employees Welfare Association of Visva-Bharati.
- 27.08.22. Invited as Guest speaker in an orientation programme for Academic Counsellors and Dissertation Guides for MSW at Durgapur Regional Centre organized by Netaji Open University, Kolkata.
- 17.08.22. Invited as speaker for a online workshop on Research Methodology for Social Work Research: Its Steps and Processes organized by Netaji Open University, Kolkata.

Sudeshna Saha

- 24.01.2023-25-01.2023. Presented a paper titled “Role of Corporate Social Responsibility in promoting Women Entrepreneurship in India” organized by Department of Lifelong Learning and Extension, Visva-Bharati, India & School of Business Claflin University, USA.
- 14.04.2022 - 15.04. 2022. Presented a paper titled “Ambedkar: The Multifaceted Genius in the field on Economics” in National Conference on the legacy of Dr B.R Ambedkar and Savitri Phule In Women Empowerment to Commemorate The 131th Birth Anniversary of Dr B. R. Ambedkar as organized by SC, ST, OBC Employees’ Welfare Association of Visva-Bharati.
- 14.11.2022-25.11.2022. Attended a Faculty Development Programme (FDP) on “Entrepreneurship Development” organized by National Institute for Micro, Small and Medium Enterprises, Hyderabad.
- 05-09-22-09-09-22. Participated in online workshop of Shikshak Parv on topic “NEP2020 and Science Education: Changing Role of Teachers” organized by Human Resource Development Centre at JNU, New Delhi.
- 29.08.22-30.08.2022. Participated in two day online International workshop on “Qualitative Research” organized by S.R.M College of Social Work and Brisbane Institute of Strength Based Practice Australia.
- 11.07.2022-18.07.2022. Attended an Online Faculty Development Programme on “Academic Writing and Publishing”, organized by Department of Social Work,

Rajagiri College of Social Sciences (Autonomous) under the scheme for Trans-Disciplinary Research for India's Developing Economy (STRIDE) of MG University, Kottayam.

- 30.06.2022. Attended an Online Workshop in pursuance of National Education Policy (NEP 2020) on the topic "Multiple Entry & Exit", organized by UGC-HRDC, Jawaharlal Nehru University, New Delhi.
- 23.03.2023. Invited as a Speaker to deliver lecture on "Feminist Movements in India: Perspective from Social Work on the occasion of World Social Work Week" organized by Indian Society of Professional Social Work (ISPSW).
- 07.08.2022. Invited as Speaker to deliver lecture on "Health Issues in Women and Child in view of Breast Feeding during Covid-19 in a webinar under Mission Shakti Phase-IV" organized by Women Grievance and Welfare Cell and Centre for Women's Studies, Dr Rammanohar Lohia, Avadh University, Ayodhya, U.P.

Neelmani Jaysawal

- 24.03.2023-25.03.2023. Presented a Paper titled "Role of Co-operatives in Economic Empowerment of Women" in the 2nd International Conference on Entrepreneurship Development, jointly organized by Department of Lifelong Learning and Extension, Visva-Bharati and School of Business, Claflin University, USA.
- 07.12.2022-08.12.2022. Presented a Joint Paper titled "Disaster and Vulnerability of Inter-State Migrants: A Study of COVID-19 Pandemic and Kerala Flood" in De Novo 2022 International Social Work Conference jointly organized by School of Social Work, De Paul Institute of Science & Technology, Angamaly and School of Social & Human Services at James Cook University, Australia.
- 14.04.2022-15.04.2022. Presented a Paper titled "Role of NGOs in Women Empowerment-A Review" in the National Virtual Conference on "The Legacy of Dr. B.R. Ambedkar and Savitribai Phule in Women Empowerment" in commemoration of the 131st Birth Anniversary of Dr. B. R. Ambedkar, organized by SC, ST, OBC Employees Welfare Association of Visva-Bharati.
- 14.11.2022-25.11.2022. Attended a Faculty Development Programme (FDP) on Entrepreneurship Development, organized by National Institute for Micro, Small and Medium Enterprises, Hyderabad.

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- 05.09.2022-09.09.2022. Attended a Five-Days Online Workshop on the occasion of “Shikshak Parv”, organized by UGC-HRDC, Jawaharlal Nehru University, New Delhi.
- 29.08.2022-30.08.2022. Attended a Two-Days International Online Workshop on Qualitative Research, organized by Matru Sewa Sangh Institute of Social Work, Nagpur, S.R.M. College of Social Work, Chandrapur and Brisbane Institute of Strength based Practice, Australia
- 04.08.2022-05.08.2022. Attended a National Workshop (virtual) on “Social Responsibility and Community Engagement in Higher Education Institutions: Policies and Practices”, organized by Department of Educational Policy, National Institute of Educational Planning and Administration (NIEPA), New Delhi.
- 11.07.2022-18.07.2022. Attended an Online Faculty Development Programme on “Academic Writing and Publishing”, organized by Department of Social Work, Rajagiri College of Social Sciences (Autonomous) under the scheme for Trans-Disciplinary Research for India’s Developing Economy (STRIDE) of MG University, Kottayam.
- 30.06.2022. Attended an Online Workshop in pursuance of National Education Policy (NEP 2020) on the topic “Multiple Entry & Exit”, organized by UGC-HRDC, Jawaharlal Nehru University, New Delhi.
- 24.06.2022. Attended an Online Workshop in pursuance of National Education Policy (NEP 2020) on the topic “Educational Framework for Global Citizenship in Higher Education”, organized by UGC-HRDC, Jawaharlal Nehru University, New Delhi.
- 11.05.2022-12.05.2022. Attended a Two-Day online International Workshop on Structural Approaches in Social Work Education and Practice, organized by Department of Social Work, Rajiv Gandhi National Institute of Youth Development (RGNIYD), Sriperumbudur, Tamilnadu.

Research Scholars

Ajanta Sarkar

- 10.01.2023-11.01.2023. Presented a paper entitled “Social inclusion via digitization drive in India”, in 5th International Conference on Management and Business Practices (ICMBP), theme: Digital India-A transformative platform in achieving

SDGs, organized by Indian Council of Social Sciences and Research (ICSSR), Aliah University, Kolkata.

- 15.12.2022-17.12.2022. Presented a paper entitled “Skill education and employment gap among tribal women in rural Bengal”, in 9th Indian Social Work Congress on “Green Social Work: Response to climate change and environmental issues” organized by National Association of professional Social workers in India (NAPSWI).
- 29.11.2022-01.12.2022. Presented a paper entitled “Impact of Marriage Migration on Marginalized Women’s Higher Education in Rural West Bengal, India”, in 9th ICSD Asia Pacific Biennial Conference on “Sustainable Development Efforts in Times of Crisis”, organized by International Consortium for social development-Asia Pacific branch at Thammasat University, Thailand.
- 14.04.2022-15.04. 2022. Presented a paper entitled “Exclusion of Dalit Girls in Education: An Indian Perspective”, in national conference on “The legacy of Dr.B.R.Ambedkar and Savitribai Phule in Women Empowerment” organized by SC,ST,OBC Employees Welfare Association of Visva-Bharati.

Anupam Debnath

- 24.03.2023-25.03.2023. Presented a paper entitled “A Qualitative Study of the Usages of Digital Applications among Women Entrepreneurs of Handicrafts Industry at Santiniketan of Birbhum District” in the International Conference on Entrepreneurship Development: Opportunities and Challenges organized by the Department of Lifelong Learning and Extension, Visva-Bharati and School of Business, Claflin University, USA.
- 10.01.2023-11.01.2023. Presented a paper entitled “Digital Resilience among Baluchari Weavers during COVID-19: A Qualitative Study of Handloom Industry” in the International Seminar on Management and Business Practice- ICMBP 2023, organized by the Department of Management and Business Administration, Aliah University, Kolkata.
- 29.11.2022-01.12.2022. Presented a paper entitled “Lived Experiences of Interstate Migrant Workers during COVID-19 Lockdown: An Oral History in West Bengal” in the International Seminar on Sustainable Development Efforts in Times of Crises organized by International Consortium for Social Development-Asia Pacific at Thammasat University, Thailand.

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- 29.11.2022-01.12.2022. Presented a paper entitled “Exploring the Challenging Experiences of Parents of Autistic Children in Bankura District: A Thematic Analysis” in the International Seminar on Sustainable Development Efforts in Times of Crises organized by International Consortium for Social Development-Asia Pacific at Thammasat University, Thailand.
- 14.04.2022-15.04.2022. Presented a paper entitled “Understanding Liberation of Women for Gender Equality Through the Lens of Dr. B. R. Ambedkar” in the National Seminar on The Legacy of Dr. B.R. Ambedkar and Savitribai Phule in Women Empowerment in commemoration of the 131st Birth Anniversary of Dr. B. R. Ambedkar organized by SC, ST, OBC Employees Welfare Association of Visva-Bharati at Santiniketan Birbhum, West Bengal.

Gargi Saha

- 24.03.2023–25.03.2023. Presented a Paper entitled “A Qualitative Study of the usage of Digital Applications among Women Entrepreneurs of Handicraft Industry at Santiniketan of Birbhum District” in the International Conference on Entrepreneurship Development: Opportunities & Challenges organized by the Department of Lifelong Learning and Extension, Visva-Bharati & School of Business, Claflin University, USA.
- 10.01.2023–11.01.2023. Presented a Paper entitledof presentation “The role of Technology-based media platforms in Family Violence: Literature and brief Case Studies” in International Conference on Management and Business Practices ICMBP 2023 organized by Department of Management & Business Administration, Aliah University.

Jennykrishnan. M.U

- 07.12.2022 – 08.12.2022. Presented a paper entitled “Disaster and Vulnerability of inter-state migrants: A study of Covid-19 pandemic and Kerala flood” at the De Novo 2022 International social work Conference jointly organized by the school of social work, De Paul institute of science &Technology (DiST) and the School of Social & Human Services at James Cook University (JCU) Australia.

Kheyali Roy

- 24.03.2023–25.03. 2023. Presented a joint paper entitled “E-Business During COVID: A Ray of Survival” in the 2nd International Conference on Entrepreneurship Development: Opportunities & Challenges organized by Department of Lifelong Learning and Extension, Visva-Bharati, India & School of Business Claflin University, USA.
- 15.12.2022-17.12.2022. Presented a joint paper entitled “Economic Impact of Disaster `YAAS`: A case study of the coastal areas in Odisha” in the 1^{0th} Indian Social Work Congress 2020 on “Green Social Work: Response to Climate Change and Environmental Issues” jointly organized by Centre for Studies in Rural Development - Institute of Social Work and Research (CSRD – ISWR) and National Association of Professional Social Workers in India (NAPSWI) at BPHE Society’s Centre for Studies in Rural Development Institute of Social Work and Research (CSRD – ISWR).
- 29.11.2022-01.12.2022. Presented a paper entitled Reproductive Healthcare Practices among adolescent school girls: An Exploratory Study in Jamuhar, Bihar, India" in the 9th International Consortium for Social Development Asia Pacific Biennial Conference on “Sustainable Development Efforts in Times of Crises in the 9th International Consortium for Social Development Asia Pacific Biennial Conference on “Sustainable Development Efforts in Times of Crises” organized by School of Global Studies, Thammasat University.
- 25.05.22-27.05.22. Presented a joint paper entitled "Women with Disability: A Feminist Perspective" in the WSWS2022 5th International Conference on “Co-Building a New Eco-Friendly World: Leave No One Behind (Achieving Community Resilience &SDGs)” organized by The People’s University of Bangladesh, Dhaka, Bangladesh and Community Social Work Practice & Development Foundation (CSWPDF).
- 21.04.22- 23.04.22 Presented a joint paper entitled "Disparities between Knowledge and Utilization of Reproductive Healthcare Services among Adolescents in Slums of Balasore, Odisha" in the 19th Samanwaya International Conference and Social Work Student Meet (Hybrid) on “Child Rights Emergency During Pandemic and New Normal” organized by Department of Social Work, BCM College, Kottayam, Kerala, India.

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- 14.04.2022-15.04.2022. Presented a joint paper entitled "Digital Promotion of Reproductive Healthcare Services: Essential or Optional" in the Virtual National Conference on The Legacy of Dr. B. R. Ambedkar and Savitribai Phule in Women Empowerment organized by SC, ST, OBC Employees Welfare Association of Visva-Bharati.

Masadul Islam

- 29.03.2023-30.03.2023. Presented a paper entitled “Alcohol Dependence and Sexual Dysfunction in Males: A Study of Murshidabad District of West Bengal” in the National Seminar on Inclusive Society for Sustainable Future , organized by the Department of Education, Aliah University, Kolkata, West Bengal

Mithun Mandal

- 20.03.23-22.03.23. Presented at the 14 Eurasia Forum of social workers “The role of social work in the current context”, the Vietnam Women's Academy in collaboration with the Russian Union of Social Workers and Social Pedagogues (SSOPiR) and Korean Association of Social Workers (KASW), organized by the Eurasia Forum, Vietnam Women's Academy, Hanoi, Vietnam.
- 29.11.2022-01.12.2022. Presented at the “9th ICSD Asia Pacific Biennial Conference on Sustainable Development Efforts in Times of Crises”ICSD AP Branch & School of Global Studies, Thammasat University, Thailand.
- 14.04.2022-15.04.2022. Presented at the Virtual National Conference on “The Legacy of Dr. B.R. Ambedkar and Savitribai Phule in Women Empowerment” organized by SC, ST, OBC, Employees Welfare Association of Visva – Bharati.

Payel De

- 29.11.2022-01.12.2022. Presented a paper entitled "Analysing Trends and Patterns of Stress Among the Unorganized Workers in West Bengal, India" at the International Conference on "Sustainable Development Efforts in Times of Crises" organized by the 9th International Consortium for Social Development (ICSD)-Asia Pacific Biennial Conference Committee at Thammasat University, Thailand, via Zoom.

Santanu Kundu

- 10.01.2023-11.01.2023. Presented a paper entitled “Digital Resilience among Baluchari Weavers during COVID-19: A Qualitative Study of Handloom Industry” in the International Seminar on Management and Business Practice- ICMBP 2023, organized by the Department of Management and Business Administration, Aliah University, Kolkata.
- 29.11.2022-01.12.2022. Presented a paper entitled “Exploring the Challenging Experiences of Parents of Autistic Children in Bankura District: A Thematic Analysis” in the International Seminar on Sustainable Development Efforts in Times of Crises organized by International Consortium for Social Development-Asia Pacific at Thammasat University, Thailand.
- 29.11.2022-01.12.2022. Presented a paper entitled “Lived Experiences of Inter-state Migrant Workers during COVID-19 Lockdown: An Oral History in West Bengal” in the International Seminar on Sustainable Development Efforts in Times of Crises organized by International Consortium for Social Development-Asia Pacific at Thammasat University, Thailand.
- 14.04.2022-15.04.2022. Presented a paper entitled “Ambedkar on Women’s Empowerment in India” in the National Seminar on The Legacy of Dr. B.R. Ambedkar and Savitribai Phule in Women Empowerment in commemoration of the 131st Birth Anniversary of Dr. B. R. Ambedkar organized by SC, ST, OBC Employees Welfare Association of Visva-Bharati at Santiniketan, Birbhum, West Bengal.

Shaurya Prakash

- 24.03.2023–25.03.2023. Presented a joint paper entitled “E-Business During COVID: A Ray of Survival” in the 2nd International Conference on Entrepreneurship Development: Opportunities & Challenges organized by Department of Lifelong Learning and Extension, Visva-Bharati, India & School of Business Claflin University, USA.
- 15.12.2022-17.12.2022. Presented a joint paper entitled “Economic Impact of Disaster ‘YAAS’: A case study of the coastal areas in Odisha” in the 1^{0th} Indian Social Work Congress 2020 on “Green Social Work: Response to Climate Change and Environmental Issues” jointly organized by Centre for Studies in Rural Development - Institute of Social Work and Research (CSR – ISWR) and

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National Association of Professional Social Workers in India (NAPSWI) at BPHE Society's Centre for Studies in Rural Development Institute of Social Work and Research (CSRD – ISWR).

- 29.11.2022-01.12. 2022. Presented a paper entitled "Identifying Occupational Stressors Among Unorganized Sectors with Particular Reference to Street Vendors in Rohtas, Bihar, India" in the 9th International Consortium for Social Development Asia Pacific Biennial Conference on "Sustainable Development Efforts in Times of Crises" organized by School of Global Studies, Thammasat University.
- 25.05.22-27.05.22. Presented a joint paper entitled "Women with Disability: A Feminist Perspective" in the WSWS2022 5th International Conference on "Co-Building a New Eco-Friendly World: Leave No One Behind (Achieving Community Resilience & SDGs)" organized by The People's University of Bangladesh, Dhaka, Bangladesh and Community Social Work Practice & Development Foundation (CSWPDF).
- 21.04.22-23.04.22. Presented a joint paper entitled "Disparities between Knowledge and Utilization of Reproductive Healthcare Services among Adolescents in Slums of Balasore, Odisha" in the 19th Samanwaya International Conference and Social Work Student Meet (Hybrid) on "Child Rights Emergency During Pandemic and New Normal" organized by Department of Social Work, BCM College, Kottayam, Kerala, India.
- 14.04.2022-15.04.2022. Presented a joint paper entitled "Digital Promotion of Reproductive Healthcare Services: Essential or Optional" in the Virtual National Conference on The Legacy of Dr. B. R. Ambedkar and Savitribai Phule in Women Empowerment organized by SC, ST, OBC Employees Welfare Association of Visva-Bharati

Designing New Course/Curriculum or any other teaching innovations introduced by the Department.

The Department of Social Work is in the process of preparation and redesigning the UG, PG, PhD and PG Diploma Curriculum. The NEP Guidelines and PhD New Ordinance of UGC is being followed while restructuring the curriculum.

Ongoing Research Projects in the Department:

Prasanta Kumar Ghosh (Director) & Paramita Roy (Co Director)

- MGNCRE Major Action Research Project 2022
- Title: Rural Engagement of Academic Institutions in West Bengal
- Date of Commencement: 01.09.22
- Sponsoring Agency – Mahatma Gandhi National Council of Rural Education (MGNCRE)
- Budget Approved – Rs.7,42,500

Subhashree Sanyal (Co Investigator)

- Title Assessing the Scope of Digital Entrepreneurship using Intangible Cultural Heritage in Post-Pandemic Recovery of Tourism: A study of Women Entrepreneurs of Sonajhuri Haat in Bolpur-Sriniketan, West Bengal
- Sponsoring Agency- AKD Dasgupta Centre for Planning and Development Visva-Bharati (under Niti Ayog; Government of India) 2022-23
- Budget Approved – INR 50,000

Extension activities/NSS/Cultural and other activities organized by the Department and participated by the Teachers and students of the Department:

- 01.04.2022-06.04.2022. Department of Social Work organized a rural community immersion programme for the students of BSW Semester-I and MSW Semester-I.
- 01.05.2022-11.05.2022. Department of Social Work organized a rural community immersion programme for the students of BSW semester-VI and MSW semester-IV.
- 24.02.23-25.02.23. The Department of Social Work organized 17th reunion meet. The faculties, staff and students actively participated in the program to turn the event into a grand success. Ex-students of the Department joined in large numbers and got to interact with the current batch of students through knowledge sharing and fruitful discussion that continued both the days. The ex-students got a platform for experience-sharing that helped the present students in gaining several valuable information and both the groups got benefitted out of the same.

**Academic distinctions gained by Teachers/ Scholars or the Department as a whole
(Like recognition as D.S.A. or C.A.S. etc.):**

- Dr Madhura Chakraborty received the ICSSR Post-Doctoral Fellowship for 2 years w.e.f. 15.12.2022. ‘Study entitled A Study of Well Being for Girl Child Residing in Childcare Institutions of West Bengal, India’.
- Debarati Sarkar was awarded Ph.D. degree on “Menstrual Practice and Environmental Issues: An Exploratory Study on Awareness among School-Going Adolescent Girls in South Bengal” under the supervision of Prof Asok Kumar Sarkar.
- Subrata Das was awarded Ph.D. degree for the thesis entitled “Influence of Welfare Measures on Motivation of Mining Workers: A study of Eastern Coalfields Limited” under the supervision of Prof. Debotosh Sinha.
- Arkita Pal awarded Ph.D. degree for the thesis entitled “Non Suicidal Self Injury and Family Environment among College Students” under the supervision of Dr Paramita Roy.
- Aruna Singh was awarded Ph.D. degree for the thesis entitled “Relapse among Substance Abusers: A Study in Selected Drug De-addiction and Rehabilitation Centres of West Bengal” under the supervision of Prof Debotosh Sinha.
- Sunil Prasad was awarded Ph.D. degree for the thesis entitled “Livelihood Sustainability of Rural Artisans- A Study on Patachitrkars in South Bengal” under the supervision of Dr. Subhashree Sanyal.
- Shreya Chatterjee was awarded Ph.D. degree for the thesis entitled “Children in Urban Slums of Kolkata: A study of Socio economic Vulnerabilities” under the supervision of Dr Subhashree Sanyal.
- Sudipta Biswas was awarded Ph.D. degree for the thesis entitled Socio Economic Development of Lodha Tribe in West Bengal: A study of ‘Nijo Griha Nijo Bhumi’ Programme in the context of Landlessness under the supervision of Dr. Sukumar Pal.

Departmental Publication:

1. **Journal of Social Work and Social Development** (peer reviewed & UGC-CARE Listed), Vol 13 Nos. 1 & 2 (June, 2022 and December, 2022), ISSN 2229-6468
Editor: Prof. Prasanta Kumar Ghosh
Associate Editor: Dr. Paramita Roy

Publisher: Department of Social Work, Visva-Bharati

2. Placement Brochure, 2022-23 (45-page volume)

Printed & Published by – PG Students, Department of Social Work, Visva-Bharati

Faculty Publications

Prasanta Kumar Ghosh

- De, P. & Ghosh, P. K. (2022). Social Determinants of Health Among Unorganized Workers in India. *International Journal of Multidisciplinary Innovative Research*, 2(3), 56-61.

Paramita Roy

- Mukherjee, S. & Roy, P. (2023). Online Marketing in the Textile Sector: A Comparative Case Study Analysis of Kantha stitch and Dhaniakhali Sarees in West Bengal, India, *Third Concept*, 36(12), 154- 158.
- Audhya, P., Roy, P., Bhattacharya, D. & Das, B. (2023). Knowledge, Attitude and Practice of Caregivers of Persons with Chronic Mental Illness about Tele mental Health and Tele-psychiatry: An Observational Study in Tertiary Mental Health Facility. *Third Concept*, 36(12), 38-44.
- Pal, A. & Roy, P. (2022). Non-suicidal Self Injury and Family Environment: Brief Case Report, *Journal of Psychosocial Research*, 17(1), 15-21.
- Pal, A. & Roy, P. (2022). Nonsuicidal Self Injury and Family Environment among College Students in Kolkata: Mixed Method Explanatory Sequential Design. *Journal of Mental Health and Human Behaviour*, 27(2), 105-112.
- Jajodia, P. & Roy, P. (2022). Sibling Issues in Disability: A Thematic Analysis of Sibling, Parent and Expert Perspectives. *International Journal of Disability, Development and Education*, DOI:10.1080/1034912X.2022.2060948.
- Garai, M. & Roy, P. (2022). An Analysis of Health Services Delivery in Anwesha Clinics in Birbhum District, West Bengal. *Journal of Social Work and Social Development*, 13(2), 103-117.
- Audhya, P., Roy, P. & Bhattacharya, D. (2023). A study on the Psycho-Social Issues of Middle Aged Women in Conflict-with-Law, In Dhar, A. & Mitra, P. (Eds) *Facts and Artifacts of the Society*, Published by Indian Society of Professional Social Work, NIMHANS Bangalore (142-169).

Chapter-2

- Das, M. & Roy, P. (2022). Challenges to Food Security in the Geriatric Population: A Critical Study on the Causes of Starvation as an Existing trend in Balangir District, Odisha. In Roy, P., Sanyal, S. & Patel, S. (eds). *The Elderly in India, A Collection of Selected Writings*. New Delhi: Alternotes Publications.

Sasmita Patel

- Patel, S. & Lepcha, A. (2023). Organic Farming and Sustainable Agriculture Harmonizing Ecological Conservation: The Lepcha Indigenous Perspective, *DogoRangsang Research Journal*, 13(2), 178-184; DOI: 10.36893.DRSR.2023.V13I03N05.178-184
- Marandi, S., & Patel, S. (2022). Seasonal Migration and Its Influence on Children's Education: A Study from the Select Village from the Santhal Pargana of Jharkhand, *International Journal of Research and Review*, 9(10), 510-522; DOI: <https://doi.org/10.52403/ijrr.20221057>
- Patel, S., & Padhiary, S. (2022). Social Entrepreneurship for Sustainable Development: A Paradigm of Social Work Intervention During the Covid-19 Crisis, *EPRA International Journal of Multidisciplinary Research*, 8(8), 72-82, DOI: <https://doi.org/10.36713/epra10976>.

Subhashree Sanyal

- Sanyal, S., Ghosh, S., & Prakash, S. (2022). A Strategic Analysis of River-Water Conflict in India: A Case Study Approach, *Social Work Chronicle*, 11(1), 47-59.
- Prakash, S., Sanyal, S., & Roy, K. (2023). Stress and Burnout among Working Women: A Study of Female Faculty Members of Visva-Bharati University West Bengal, *Indian Journal of Health Social Work*, 4(1), 29-40.
- Chatterjee S., Sanyal, S. (2023). Availability of Health Infrastructure and Accessibility to Health Services in the Urban Slums of Kolkata: A Contextual Exploration, *Indian Journal of Health Social Work*, 4(1), 09-18.
- Roy, P. Sanyal, S & Patel S (Eds) *The Elderly Care in India: A Collection of Selected Writings*, Alternotes Press India (Edited Book).
- Bhatt, Sanjai, and Subhashree Sanyal, (2023). The Child Protection System in India: An Overview, In Jill Duerr Berrick, Neil Gilbert, and Marit Skivenes (eds), *Oxford Handbook of Child Protection Systems*, Oxford Academic, <https://doi.org/10.1093/oxfordhb/9780197503546.013.32>

Sukumar Pal

- Pal, S., Mitra Thakur, S. Gupta, B. (2022). Child Sexual Abuse in India and POCSO Act: An analysis. In Sinha, D. Pal, S. & N. Jaysawal (Eds.), *Prevention of Violence against Children: Challenges and Opportunities* (pp 92-99).
- Bakshi, A., Pal, S. & Sinha, R. (2023). Assessing the Impact of Cultural Heritage on Sustainable Indigenous Tourism at Sonajhuri Haat, Santiniketan, *Third Concept*, 26 (432), 126-134.
- Pal, S., Alam, Md N., Das, S., Bakshi, S , & Bhul, M. (2022). Role of Soft-HRM and Green HRM Practices in between Job from Home and Job Performance during the C-19 Lockdown Crisis: Moderating Role of Servant Leadership and Employee Value Proposition, *International Journal of Research and Cultural Society*, 6(11), 63-77.
- Pal, S., Sinha, D., & Biswas, S. (2022). Elderly: Their Problems and Legislative Initiatives Exploring Areas of Social Work Intervention, In Dutta, S and R. Rajendra (Eds), *Old Age Population in India: Issues, Programme, Policies and Social Work Intervention*, (pp 123-132), New Delhi, Concept Publishing Company.
- Pal, S. Jaysawal, N. Kundu, S. & Bhattacharya, B (2022) Impact of Covid 19 on Indian Agriculture, (pp 173-184), In Mondal, B. & Bordolui, (Eds.) *Emerging Trends in Agriculture: Prospects and Opportunities*, Renu Publications.

Sudeshna Saha

- Jaysawal, N. & Saha, S. (2023). Higher Education in India-Challenges and Remedies. *International Journal of Scientific Research and Reviews*, 12(1), 44-62.
- Jaysawal, N. & Saha, S. (2023). Role of education in women empowerment. *International Journal of Applied Research*, 9(4), 8-13, DOI: 10.22271/allresearch.2023.v9.i4a.10710.
- Jaysawal, N. & Saha, S. (2023). Feminism, Education and Gender Equality-A Review. *EPRA International Journal of Multidisciplinary Research*, 9(2), 241-246, DOI: 10.36713/epra12444.
- Jaysawal, N. & Saha, S. (2022). COVID-19 and Spiritual well-being: Implications for Social Work. *Journal of Religion & Spirituality in Social Work: Social Thought*, (Routledge), DOI: <https://doi.org/10.1080/15426432.2022.2127391>.

Chapter-2

- Jaysawal, N. & Saha, S. (2022). Upsurge of women's participation in their empowerment: A glimpse. *International Journal of Humanities and Social Science Research*, 8(5), 42-48.
- Jaysawal, N. & Saha, S. (2022). Impact of Women's Education on their Health Conditions-An Overview. *International Journal of Advanced Multidisciplinary Research*, 9(9), 68-78, DOI: <http://dx.doi.org/10.22192/ijamr.2022.09.09.007>.
- Jaysawal, N. & Saha, S. (2022). Education: A Tool for Transformation in Status of Women. In R. Baikady, S. Sajid, V. Nadesan, J. Przeperski, M.R. Islam, J. Gao (Eds.), *The Palgrave Handbook of Global Social Change*. Palgrave Macmillan, Cham, doi: https://doi.org/10.1007/978-3-030-87624-1_9-1.

Neelmani Jaysawal

- Jaysawal, N. & Saha, S. (2023). Higher Education in India-Challenges and Remedies. *International Journal of Scientific Research and Reviews*, 12(1), 44-62.
- Jaysawal, N. & Saha, S. (2023). Role of education in women empowerment. *International Journal of Applied Research*, 9(4), 8-13, DOI: 10.22271/allresearch.2023.v9.i4a.10710.
- Jaysawal, N. & Saha, S. (2023). Feminism, Education and Gender Equality-A Review. *EPRA International Journal of Multidisciplinary Research*, 9(2), 241-246, DOI: 10.36713/epra12444.
- Jaysawal, N. & Saha, S. (2022). COVID-19 and Spiritual well-being: Implications for Social Work. *Journal of Religion & Spirituality in Social Work: Social Thought*, (Routledge), DOI: <https://doi.org/10.1080/15426432.2022.2127391>.
- Jaysawal, N. & Saha, S. (2022). Upsurge of women's participation in their empowerment: A glimpse. *International Journal of Humanities and Social Science Research*, 8(5), 42-48.
- Jaysawal, N. & Saha, S. (2022). Impact of Women's Education on their Health Conditions-An Overview. *International Journal of Advanced Multidisciplinary Research*, 9(9), 68-78, DOI: <http://dx.doi.org/10.22192/ijamr.2022.09.09.007>.
- Jaysawal, N. & Saha, S. (2022). Education: A Tool for Transformation in Status of Women. In R. Baikady, S. Sajid, V. Nadesan, J. Przeperski, M.R. Islam, J. Gao (Eds.), *The Palgrave Handbook of Global Social Change*. Palgrave Macmillan, Cham, doi: https://doi.org/10.1007/978-3-030-87624-1_9-1.

- Pal, S., Jaysawal, N., Kundu, S., & Bhattacharya, B. (2022). Impact of COVID-19 on Indian Agriculture. In B. Mondal, S.K. Bordolui, & S. Santra (Eds.), *Emerging Trends in Agriculture: Prospects and Opportunities* (pp. 173-184). New Delhi: Renu Publishers, doi: 10.30954/NDP-Emerging.16.

Firdous Barbhuiya

- Barbhuiya, F. & Jaswal, S. (2022). Understanding Treatment Delay among Tobacco-related Cancer Patients in Assam. *Indian Journal of Social Work*, 83(3), 343-366. DOI:10.32444/IJSW.2022.83.3.343-366
- Barbhuiya, F. (2022). Causal health attributes and beliefs of tobacco-related cancer patients in Assam, India. *Journal of Psychosocial Oncology*, 40(2), 215-233. <https://doi.org/10.1080/07347332.2021.1899354>.

Research Scholars' Publications

Ajanta Sarkar

- Sarkar, A., & Ghosh, T. (2023). Social inclusion via digitization drive in India. *The Third Concept: An International Journal of Ideas*, 36(432), 78-81.
- Sarkar, A. (2022). The gap between higher education and empowerment among marginalised muslim women in rural Birbhum, West Bengal, India. *International Journal of Multidisciplinary Innovative Research (IJMIR)*, 2(3), 1-13.
- Sarkar, A. (2022). Understanding the factors of dalit girl's exclusion in education. *Indian Journal of Sustainable Development*, 8(1), 30-38.
- Sarkar, A., & Ghosh, P. K. (2022). The impact of Covid-19 on girl's education: A study from the schools of Bolpur, Birbhum, West Bengal. *South Asian Journal of Participative Development (SAJPD)*, 22(2), 14-29.

Anupam Debnath

- Kundu, S., Debnath, A., & Rajak, M. (2023). Digital Resilience among Baluchari Weavers of Bishnupur during COVID-19. *Third Concept*, 36 (432), 121-125.

Gargi Saha

- Saha, G., & Pal, A. (2023). The role of Technology-based media platforms in Family Violence: Literature and brief Case Studies. *Third Concept*, 36(432), 101-104.

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- Saha, G. (2022). Review of the book *Women's human rights: a social psychological perspective on resistance, liberation and justice* edited by S. Grabe]. The Journal of Social Work & Social Development 13(01), 119122. <https://drive.google.com/file/d/1nGffdP9bzL44wutWpSsXjxY9fATnnmtd/view>.

Kheyali Roy

- Prakash, S., Sanyal, S., & Roy, K. (2023). Stress and Burnout among Working Women: A Study of Female Faculty Members of Visva-Bharati University West Bengal, *Indian Journal of Health Social Work*, 4(1), 29-40.
- Roy, K., & Prakash, S. (2022). Geriatric Depression: Exploring the Prevalence Among Elderly in an Old Age Home in Bolpur, West Bengal, In Roy, P., Sanyal, S. & Patel, S. (eds.) *The Elderly in India: A Collection of Selected Writings*, pp 103-114, Alternotes Press.
- Roy, K., & Prakash, S. (2022). Digital Divide and Online Learning: A Study of School Going Students in Bolpur, *Educere – BCM Journal of Social Work*, 17(2), pp 122-137.
- Prakash, S., & Roy, K. (2022). E-Social Work: The Fourth Industrial Revolution. *Adhyayan: A Journal of Management Sciences*, 12(2), 37-39.

Mithun Mandal

- Mondal, M. (2023). Maternal and Newborn Health Care Services During COVID-19 Pandemic in Urban Slums of Kolkata. *International Journal of Current Science*. 13(1). 2250 – 1770.
- Mondal, M. (2022). Utilization of Maternal Health Care Services: A Study Among Slums Dwelling Women in Kolkata Metropolitan. *International Journal of Creative Research Thoughts*. 10(1), 2320 – 2882.

Payel De

- De, P., & Ghosh, P. K. (2022). Social Determinants of Health Among Unorganized Workers in India. *International Journal of Multidisciplinary Innovative Research*, 2(3), 56–61.

Santanu Kundu

- Kundu, S., Debnath, A., & Rajak, M. (2023). Digital Resilience among Baluchari Weavers of Bishnupur during COVID-19. *Third Concept*, 36(432), 121-125.
- Kundu, S., Pal, S., & Baksi, A. K. (2022). Violence against Women and Children in Disruptive Environment with Special Reference to COVID-19: Some Insights for Social Work Professionals. *South Asian Journal of Participative Development*, 22(2), 183-209.

Shrauya Prakash

- Prakash, S., Sanyal, S., & Roy, K. (2023). Stress and Burnout among Working Women: A Study of Female Faculty Members of Visva-Bharati University West Bengal, *Indian Journal of Health Social Work*, 4(1), 29-40.
- Roy, K., & Prakash, S. (2022). Geriatric Depression: Exploring the Prevalence Among Elderly in an Old Age Home in Bolpur, West Bengal, In Roy, P., Sanyal, S. & Patel, S. (eds.) *The Elderly in India: A Collection of Selected Writings*, pp 103-114, Alternotes Press.
- Roy, K., & Prakash, S. (2022). Digital Divide and Online Learning: A Study of School Going Students in Bolpur, *Educere – BCM Journal of Social Work*, 17(2), pp 122-137.
- Prakash, S., & Roy, K. (2022). E-Social Work: The Fourth Industrial Revolution. *Adhyayan: A Journal of Management Sciences*, 12(2), 37-39.

Other relevant information:

The following students have received placements in respective organizations after on-campus and off-campus placements organized by Departmental placement cell.

Name	Job Designation and Organization
Ananya Das	SOS CHILDREN'S VILLAGE INDIA
Ankit Bhakat	Rajasthan Grameen Aajeevika Vikas Parishad
Bijayinee Sahoo	SOS CHILDREN'S VILLAGE INDIA
Bijoy Ghoshal	Gandhi Fellowship
Biswajit Das	JSLPS

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Biswanath Ghosh	Dhara Sansthan
Dhirukalpa Saikia	WISH Foundation
Dipika Minj	Gramin Siksha Kendra
Hritadeep Kolay	SOS CHILDREN'S VILLAGE INDIA
Jeet Roy	PRASARI
Kushal Kundu	SOS CHILDREN'S VILLAGE INDIA
Madhulika Shome	Watershed Support Services and Activities Network
Manisha Chowdhury	JSLPS
Nasima Begum	Youth4Jobs India
Priti Saha	ADANI Foundation
Priyadarshini Biswas	WBCPCR
Purabi Das	Rajasthan Grameen Aajeevika Vikas Parishad
Rachna Kumari	SOS CHILDREN'S VILLAGE INDIA
Sahina Parvin	ADANI Foundation
Sanghamitra Banerjee	SOS CHILDREN'S VILLAGE INDIA
Satyapriya Paridha	AZIM PREMJI FOUNDATION
Sayan Ghosh	JSLPS
Sayani Chatterjee	Child In Need Institute (CINI)
Shatanti Ghosh	Azim Premji Foundation
Sk.Sahiuddin	Jan Suraaj (I-PAC)
Sonam Iasmin	PRASARI
Soumyadipta Bose	Rajasthan Grameen Aajeevika Vikas Parishad
Sourav Dalui	Kailash Satyarthi Children Foundation
Sourish Bhandary	SOS CHILDREN'S VILLAGE INDIA
Sudipta Rajak	Jan Sahas

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Suhrid Dasboxi	SOS CHILDREN'S VILLAGE INDIA
Sujoy Ghoshal	Purnea Social and Educational Society.
Susama Sarkar	Dhara Sansthan
Sushmita Roy Sarkar	PRASARI
Susmita Ganai	SOS CHILDREN'S VILLAGE INDIA
Sweta Marak	Women Development Centre
Tanaya Majumder	AZIM PREMJI FOUNDATION

PALLI SIKSHA BHAVANA *(Institute of Agriculture)*

Palli Siksha Bhavana (Institute of Agriculture) imparts premier education in different areas of Agricultural Sciences viz., B.Sc. (Hons.) Agriculture, M.Sc. (Ag.) in different specialized fields of Agriculture, M.Sc. in Poultry Science and Ph.D in 12 disciplines of Agricultural Sciences. Students from different states of India and from foreign countries have shown interest to pursue their study in agriculture from this leading institute. Presently this institute comprises of 12 departments, namely, 1. Agronomy, 2. Soil Science & Agricultural Chemistry 3. Genetics & Plant Breeding, 4. Crop Physiology, 5. Horticulture & Post Harvest Technology, 6. Agricultural Statistics, 7. Agricultural Economics, 8. Agricultural Extension, 9. Plant Pathology 10. Agricultural Entomology, 11. Animal Science, and 12. Agricultural Engineering.

During the year under report(2022-2023), 71 students have been admitted in B.Sc. (Hons.) Agriculture, while 71students (Indian 69 Foreign 02) and 19 students have been admitted in M.Sc. (Ag.), and Ph.Dprogrammes, respectively. During this year, 54 studentsof B.Sc. (Hons.) Agriculture, 77 students of M.Sc. (Ag.), and 21students of Ph.D. programmes have been awarded with the respective degrees. At present, 152 research scholars are pursuing their research work in various departments of this Bhavana and 27 research scholars have submitted Ph.D. thesis. Among the admitted students, besides the students from West Bengal, we have students from the states of Sikkim, Tripura, Manipur, Maharashtra, Kerala, Odisha, Bihar, Telangana, Andhra Pradesh, Jharkhand, Chhattisgarh, Uttar Pradesh, Rajasthan, Arunachal Pradesh, and Tamil Nadu, and the students from other countries like Bangladesh. The Institute has adopted Restructured and Revised Syllabi of Post-graduate Programmes as per BSMA guidelines of ICAR w.e.f. academic session 2022-23.

During this year (2022-2023), it is worth mentioning that 12 students of this Institute qualified in ICAR JRF through all India basis competitive examination and have been admitted for their post graduate studies in reputed Indian Universities and Institutes like ICAR-Indian Agricultural Research Institute (ICAR-IARI), ICAR-Indian Agricultural Statistics Research Institute (New Delhi), ICAR-NDRI (Karnal), G.B.PUA & T University of Agriculture and Technology (Pantnagar), Banaras Hindu University

(Varanasi), IGKV (Raipur), etc. Several students have been appointed in various Public and Private sectors through campus interviews and competitive examinations.

The faculty and students have been awarded at National level, the faculty presented their research papers in National and International Seminars and Symposiums and a total of 115 research papers have been published by our faculties in National and International peer-reviewed journals.

This Institute organized one invited lecture on Agronomic bio-fortification of Zinc on 18.05.2022 delivered by Dr. Y. S. Shivay, Principal Scientist, ICAR-IARI, New Delhi and one Fertilizer Orientation Programme was organized in collaboration with FAI, Eastern India, Kolkata for students and faculties on 15.12.2022.

A Business Incubation Centre of Ministry of MSME (Micro, Small and Medium enterprises), Govt. of India has been established at Palli-Siksha Bhavana (Institute of Agriculture) as Visva-Bharati got recognition of Host Institute from the Ministry in the year 2022.

Besides twelve academic departments, the institute has the following units to support teaching, research and extension activities.

Agricultural Farm

Agricultural Farm of PalliSiksha Bhavana comprises an area of 47.0 ha. (34 ha land was allotted to RathindraKrishi Vigyan Kendra on 02.07.2007, which has been functioning under Palli-Siksha Bhavana) with an irrigated area of 13.0 ha, net cultivated area of 12.0 ha. and experimental area of 1.0 ha.

This Agricultural farm serves as a field laboratory for UG, PG and Ph. D students as well as for faculties involved in field research activities. Field based practical for UG students and different experiment related to the thesis work of PG and Ph.D students are conducted at Agriculture Farm in different seasons. Eighty field trials and experiments were conducted during this year (2022-2023)

Library

PSB Library was established in 1957 and it is the largest sectional library of Visva-Bharati which serves twelve departments of Institute of Agriculture and also the Department of Social Work and Rural Development in particular and other departments of different Bhavanas within Visva-Bharati, in general with its open access library system. The library provides services from documentary resources in the form of books

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and journals, grey literature as well as e-recourses. The library provides intranet and internet facility for browsing and retrieval of documents with its Wi-Fi connectivity. In the year under study the library procured 50 journals and 2098 numbers of books. The library possesses 54946 numbers of books and 5095 numbers of bound periodicals in its collection.

Soil Testing Laboratory

The Soil Testing Laboratory (STL) of PalliSiksha Bhavana has done assessment of soil fertility status of Agricultural soils of this region, specially 19 Blocks of Suri Sub-Division, Bolpur Sub-Division and Rampurhat Sub-Division. It provides recommendations of fertilizer application to the field crops. The analysis of soil samples under centrally sponsored 'Soil Health Card Scheme' is going on smoothly during April 2022 to March 2023. Besides the Soil Health Cards Scheme, the soil sample from the farmers in and around Sriniketan, Suri-1&2, Dubrajpur, Illambazar, Khoirasole and students of Visva-Bharati, Burdwan University, WBUAFS, and SEACOM were received. This year 1270 soil samples have been tested and recommended successfully out of 1270 soil samples received. Reports were also communicated.

Rathindra Krishi Vigyan Kendra (RKVK)

The Rathindra Krishi Vigyan Kendra (RKVK) has organized 228 information, knowledge and skill development training courses involving 5811 numbers of practising farmers and farm women (as trainees), rural youths and Grass-root Levels Extension Functionaries of Birbhum District. The Kendra organized & skill and entrepreneurship development training programmes for practicing farmers, farm women and rural youths in collaboration with the Indian Council of Agricultural Research (ICAR) – Central Inland Fisheries Research Institute (CIFRI). The Kendra has conducted 8 numbers of On Farm Trials (OFTs) on various technologies, products and services coming out from the National Agricultural Research System (NARS) on agriculture and related sectors for their location specific assessment and validation, in different villages. The Kendra also organized Front Line Demonstrations (FLDs) on already assessed and successful technologies, products and services related with Agriculture and Allied Sectors involving 1723 numbers of farmers. KVK has also organized 690 numbers of extension programmes like Advisory Services, Diagnostic visits of Farmers to Kendra, Field days, Group discussions, Scientists' Visits to farmers' fields etc. involving 4750 numbers of

farmers, farm women and rural youths. The Scientists of the Kendra have performed as Subject Experts in 10 Radio Broadcasts and 02 T.V Telecast on various topics useful for the farming community in recorded formats. The Kendra has guided Students of Seacom University, Neotia University, Jharkhand RAI University, Sri Dev Suman Uttarakhand University, Himgiri Zee University, Lovely professional University and Siksha O Anushandhan (Deemed to be University) Orissa of B. Sc. (Agriculture) Honours of the Seventh Semester on Rural Agricultural Work Experience (RAWEX). The Kendra has been organizing Two Diploma Courses (of Two Semesters duration) on Diploma in Agricultural Extension Services for Input Dealers (DAESI) in collaboration with the National Institute of Agricultural Extension Management (MANAGE), Govt. of India. During this period, RKVK has established District Agrometeorological Unit (DAMU) for real time recording and dissemination of Agro-Weather Data and Advisory to the farming community of the Birbhum District. The Kendra conducted two SCSP Training Programme for skill development of rural youth on Beekeeping and Bio- Input production. Beside that KVK also produce 39 q. of seeds, 45700 Vegetable seedlings, 40 q. vermicompost and 30 q. azolla for organic farming. The Kendra published 07 research papers, 08 extension literature, 02 books, 10 popular articles and 03 electronic publications. RKVK also conducted different programmes like PoshanAaviyan, World Soil Day, Farm Women Day, National Milk Day, P.M Kishan Samman Nidhi etc. with 2390 nos. of farmers and farm women. Besides those, 5 programmes on Natural Farming and 4 programmes on promotion of Millet Cultivation involving 3146 nos. of farmers and farmwomen at RKVK.

DEPARTMENT OF AGRICULTURAL ECONOMICS

National and International standard Conference/Seminar/Workshop/ Exhibition etc.:

Prof. Debashis Sarkar

- 17.03.2023. Member of 26th Meeting of the Scientific Advisory Committee of RKVK, Visva-Bharati, held at RKVK, Visva-Bharati.
- 11.02.2023. Expert member of Technical Advisory Committee (TAC) of AER Centre, TM Bhagalpur University, Bihar at AER Centre, TM Bhagalpur Univ., Bihar.
- 13.02.2023. Key Speaker of ICAR sponsored CAFT training on “ICT-enabled solutions for Agricultural Extension and Market Linkages in the new normal” at Bihar Agricultural University, Sabour, Bihar.
- 10.12.2022. Presented Paper at Role of Farmers Producers Company in Upholding Food Security and Contributing Sustainable Agriculture at IMSE, Labpur, Birbhum.
- 25.11.2022-26.11.2022. Presented Lead paper at National Seminar on Converging Agrobusiness Acumen for Growth, Profitability and Sustainability through Agripreneurs & Agri start-ups (CAGSAS-2022) at Bihar Agricultural University, Sabour, Bihar.

B.C. Roy:

- 10.11.2022-12.11.2022. Chairman, Rapporteur & presented paper at 82nd Annual Conference of Indian Society of Agricultural Economics, Mumbai at CAU, Imphal.
- 25.06.2022. Delivered lecture & presented paper at State Level Officers Training under National Food Security Mission, West Bengal at Krishi Bhavana, Berhampur.
- 19.07.2022. Delivered lecture & presented paper at State Level Officers Training under National Food Security Mission, West Bengal at Office of SDA, Bolpur, West Bengal.

Bitan Mondal

- 25.04.2022-30.04.2022. Participated in workshop on “Analytical Techniques for Impact Evaluation Methods” organized jointly by IFPRI and BHU at BHU, Varanasi.
- 25.11.2022-26.11.2022. Presented Lead Paper at National Seminar on Converging Agribusiness Acumen for Growth, Profitability and Sustainability through Agripreneurs and Agri Start-ups at Bihar Agricultural University, Sabour, Bihar.
- 09.05.2022-10.05.2022. Participated in Two Day Webinar on “Satellite Farming” held virtually at AAU, Anand.
- 27.02.2023. External Expert at "Skill development training course on big data analysis" at OUAT, Chiplima.

Arti

- 25.04.2022-30.04.2022. Participated in workshop on “Analytical Techniques for Impact Evaluation Methods” organized jointly by IFPRI and BHU at BHU, Varanasi.
- 09.05.2022-10.05.2022. Participated in Two Day Webinar on “Satellite Farming” held virtually at AAU, Anand.
- 25.11.2022-26.11.2022. Participated at National Seminar on Converging Agribusiness Acumen for Growth, Profitability and Sustainability through Agripreneurs and Agri Start-ups at Bihar Agricultural University, Sabour, Bihar.
- 27.02.2023. External Expert at "Skill development training course on big data analysis" at OUAT, Chiplima.

Subrata Gorain

- 21.08.2022-19.09.2022. Participated in 4-Week Faculty Induction/ Orientation Programme for “Faculty in Universities/ Colleges/Institutes of Higher Education” held virtually at Delhi University, Delhi.
- 25.11.2022-26.11.2022. Participated at National Seminar on Converging Agribusiness Acumen for Growth, Profitability and Sustainability through Agripreneurs and Agri Start-ups at Bihar Agricultural University, Sabour, Bihar.

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Extension activities/NSS/Cultural and other activities organized by the Department and participated by the Teachers and students of the Department.

The Department is involved in transfer of technologies (TOT) from its inception. Apart from these, NSS activities are organized by NSS unit of the Bhavana and participated by all the staff of the Department. Besides organizing departmental seminar, faculty members of the Department regularly took part in district and state level expert group meetings, and delivered invited lecture organized by the Department of Agriculture, Government of West Bengal.

Bidhan Chandra Roy

- 25.06.2022: Jute Economy in India: Issues and Challenges; Lecture delivered in the State Level Officers Training under National Food Security Mission, West Bengal; Krishi Bhavana, Berhampur.
- 19.07.2022: Economic Aspect of Oilseed Production and Causes of Price Hike of Oil in India; Lecture delivered in the State Level Officers Training under National Food Security Mission, West Bengal; Office of the SDA, Bolpur.

Academic distinctions gained by Teachers/Scholars or the Department as a whole (Like recognition as D.S.A. or C.A.S. etc.)

Prof. Debashis Sarkar

- President, Agricultural Economics and Social Science Research Association, New Delhi
- Editor-in-Chief, Economic Affairs, New Delhi
- Editor-in-Chief, International Journal of Social Science, New Delhi
- Associate Editor, SJAVS, Assam
- Editorial Board Member and Reviewer, Journal of Social Science Studies, USA
- Advisor, Institute for Motivating Self Employment (IMSE), Kolkata
- Life Member, Indian Society of Agricultural Economics, Mumbai
- Life Member, Agricultural Economics Research Association, New Delhi
- External Member, Board of Studies, Agribusiness Management & Food Technology, North Eastern Hill University (NEHU), Shillong, Meghalaya

Bidhan Chandra Roy

- Chairman, 82nd Annual Conference of Indian Society of Agricultural Economics, Mumbai.
- Member, Quinquennial Review Team (QRT), ICAR-NINFET, Kolkata, West Bengal.
- Member, Research Advisory Committee, ICAR-MGIFRI, Motihari, Bihar
- Member & Team Leader, Technical Advisory Committee, International Conference on Agriculture in Hilly and Mountain Landscape: An Interdisciplinary Perspective.
- Rapporteur, 82nd Annual Conference of Indian Society of Agricultural Economics, Mumbai.
- Member, Editorial Board, Indian Journal of Agricultural Economics, Mumbai.
- Member, Editorial Board, Amity Journal on Agri-business Management, New Delhi.
- Member, Editorial Board, International Journal on Social Science, New Delhi.
- External Member, Institute Board, Palli-Sangathana Bhavana, Visva-Bharati
- Honorary Director, AERC, Visva-Bharati (till April, 2022).
- Member, PG & Ph.D. Ordinance Drafting Committee of PSB.

Bitan Mondal

- Best Oral Presentation in “Converging Agribusiness Acumen for Growth, Profitability and Sustainability through Agripreneurs and Agri Start-ups” on 25-26 November, 2022.
- Editor, Economic Affairs, New Delhi.
- Member, Indian Society of Agricultural Economics, Mumbai.
- Member, Agricultural Economics Research Association, New Delhi.
- Member of the Editorial Board, International Journal of Bio-resource and Stress Management.
- Life member of Society of Bio-resource, Environment and Agricultural Research
- Life Member, Agricultural Economics and Social Science Research Association, New Delhi.

Arti

- Life Member, Agricultural Economics Research Association, New Delhi.

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- Life Member, Agricultural Economics and Social Science Research Association, New Delhi.

Publications:

Research Papers in Journal

- Singh, J.K., Sarkar, D, & Mondal. B. (2022). Study on Economics of Pineapple Cultivation in Manipur, India. *Economic Affairs*, 67(5), 833-837.
- 2.Mondal, B., Arti & Roy, B. C., (2022). Market Integration and the Law of One Price: AnExploration of the Major Onion Markets of India. *Scientist*, 1(3). 2678-2692. DOI: <https://doi.org/10.5281/zenodo.7342359>.
- Paul, D., Mondal, B., Arti, & Roy, B. C. (2022). Beyond production: how can diversification enhance farm income in the North-Eastern region of India?. *Agricultural Economics Research Review*, 35(conf), 123-133.
- Roy, B. C. (2022). Sustainable Agricultural Growth, Diversification and Farm Income, Rapporteurs Report, *Indian Journal of Agricultural Economics*, 77(3): ISSN 0019-5014
- Bairagya, G. and Roy, B. C. (2022). Microfinance through Women Self-Help Groups (WSHG) – Constraints in Accessing Microcredit and its Utilization in Southern West Bengal, Paper presented in the 82nd Annual Conference of Indian Society of Agricultural Economics, held in CAU, Imphal, Manipur during November 10-12, 2022.
- Bairagya, G. and Roy, B. C. (2023). Constraints to Access and Delivery of Micro-finance: A Study Based on Women Self Help Group with Bank Linkage Model in Southern West Bengal, *International Journal of Research and Analytical Review (IJRAR)*, 10(1):980-993.
- Roy, B. C. (2023). Sustainable Agricultural Growth, Diversification and Farm Income, Summaries of Group Discussions, Subject-I, *Indian Journal of Agricultural Economics*, 78(1): 79-83.
- Mondal, B., Arti and Gorain, S. (2022). Agriculture Current Affairs. *Food and Scientific Reports*, 3(12):1-7
- Dixit, A.K., Sirohi, S., Ravishankar, K.M., Cariappa, A.G.A., Kumar, S., Bhandari, G., Sharma, A.K., Thakur, A., Bhullar, G.K. and Thakur, A. (2022), Understating emerging value chains and business performance: evidence from

dairy industry in India, *Journal of Agribusiness in Developing and Emerging Economies*. <https://doi.org/10.1108/JADEE-10-2022-0219>

Designing New Course/Curriculum or any other teaching innovations introduced by the Department.

The Department already initiated steps (approved by the BOS, Dept. of Agricultural Economics) and placed in Academic Council, Visva-Bharati to offer Two Years Master Degree programme in the subject of Agricultural Economics. Efforts are being taken to modernise the Computer Laboratory of the Department with modern equipment and software.

Other relevant information:

The Department is engaged in applied, policy, and problem-solving research in agriculture and allied sectors covering various thematic areas like market, trade, finance, agri-business, livelihood, natural resource, institutions, growth, and development. Based on the relative importance of the issues in agriculture, the Department has been engaged in continuously shifting its focus on these issues. Different research projects were carried out, covering areas like production economics, agricultural marketing, agricultural finance, agricultural growth, and development.

The Department has a mandate to carry out teaching and research in socio-economic issues concerning agriculture and rural development. Accordingly, the Department has tailored teaching and research programmes to meet the challenges of post-economic liberalization era. The Department offers several compulsory core courses as well as advance elective and minor courses both at Undergraduate and Postgraduate levels. This Department has been playing very vital role in enlightening the policy makers in the emerging areas of international trade and evaluation of public policies and programmes in agricultural sector. The Department of Agricultural Economics has five sanctioned teaching posts with multi-fields of specialization. The Department also has a Computer Laboratory.

The Department was able to maintain its records of high performance in teaching, research, and extension activities, despite severe constraints faced in terms of space, budget, infrastructure and availability of non-teaching staff. During the year, four Ph. D students have submitted their thesis and have been awarded the Degree. This year, the faculty members of the Department guided the final year UG students of the

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Bhavana and conducted special classes on a regular basis exclusively for the purpose of ICAR-JRF in Social Science that led to near 100% success in the national level tests like ICAR-JRF. Like previous years, this year also the Department has organized several field visits and training programmes for farmers and extension personnel (both on campus and off campus). The Department performed extremely well in externally sponsored projects, publications, extension activities and policy linkages with other departments and institutions.

DEPARTMENT OF AGRICULTURAL ENGINEERING

National and International standard Conference /Seminar /Workshop / Exhibition etc.

K.C. Swain

- 02.02.2023-03.02.2023. presented paper in International Conference on Biotic and Abiotic Stress of Crop Plants and their Sustainable Management organized at Visa-Bharati.
- 03.02.2023-04.02.2023. Presented Paper in National Conference on “Natural fibre for sustainable societal development” at ICAR-NINFET, Kolkata.

L. Hangsing:

- 03.02.2023-04.02.2023. Presented Paper in National Conference on “Natural fibre for sustainable societal development” at ICAR-NINFET, Kolkata.

Presentation by Students:

- S. Kumari has presented paper in International Conference on Biotic and Abiotic Stress of Crop Plants and their Sustainable Management organized at Visa-Bharati during 02-03 February 2023.
- S. Kumari has Presented Paper in National Conference on “Natural fibre for sustainable societal development” at ICAR-NINFET, Kolkata during January 03-04, 2023.
- P. Maji presented paper in International Conference on Biotic and Abiotic Stress of Crop Plants and their Sustainable Management organized at Visa-Bharati during 02-03 February 2023.
- N.R. Yewlehas presented paper in ASABE annual Meeting held at Houston, Texas, USA during 17-20 July 2022.

Ongoing Research Projects in the Department

Name of the Teacher : Dr. K.C. Swain (Co-PI)

Name of the Project: Studies on Bio-efficacy, phototoxicity of GOD-H010 on wheat and maize and carry over effect on succeeding crops

Sponsoring Agencies: Godrej Agrovat Ltd.

Amount Sanctioned: 5.7525 lakh rupees

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Extension activities/NSS/Cultural and other activities organized by the Department and participated by the Teachers and students of the Department.

- Orientation programme for NSS volunteers
- Gandhi Puniyha cleaning programme on 10th March 2023
- Winter clothes distribution camp during 15-16 January 2023
- NSS village camp during 29-31 August 2022 and 05-08 March 2023

Academic distinctions gained by Teachers/ Scholars or the Department as a whole (Like recognition as D.S.A. or C.A.S. etc.)

Rajesh, E., Mohite, S.H., Sharma, G., Agarwal, K., Swain, K.C., Sahu, S.R., Menon, S., Pandey, S.R. Monitoring Key Performance Indicators of Supply Chain Retail Using Artificial Intelligence. Patent publication No. 202241048863 on 28 October 2022.

Publications:

Textbooks

- Swain, K.C. and Jayasuriya, H. (2022). Low Altitude Remote Sensing System in Agriculture. Cuttack: Sarala Publication House, 138 pages. ISBN-978-81-959737-0-5.
- Kandasamy, P (2022). Fundamentals of Crop Processing Technology and Protected Cultivation. Brillion Publishing. ISBN:978-93-92725-48-7.

Research Papers:

- Singha, C., Gulzar, S., Swain, K.C. and Pradhan, D. (2022). Apple Yield Prediction Mapping Using Novel Machine Learning Techniques through the GEE Cloud in Kashmir Valley, India, *Journal of Applied Remote Sensing*, 17 (1): 014505.
- Singha, C., Swain, K.C.; Meliho, M.; Abdo, H.G.; Almohamad, H.; Al-Mutiry, M. (2022). Spatial Analysis of Flood Hazard Zoning Map Using Novel Hybrid Machine Learning Technique in Assam, India, *Remote Sensing*, 14: 6229. <https://doi.org/10.3390/>
- Singha, C., Swain, K.C. and Jayasuriya, HPW (2022). Growth and yield monitoring of potato crop using Sentinel-1 data through cloud computing, *Arabian Journal of Geo-Science*, 15(19):1-16.

- Kumar, A., Kandasamy,P. and Chakraborty, I.(2022). Analysis of Foaming Properties of Mango Pulp for Foam-mat Drying: Impact of Egg Albumin Concentration and Whipping Time. *Journal of the Institution of Engineers (India): Series A*, 103 (3): 717-724.
- Biswa, O., Kandasamy,P. and Das, S.K. (2022). Effect of dragon fruit peel powder on quality and acceptability of fish nuggets stored in a solar cooler (5 – 1°C). *Journal of Food Science and Technology*,59(9):3647–3658.
- Yewle, N.R.,Gupta, S.V., Patil, B.N., Mann,S. and Kandasamy,P.(2023). Hermetic Super Grain bags for controlling storage losses caused by *Callosobruchus maculatus* Fabricius (Coleoptera: Bruchinae) in stored mung bean (*Vigna radiata*). *Bulletin of Entomological Research*, 113 (1): 98-106.
- Yewle, N.R.Stroshine, R.L.Ambrose R.P.K.and Baributsa,D. (2023). Short-term hermetic storage of wet maize and its quality, *Foods*, 12(4): 891-895.
- Biswas, O., Kandasamy, P., Nanda, P.K., Biswas,S., Lorenzo, J.M. Das,A., Alessandroni, L., Lamri,M., Das, A. K. and Gagaoua, M. (2023). Phytochemicals as natural additives for quality preservation and improvement of muscle foods: a focus on fish and fish products. *Food Materials Research*, 3 (1).
- Kichu,R., Dutta, M., Nayak, R.C. and Hangshing, L. (2022). Quantitative Morphometric Analysis of Dzumah Watershed of Upper Dhansiri, Nagaland, India. *Indian Journal of Ecology*, 49(3): 837-842.
- Kumar, A., Kandasamy,P., Chakraborty, I. and Hangshing, L. (2022). Analysis of energy consumption, heat and mass transfer, drying kinetics, and effective moisture diffusivity during foam-mat drying of mango in a convective hot-air dryer. *Biosystem Engineering*, 219: 85-102.
- Lairenjam, C. and Hangshing, L. (2023). Drought assessment in Kohima, Nagaland,India, using the standardized precipitation index (SPI).*ISSET International Conference on Applied Science & Engineering (CASE 2021) AIP Conf. Proc.* 2690, 020017-1–020017-7.

DEPARTMENT OF AGRICULTURAL ENTOMOLOGY

National and International standard Conference /Seminar /Workshop / Exhibition etc.:

Hirak Chatterjee

- 17th February 2023. Delivered lecture on the topic “IPM on oilseed crops” in the Training meeting of Extension workers and Assistant Director of Agriculture, Department of Agriculture, Dist-Birbhum.
- 2-3rd February 2023. Chairman of a session (Technical Session-5: Biotic and abiotic causes of crop diseases, their detection, identification, and characterization) in the International Conference on ‘Biotic and Abiotic Stress of Crop Plants and their Sustainable Management’ organized by Department of Plant Pathology, Palli Siksha Bhavana, Visva-Bharati, Sriniketan, West Bengal.
- 24th January 2023. Chairman of the Peer Review Committee (PRC) and conducted its first meeting of the project entitled "Women Empowerment through "Silkworm Culture in Tribal Dominated Mayurbhanj District of Odisha" supported to Mayurbhanj Biological Research under TDUPW programme of DSIR.
- 31st December 2022. Delivered lecture on “Bharatiya Prakritik Krishi Padhyati” organized by Deputy Director of Agriculture (Admin), Khairasole.
- 12th July 2022. Delivered lecture on the topic “IPM on oilseed crops” in the Training meeting of Extension workers and Assistant Director of Agriculture, Department of Agriculture, Dist-Birbhum.

Palash Mondal

- 2-3 February, 2023. Chairman of a session (Technical Session-5: Biotic and abiotic causes of crop diseases, their detection, identification and characterization) in the International Conference on ‘Biotic and Abiotic Stress of Crop Plants and their Sustainable Management’ organized by Department of Plant Pathology, Palli Siksha Bhavana, Visva-Bharati, Sriniketan, West Bengal.
- 4-5 January 2023. Resource person in Farmers Training Programme on Management of Horticultural Plantation under ADMI project in Birbhum district held on at Rajnagar & Bolpur, respectively.

- 14-15 April 2022. Presented a paper on Insecticides resistant management strategy against chilli thrips: A package of management practices for the farmers of rural Bengal. In. Virtual National Conference on “The Legacy of Dr. B.R. Ambedkar and Sabitribai Phule in Women Empowerment”.

Swarnali Bhattacharya

- 6 - 15 March, 2023. Attended ten (10) days National Workshop on “Research Methodology in Social Sciences” organized by A K Dasgupta Centre for planning and development, Visva-Bharati, Santiniketan, West Bengal.
- 25 - 26 February, 2023. presented a paper on the topic “Distribution pattern of early-stage insect pests infesting Bt-cotton in West Bengal” in the International Conference on “Futuristic Agricultural Technology for Natural Farming and Global Food Marketting policy” jointly organized by Mahatma Gandhi ChitrankootGramodaya Vishwavidyalaya, Satna, M.P., R.S. Krishi ShodhSansthan and Akhil BharatiyaAntodayaVicharak Manch, Lucknow, U.P.
- 2-3 February, 2023. presented a paper on the topic “Compatibility of different pesticides on the growth indices of the entomopathogen *Lecanicilliumlecanii*” in the International Conference on ‘Biotic and Abiotic Stress of Crop Plants and their Sustainable Management’ organized by Department of Plant Pathology, Visva-Bharati, West Bengal.
- 2-3 February, 2023. Chaired a session on the theme ‘Integrated conventional and non-conventional stress management for crop production’ in the International Conference on ‘Biotic and Abiotic Stress of Crop Plants and their Sustainable Management’ organized by Department of Plant Pathology, Visva-Bharati, West Bengal.
- 21-27 December, 2022. Attended one week online Workshop on Biostatistical Data Analysis and Research Methodology organized by Science Tech Institute, Lucknow, UP.
- 8-10 December, 2022. Presented a paper in the 3rd National Symposium ‘Entomology 2022: Innovation and Entrepreneurship’ on the topic “Relative susceptibility of commercial cultivars of bell pepper (*Capsicum annuum* var *grossum*sendt.) to the major insect pests under gangetic basin of West Bengal” jointly organized by PJTSAU, Hyderabad; ESI, New Delhi; PPAI, Hyderabad and Agri Biotech Foundation, Hyderabad. 13st July, 2022 - Attended

Chapter-2

Kishanvani Programme on the topic “Insect-pest management through cultural and biological means”.

Ongoing Research Projects in the Department:

Swarnali Bhattacharya

- Evaluation of bio-efficacy and phytotoxicity of Pymetrozine 50% WG against rice BPH. (U Sanction date – 17.06.2022)
- Sponsoring Agency: Rainbow Agrosiences Pvt. Ltd.
- Amount Sanctioned (Rs.): 3,52,820/-
- Evaluation of bio-efficacy and phytotoxicity of Etoxazole 10% SC formulation against red spider mite in brinjal crop and tea plantation (university Sanction date – 4.11.2022)
- Sponsoring Agency: Best Crop Science Pvt. Ltd.
- Amount Sanctioned (Rs.): 4,14,180/-
- Evaluate of bio-efficacy and phytotoxicity of BAL 175, BAL 2325, BAL 3566 against important insect-pests infesting Brinjal, cotton, chilli, okra, and groundnut crop (university Sanction date – 24.11.2022)
- Sponsoring Agency: Seedling India Pvt. Ltd.
- Amount Sanctioned (Rs.): 23,01,000/- (Received 11,50,500/-)
- Studies on the bio-efficacy of Lambda 1.5%+Emamectin 1.25%+Bifenthrin 4.5% EC against stem borer and leaf folder infesting rice. (University Sanction date – 21.02.2023)
- Sponsoring Agency: JU Agri Sciences Pvt. Ltd.
- Amount Sanctioned (Rs.): 5,36,900/- (Received 2,27,500/-)
- Studies on the bio-efficacy and phytotoxicity of BAL 175 formulation against shoot borer, top shoot borer, and termite infesting Sugarcane. (University Sanction date – 21.02.2023)
- Sponsoring Agency: Seedling India Pvt. Ltd.
- Amount Sanctioned (Rs.): 5,98,260/- (Received 2,53,500/-)

Palash Mondal

- Bioefficacy and phytotoxicity studies of Ethiprole 200 + Benzpyrimoxan 300 SC g/L including its effect on natural enemies in Rice against BPH, WBPH & GLH
- Sponsoring Agency: Bayer Crop Sciences
- Amount Sanctioned (Rs.): 4,60,200/-
- Bio-efficacy evaluation of new insecticide 'NII 2002' against Lepidopteran pests of Maize
- Sponsoring Agency: Nichino India Pvt. Ltd.
- Amount Sanctioned (Rs.): 4,29,520/-

Extension activities/NSS/Cultural and other activities organized by the Department and participated by the teachers and students of the Department.

The Department is involved in transfer of technologies (TOT) from its inception. The Department is organizing departmental seminar, faculty members of the Department regularly took part in district and state level expert group meetings, and delivered invited lecture organized by the Department of Agriculture, Government of West Bengal. The faculty members of the Department were also regularly participated in various outreach and extension programmes in All India Radio (FM 103.1). Moreover, the students of this Department are actively engaged in the extension activities organized by the Institute from time to time and simultaneously the Department runs a Plant Health Clinic during office hours on all working days for the benefit of farmers. Telephone advisory services in relation to pest management are also extended to the farmers. Diagnostic and advisory services towards sustainable pest management are also extended to the Directorate of Agriculture, Govt. of West Bengal and different NGO's. In addition to that the faculty members took part in various training programmes organized by Rathindra Krishi Vigyan Kendra, Visva-Bharati including on-farm training to growers in the surrounding villages. Beside that the faculties are actively involved in Swatchata Abhiyan, Tree Plantation, Gandhi Punya, MaghMela, Halakarshan, Blood donation camp organized by NSS. On 21st March, 2023, Dr. Swarnali Bhattacharya attended Kisan Vanilive phone-in Programme, Santiniketan on the topic "Role of biopesticides in insect-pest management".

Academic distinctions gained by teachers/scholars of the Department as a whole (like recognition as D.S.A. or C.S.A. etc.)

Chapter-2

Awards received by faculties:

- Dr. Swarnali Bhattacharya – Conferred “**Outstanding Teacher Award – 2022**” by Society for Biotic and Environmental Research on 8th August, 2022.

Awards received by students:

- Nikhitha G – Received **Best Paper Award** in the International Conference on Innovative Technologies and their applications in Higher Education on the topic “Impact of climate change on some agriculturally important insect-pest” organized by IQAC, Annamalai University, Tamil Nadu during 17-19th October, 2022.
- Subhajit Pal – Secured **second position in Oral presentation** in the International Conference on ‘Biotic and Abiotic Stress of Crop Plants and their Sustainable Management’ organized by Department of Plant Pathology, Visva-Bharati, West Bengal from 2-3rd February, 2023 on the topic “Record of a new entomopathogenic fungi, *Cordyceps javanica* infecting Maize Fall Armyworm, *Spodoptera frugiperda* (J.E.Smith) (Lepidoptera: Noctuidae) in West Bengal.
- Keerthika N - Secured **second position in Poster presentation** in the International Conference on ‘Biotic and Abiotic Stress of Crop Plants and their Sustainable Management’ organized by Department of Plant Pathology, Visva-Bharati, West Bengal from 2-3rd February, 2023 on the topic “White flies, *Bemesiatabaci* Gennadius, a vector of yellow vein mosaic disease of Okra: Its seasonal incidence & chemical management practices”.

Hirak Chatterjee

- Acted as External expert in various selection committee and CAS promotion Board in ICAR & ISI, Kolkata.
- Acted as External Member of PG-BOS in Zoology, Raiganj University, Raiganj, Uttar Dinajpur
- Acting as Councillor of the *Journal of Plant Protection and Environment*. OUAT, Orissa, Bhubaneswar since 2007.

Palash Mondal

- Life member of ‘Crop and Weed Science Society’ BCKV, India.
- Editorial Board member of *International Journal of Bio-resource and Stress Management*

- Editorial Board member of *International Journal of Bio-resource, Environment and Agricultural Sciences*
- Editorial board member of the Journal *Progressive Agricultural Sciences*

Swarnali Bhattacharya

- Editorial board member of several reputed national and international journals. This year became life member of Society for Biotic and Environmental Research (SBER), Society for Advancement of Human and Nature (SADHNA)

Publications:

- Prasad, M.G.& Chatterjee, H. (2022). Influence of abiotic factors on the incidence of Yellow Stem Borer, *Scirpophagaintertulas* (Walker) (Lepidoptera:Pyralidae) in Birbhum District, West Bengal. *Journal of Experimental Zoology*, 25 (2), 2405-2409.
- Mandal, L. and Mondal, P.(2022). Bioefficacy of Some Newer Generation Insecticides Against Chilli Thrips, *Scirtothrips dorsalis* Hood. *International Journal of Bio-resource and Stress Management*, 13(11), 1130-1140. DOI: [HTTPS://DOI.ORG/10.23910/1.2022.3112a](https://doi.org/10.23910/1.2022.3112a)
- Mandal, L. and Mondal, P. (2023). Impact of Weather Parameters on Population Fluctuation of Chilli Thrips, *Scirtothrips dorsalis* Hood. *International Journal of Bio-resource and Stress Management*, 14(2), 207-214. DOI: [HTTPS://DOI.ORG/10.23910/1.2023.3296](https://doi.org/10.23910/1.2023.3296)
- Ghosh, M., Bhattacharya, S. & Mandal, S.K. (2022). Comparative susceptibility of commercial cultivars of bell pepper (*Capsicum annum* var *grossum*Sendt) to major insect pests in West Bengal. *International Journal of Farm Sciences*, 12 (4), 139-144.
- Ghosh, M., Bhattacharya, S. & Mandal, S.K. (2022). Evaluation of pesticides against chilli mite (*Polyphagotarsonemus latus* Banks) of Bell pepper (*Capsicum annum*Sendt.) under the gangetic basin of West Bengal. *Annals of Entomology*, 40 (2), 105-112.
- Chakraborty, A.,Bhattacharya, S. & Das,B. (2023). Screening of certain brinjal germplasms for resistance to brinjal shoot and fruit borer, *Leucinodesorbonalis*Guen. *The Pharma Innovation Journal*. 12 (3), 1646-1650.

Chapter-2

Designing New Course/Curriculum or any other teaching innovations introduced by the Department.

Adopted Restructured and Revised Syllabi of Post-graduate Programmes as per BSMA guidelines of ICAR for M.Sc. (Ag) in Entomology w.e.f. academic session 2022-23.

Other relevant information:

The Department has been initiated to establish an Insect Museum.

DEPARTMENT OF AGRICULTURAL EXTENSION

Name of the student qualified in UGC/CSIR/NET/SLET and GATE Examinations:

- Rekha Khalko(UGC NET June 2022)
- Madhusmita Sahoo (UGC NET April 2023)
- Saumyesh Acharya (UGC NET April 2023)
- Shaktiranjana Das (UGC NET April 2023)

National and International standard Conference/Seminar/Workshop/ Exhibition, etc.:

Souvik Ghosh

- 29.04.2022. Delivered an invited lecture on ‘*Impact analysis of KVK activities*’ during Orientation Programme of newly recruited subject matter specialists (SMSs) at Dr. Rajendra Prasad Central Agricultural University, Pusa, Samastipur, Bihar.
- 27.01.2023-30.01.2023. Presented an invited lead paper on ‘*Extension Approaches for Climate Smart Agriculture*’ during International Extension Education Conference on “Innovative Applications in Agricultural Extension for Sustainable Food and Environmental Security” organized by Department of Extension Education, Institute of Agricultural Sciences, Banaras Hindu University, Varanasi.

Students Presented papers:

- 27.01.2023-30.01.2023. During International Extension Education Conference on “Innovative Applications in Agricultural Extension for Sustainable Food and Environmental Security” organized by Department of Extension Education, Institute of Agricultural Sciences, Banaras Hindu University, Varanasi following students presented their papers:
 - Shreya Anand, Ph.D. Scholar, presented a paper on ‘Enhancing small farmers’ income through farmers producer organizations: evidence & innovations’.
 - Rekha Khalko, Ph.D. Scholar, presented a paper on ‘Tea -garden workers livelihood and gender disparity’.

Chapter-2

- Mamata Nanda, Ph.D. Scholar, presented a paper on ‘Link between male migration and women empowerment’.

Academic distinctions gained by Teachers/Scholars or the Department as a whole (Like recognition as D.S.A. or C.A.S. etc.)

Souvik Ghosh

- 27.01.2023-30.01.2023. Conferred with Professional Recognition Award for significant contribution in Agricultural Extension and Communication during International Extension Education Conference on “Innovative Applications in Agricultural Extension for Sustainable Food and Environmental Security” organized by the Department of Extension Education, Institute of Agricultural Sciences, Banaras Hindu University, Varanasi.
- Acted as External Expert Member of Board of Studies (BOS), Department of Extension Education, Institute of Agricultural Sciences, Banaras Hindu University (BHU), Varanasi.
- Acted as an Expert in the discipline of Agricultural Extension being nominated by the Director General, ICAR, Krishi Bhawan, New Delhi in the Assessment Committee for promotion of ARS Scientists at ICAR-National Institute of Biotic Stress Management, Raipur, Chhattisgarh.
- 27.01.2023-30.01.2023. Chaired a Session on ‘*Farm Journalism & Social Media Extension*’ during International Extension Education Conference on “Innovative Applications in Agricultural Extension for Sustainable Food and Environmental Security” organized by Department of Extension Education, Institute of Agricultural Sciences, Banaras Hindu University, Varanasi.
- Editor, Journal of Community Mobilization and Sustainable Development, New Delhi.
- Member, Editorial Committee, Journal of Indian Society of Coastal Agricultural Research, ICAR-CSSRI Regional Centre, Canning Town, West Bengal.
- Member, Editorial Board, Amity Journal on Agri-business Management, New Delhi
- External Member, Institute Board, Siksha Bhavana, Visva-Bharati.
- Life member of the following professional societies:
 - ❖ Indian Society of Extension Education, Division of Agricultural Extension, IARI, New Delhi

- ❖ Society for Community Mobilization for Sustainable Development, IARI, New Delhi
- ❖ Agricultural Economics Research Association, Division of Agricultural Economics, IARI, New Delhi
- ❖ International Society of Extension Education, Nagpur
- ❖ Indian Society of Coastal Agricultural Research, CSSRI Regional Research Station, Canning Town, West Bengal
- ❖ Asian Society of Extension Education, Nagpur
- ❖ Society of Extension Education, Agra, Uttar Pradesh, India

Students awarded

- 27.01.2023-30.01.2023. Shreya Anand, Ph.D. Scholar under supervision of Prof. Souvik Ghosh, was conferred with Best Presentation Award (Oral) for the paper “Enhancing Small Farmers’ Income through Farmers Producer Organisations: Evidence & Innovations” in International Extension Education Conference on “Innovative Applications in Agricultural Extension for Sustainable Food and Environmental Security” organized by Department of Extension Education, Institute of Agricultural Sciences, Banaras Hindu University, Varanasi.

Publications:

Text Book:

- Arulmanikandan, B., Saha, A., & Gupta, R. K. (2022) Students’ Perceptions on Rural Agricultural Work Experience Programme: *Students’ Perceptions on RAWE Programme at PalliSiksha Bhavana (Institute of Agriculture), Visva-Bharati. Lambert Academic Publishing’* ISBN 978-620-4-9795-71

Other Books:

- Awatade, Sudarshan Chandrakant, Ghosh, Souvik and Singandhupe, R.B. (2023). *Farmers’ Needs from Agricultural Extension System*. New Delhi: New Delhi Publishers, p. 347 (ISBN 978-93-93878-64-9).
- Ghosh, Souvik (2023). *Approaches for Impact Evaluation of Extension Programmes*. In: *Advanced Extension & Communication Strategies for Sustainable Livelihood Through Animal Husbandry and Allied Farming System*. Goswami, A. and Biswas, S. (Eds.). New Delhi: New India Publishing Agency (NIPA), pp. 262-273 (ISBN: 978-93-94490-82-6).

Research Papers in Peer Reviewed/ Refereed/ UGC-CARE/ ICAR-NAAS listed journals:

- Kumari, P., Mukhopadhyay, S. D., & Raj, R. K. (2022). Knowledge, skill, and extent of mobile use by the fishermen in Odisha. *Journal of Research in Humanities and Social Science*, 10(4), 68-73.
- Haobijam, J.W. and Ghosh, S. (2023). Integrated Fish Farming and its Influence on Farm Livelihoods in Manipur, India. *Aquaculture International (Springer)*. <https://doi.org/10.1007/s10499-023-01067-x>.
- Sarkar, N.C., Mondal, K., Das, A., Mukherjee, A., Mandal, S., Ghosh, S., Bhattacharya, B., Lawes, R., and Huda, S. (2023). Enhancing livelihoods in farming communities through super-resolution agromet advisories using advanced digital agriculture technologies. *Journal of Agrometeorology (Silver Jubilee Publication)*, 25(1), 68-78.
- Mukherjee, S., and Ghosh, S. (2023). Cropping scenario in Water User Associations (WUAs) managed groundwater irrigation system's command area in West Bengal. *Indian Journal of Extension Education*, 59(1), 19-23.
- Das, U., Ansari, M.A., and Ghosh, S. (2022). Measures of Livelihoods and their Effect on Vulnerability of Farmers to Climate Change: Evidence from Coastal and Non-Coastal Regions in India. *Environment, Development and Sustainability (Springer)*, <https://doi.org/10.1007/s10668-023-02911-z>.
- Das, U., Ansari, M.A. & Ghosh, S. (2022). Does climate knowledge act as a shield for farm livelihoods? Empirical analysis from the coastal and non-coastal ecosystems of India. *Theoretical and Applied Climatology (Springer)*, 150, 1627–1642.
- Das, U., Ansari, M.A., & Ghosh, S. (2022). Effectiveness and upscaling potential of climate smart agriculture interventions: Farmers' participatory prioritization and livelihood indicators as its determinants. *Agricultural Systems (Elsevier)*, 203, 103515.
- Mukherjee, S., Roy, A. and Ghosh, S. (2022). Extent of farmers' participation in irrigation management and influencing factors in West Bengal. *Journal of Community Mobilization and Sustainable Development*, 17(3), 804-810.
- Das, U., Ansari, M.A., Ghosh, S., Shukla, A.K., Kameswari, V.V., Bhardwaj, N., and Kushwaha, G.S. (2022). *Indian Journal of Extension Education*, 58(4), 1-9.

- Mukherjee, S., Roy, A. and Ghosh, S. (2022). Performance of groundwater irrigation system as perceived by farmers in West Bengal. *Indian Journal of Extension Education*, 58(3), 157-162.
- Roy, S. and Ghosh, S. (2022). Determinants of adaptation during COVID-19 pandemic by rural households in Cooch Behar district of West Bengal. *Indian Journal of Extension Education*, 58(3), 126-130.
- Roy, P. and Ghosh, S. (2022). Perceived marketing system effectiveness by pineapple growers in Tripura. *Indian Journal of Extension Education*, 58(3), 24-28.
- Arulmanikandan, B., Saha, A., Tiwari, P. K., & Gupta, R. K. (2022) Perceptions of the B. Sc.(Ag.) Hons Final Year Students towards Rural Agricultural Work Experience in PalliSiksha Bhavana (Institute of Agriculture), Visva-Bharati. *Journal of Community Mobilization and Sustainable Development*, 2 (seminar special issue): 368-375.
- Gupta, R. K., Saha, A., and Dhakre, D.S. (2022) Perception of tribal and non-tribal dairy farmers towards the dairy farming in the central Indian states of Chhattisgarh: Structural Equation Modeling Approach. *Journal of Research ANGRAU*, 50(4), 100-115.
- Sahoo, B., Saha, A. and Sahoo, S.L. (2022). Knowledge of the tribal Farmers towards Organic Turmeric Cultivation in Kandhamal District of Odisha. *Indian Research Journal of Extension Education*, 22 (1), 8-12.
- Sahoo, B., Saha, A., Dhakre, D. S., and Sahoo, S. L. (2023). Perceived Constraints of Organic Turmeric Farmers in Kandhamal District of Odisha. *Indian Journal of Extension Education*, 59(1), 107-111.
- Darshan, N. P. and Ghosh, S. (2023). Cooperative to FPOs: A Paradigm Shift. *Kurukshetra (A Journal of Ministry of Rural Development, GOI)*, 71(3), 39-44.
- Ghosh, S. and Das, U. (2022). Skills for agri-entrepreneurship. *Kurukshetra (A Journal of Ministry of Rural Development, GOI)*, 70 (12): 11-16.

Designing New Course/Curriculum or any other teaching innovations introduced by the Department.

Adopted, Restructured and Revised Syllabi of Post-graduate Programmes as per BSMA guidelines of ICAR for M.Sc. (Ag) in Agricultural Extension Education w.e.f. academic session 2022-23.

DEPARTMENT OF AGRICULTURAL STATISTICS

Departmental Seminar:

Prof. Youngjo Lee, Department of Statistics, Seoul National University, Seoul, Korea, Prof. Poonam Singh Department of Statistics, Delhi University and Prof. Rabin Das, Burdwan University visited Department on 23.02.2023 and delivered talks on “Statistics-its use and future” and interacted with the UG, PG and Ph.D. students.

National and International standard conference/Seminar/workshop/ Exhibition etc. attended by Teachers/Research scholars in details.

D. Bhattacharya

- 07.09.2022-11.09.2022, Chaired a session in the international workshop on “Integrated approaches of stochastic Modelling and data science for sustainable development” organized by the Indian Society for Probability and Statistics in the honour of Professor C.R. Rao (Padma Vibhushan).

D. S. Dhakre

- 07.07.2022-08.07.2022. Invited speaker in Workshop on Statistical Data Analysis organized by Centre for Journalism & Mass Communication (CJMC), Visva-Bharati.
- 06.12.2022. National Seminar on Questions of sustainability for contemporary development economics, organized by Economics Department in collaboration with IQAC Heramba Chandra College sponsored by ICSSR made a Presentation on A study on Awareness creation of sustainable waste management among high school students.

Academic distinction gained by Teachers/Scholars or the Department as a whole (Like recognition as D.S.A. or C.A.S. etc)

Debasis Bhattacharya

Membership of Learned Society

- The American Statistical Association
- The Institute of Mathematical Statistics, USA
- Indian Statistical Institute

- Calcutta Statistical Association
- Indian Science Congress Association
- Indian Association for Productivity, Quality and Reliability.

Editorial Responsibility

- Editor of the *Journal Stochastic Modelling and Applications*, ISSN: 0972-3641
- Managing Editor of *International Journal of Statistics and Management System*, ISSN: 0973-7359
- Editorial Board Member of *Global and Stochastic Analysis* ISSN 2248-9444.
- Associate Editor of the *Journal of the Indian Society for Probability and Statistics* ISSN: 2277 9620.
- Associate Editor, *IAPQR Transaction*, ISSN: 0970-0102.
- Editorial Board Member, *CSA Bulletin*, 0008-0683 (Print), 2456-6462 (Online).

Reviewer:

- Performed reviewing responsibility of research papers in several reputed national and international journals

Kader Ali Sarkar

Membership of Learned Society

- Life member of Indian Society of Agricultural Statistics

Publication:

- Books – 01
- Research Papers in peer reviewed / Refereed / UGC-CARE / ICAR-NAAS listed journals: - 15

Book

- Bhattacharya, D. & Kushwaha, D.S.(Eds.). (2022). Impact of Covid-19 on Health and Economic Issues of India. New Delhi Publishers, ISBN-9789393878533.

Research Papers in Peer reviewed/ Refereed/UGC-CARE /ICAR-NAAS listed journals:

Chapter-2

- Nath, B. & Bhattacharya, D. (2022). A study on trend and forecast of vegetable cultivation of West Bengal. *Environment and Ecology*, 40(3C),1612-1623.
- Mamta & Bhattacharya, D. (2022). Use of Markov chain model for studying disparities among districts producing potato: a major crop of West Bengal, India. *Scientist*, 1(3), 3702-3710.
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- Rudrapal, T., Saha, A., Dhakre, D.S. & Gupta, R.K. (2023). Determinants of Entrepreneurial Behaviour of Women Dairy Farmers by Using one way ANOVA Analysis in Sepahijala District of Tripura, *Journal of Community Mobilization and Sustainable Development*, 18(1), 1-7.
- Dhakre, D.S., Bhattacharya, D. & Nath, B. (2023). Analysis of Published work in Sangeet Galaxy e-Journal during 2012-2022: A Statistical Study, *Sangeet Galaxy*, 12(1), 5-19.

Any other relevant information:

The Department is trying to maintain its record of high performance in terms of teaching, research, and outreach programmes. Presently 12 students are pursuing Ph.D. in the Department. It is worth mentioning that Prof. Debasis Bhattacharya is serving as Chair Professor, A. K. Dasgupta Centre for Planning and Development, Niti Aayog and Hony. Director, Agro Economics Research Centre, Ministry of Agriculture and Farmers Welfare, GOI as his additional responsibility. It is also to report that Dr. Digvijay Singh Dhakre, has successfully completed 10 days' Workshop at A.K Dasgupta Centre for Planning and Development, Visva-Bharati as a part of the faculty development programme.

DEPARTMENT OF AGRONOMY

National and International standard Conference/Seminar/Workshop/ Exhibition etc.:

A.K. Barik

- 30.11.2022-03.12.2022. Technological breakthrough for large scale bioconversion of coir pith, a highly soil and water polluting material, huge GHG emitter with a very high GWP value, towards development of an effective GHG offsetting model by Bera, R., Datta, A., Bose, S., **Barik, A.K.**, Mallick, R., Das, A., Ganguli, M., Narasimhan, V.L., Quah, E. and Seal, A. **In 12th International Conference** on “Sustainable waste management and Circular Economy and IPLA Global Forum, 2022” Organized by 12th IconSWM-CE & IPLA Global Forum 2022 and International Society of Waste Management, Air and Water (ISWMAW) held at Sri Venkateswara University, Tirupati, Andhra Pradesh, India.

S.K. Maity

- 02.02.2023-03.02.2023. Chaired a session on "Integrated conventional and non-conventional stress management for sustainable crop production" for poster presentation in the International Conference on "Biotic and Abiotic Stress of Crop Plants and their Sustainable Management" organized by Department of Plant Pathology, Palli Sikhsa Bhavana, Visva-Bharati, Sriniketan.

P. Ghosh

- 22.09.2022-24.09.2022. Presented a paper entitled “Greenhouse gas emission from rice fields: a Review”, in the "International Conference on Air Quality and Human Health” organized by the Department of Environmental Studies, Visva-Bharati..

Ongoing Research Projects

G.C. Malik

- Bio-efficacy study of different agrochemicals in field crops.
- Sponsoring Agency: Crystal Crop Protection Pvt. Ltd.
- Amount Sanctioned: 4,42,500/-

- Bio+ phytotoxicity evaluation of some herbicides and fungicides in different crops against different weeds and diseases scenario.
- Sponsoring Agency: Syngenta India Ltd
- Amount Sanctioned: 45,60,000/-
- Bio-efficacy study of different agrochemicals in field crops.
- Sponsoring Agency: Sumitomo Chemical India Pvt. Ltd
- Amount Sanctioned: 33,45,300/-

B. Duary

- IRRI collaborative programme on Direct seeded Rice Consortium under ICAR-IRRI Collaborative Project Window 3
- Sponsoring Agency: International Rice Research Institute (IRRI), Manila, Philippines
- Amount Sanctioned: 25,000 USD
- Testing of Hybrids as well as high yielding varieties developed by GMS Agritech Pvt. Ltd.
- Sponsoring Agency: GMS Agritech Private Limited, Kolkata
- Amount Sanctioned: 8,26,800/-
- Bioefficacy of Orthosulfamuron 50% WG on transplanted rice.
- Sponsoring Agency: Nichino Chemical India Pvt. Limited, Hyderabad
- Amount Sanctioned: 3,64,000/-
- Bioefficacy of Orthosulfamuron 0.6% + Pretilachlor 6 % GR on transplanted rice
- Sponsoring Agency: Nichino India Pvt. Limited, Hyderabad
- Amount Sanctioned: 5,59,000/-

K. Pramanik

- Evaluation of bio-efficacy and phytotoxicity of ametryne 80% WDG and ametryn 73.1% w/w + trifloxysulfuron sodium 1.8% w/w WG on sugarcane,

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bentazone 480 g/l SL on soybean and transplanted paddy, WCPL 405 on sugarcane and maize crop

- Sponsoring Agency: Willowood Chemicals Pvt. Ltd.
- Amount Sanctioned: 44,33,260/-
- Evaluation of bio-efficacy and phytotoxicity analysis of haloxyfop-p-methyl 10.5% EC in soybean crop
- Sponsoring Agency: Willowood Chemicals Pvt. Ltd.
- Amount Sanctioned: 6,44,280/-
- Evaluation the efficacy of different bio stimulants on vegetable crops as well as crop safety
- Sponsoring Agency: Sanvardhini Agro Pvt. Ltd.
- Amount Sanctioned: 21,47,600/-
- Evaluation of bio-efficacy, phytotoxicity and residue of Gracia 10% EC against insect-pests of onion, cucumber, and tomato
- Sponsoring Agency: Godrej Agrovvet Limited
- Amount Sanctioned: 8,43,700/-
- Evaluation of bio-efficacy and phytotoxicity of stigmasterol and campesterol 0.01% w/w GR; β -sitosterol and stigmasterol 0.05% DF; and stigmasterol and campesterol 0.01% w/w SL on different field crops
- Sponsoring
- Agency: Willowood Chemicals Pvt. Ltd.
- Amount Sanctioned: 21,30,726/-

M. Banerjee

- Assessment of different biostimulants on phytotoxicity and productivity in diverse field crops
- Sponsoring Agency: Saraswati Agro Chemicals (INDIA) Pvt. Ltd.
- Amount Sanctioned: 46,25,600/-

- Bio-efficacy and phytotoxicity study of different field crops and their effect on succeeding crops
- Sponsoring Agency: Ross life science Ltd.
- Amount Sanctioned: 22,30,200/-
- Bio-efficacy and phytotoxicity study of different field crops and their effect on succeeding crops
- Sponsoring Agency: Givagro Ltd.
- Amount Sanctioned: 21,47,600/-
- Bio-efficacy and phytotoxicity study of different herbicides in field crops and their effect on succeeding crops
- Sponsoring Agency: Agrow Allied Ventures Pvt. Ltd.
- Amount Sanctioned: 7,82,340/-
- Bio-efficacy and phytotoxicity study of different herbicides in field crops and their effect on succeeding crops
- Sponsoring Agency: Bayer Crop Science Ltd.
- Amount Sanctioned: 53,10,000/-

N.C. Sarkar

- Comparative Performance evaluation of Rice Cultivars under the Agro-climatic Conditions of West Bengal
- Sponsoring Agency: Ramnagar Seed Farm Pvt. Ltd.
- Amount Sanctioned: 4,44,860/-
- Evaluation of DUS (Distinctiveness Uniformity Stability) Characters of Rice Cultivars under the Agro-climatic Conditions of West Bengal
- Sponsoring Agency: Ramnagar Seed Farm Pvt. Ltd.
- Amount Sanctioned: 5,98,260/-

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Pritam Ghosh

- Bio-efficacy and phytotoxicity study of different herbicides in field crops and their effect on succeeding crops
- Sponsoring Agency: Rainbow Agrosiences Private Limited
- Amount Sanctioned: 14,16,000/-

Extension activities/ NSS/ Cultural and other activities organized by the Department and participated by the Teachers and students of the Department:

Prof. A.K. Barik

- 20.08.2022. Acted as a resource person in a Radio Programme at Santiniketan AIR, Birbhum, on the topic “Improved technology of Millets Cultivation and its management” broadcasted in Kisan Vani programme at 6.30 pm.

B.K. Saren

- 03.06.2022. Delivered a lecture on ‘Raising good oil seed crops by means of micro irrigation & critical water management in oil seed crops’ in the Training meeting of Extension Workers of Birbhum District under NFSM (Oil Seed) organized by Additional Director of Agriculture (P) (Admn.) Birbhum at Training Hall of SAF, Hatzanbazar, Suri.
- 13.06.2022. Participated in the All India Radio programme on ‘Pre-cultivation Land Preparation – Talk in Santhali’ in the All India Radio, Kolkata programme, date of Recording 10.06.2022 and Date of broadcasting 13.06.2022 at 6:20 PM.
- 31.01.2023. Delivered a lecture on ‘Prospect of cultivation of Ragi in Purulia District’ in the Workshop for cultivation of Ragi (Finger millet) in Purulia District organized by Deputy Director of Agriculture (Admn.), Purulia.
- 11.03.2023. Participated in the All India Radio, Santiniketan, Kisan Vani Live-in programme on ‘Irrigation management in field crops under limited water situation’ in the All India Radio Santiniketan programme, Date of broadcasting on 11.03.2023 at 06:30 PM.
- 17.03.2023. Delivered a lecture on ‘Different types of millets & their cultivation practices’ in the district level Seminar to celebrate International Year of Millets (IYoM) organized by Deputy Director of Agriculture (Admn.), Birbhum at Conference Hall of Assistant Director of Agriculture, Bolpur-Sriniketan Block.

G.C. Malik

- 31.01.2023. Delivered a lecture on ‘Prospect of cultivation of Ragi in Purulia District’ in the Workshop for cultivation of Ragi (Finger millet) in Purulia District organized by Deputy Director of Agriculture (Admn.), Purulia.

B. Duary

- 18.7.2022. Imparted online training and delivered lecture on “Weed problem and management in *kharif* rice” in the programme of Diploma in Agricultural Extension Services for Input Dealers (DAESI) course for Birbhum District at RKVK, Visva-Bharati.
- 19.07.2022. As a resource person delivered lecture on “Weed management in *kharif* rice” in the Farmers Scientist Meet for Birbhum District organized by Palli Siksha Bhavana and RKVK, Visva-Bharati.
- 06.9.2022-09.09.2022. As a Keynote Speaker delivered lecture on Weed problem and its management on 08.09.2022 in four-day workshop on Partners Staff Capacity Building Programme of MCC, Kolkata during at Chetana Community Care Centre, Talit, Bardhaman.
- 06.9.2022-09.09.2022. Imparted Training and delivered lecture on Crop diversification in kitchen gardening, mixed and intercropping for nutritional security of small and marginal farmers on 08.09.2022 in four-day workshop on Partners Staff Capacity Building Programme of MCC, Kolkata at Chetana Community Care Centre, Talit, Bardhaman.

S.K. Maity

- 04.02.2023. Kisan Vani programmes on AIR-Santiniketan on the topics- lentil cultivation in rice fallow land (recorded programme on 25/11/2022) and maize cultivation (live programme on 04/02/2023).

K. Pramanik

- 13.08.2022. Kisan Vani Programme on “Cultivation of *kharif* green gram and black gram” for F. M. Radio, Santiniketan.
- 07.02.2023. Kisan Vani Live Phone-in Programme on “Cultivation of summer ground nut” for Kisan Vani programme of F. M. Radio, Santiniketan.

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- 17.03.2023. Invited lecture as resource person for the “A District level Seminar to celebrate International Year of Millets (IYoM)” organized by Office the Assistant Director of Agriculture, Government of West Bengal Bolpur-Sriniketan on “Importance of millet as nutri-cereals and strategy of millets popularization in Birbhum”.
- 20.03.2023. Invited lecture as resource person on “Cultivation of summer green gram and black gram” for the “Diploma in Agricultural Extension Services for Input Dealers course” organized by Rathindra Krishi Vigyan Kendra, Visva-Bharati, Sriniketan.
- 21.03.2023. Invited lecture resource person on “Cultivation of summer green gram and black gram” for the “Diploma in Agricultural Extension Services for Input Dealers course” organized by Rathindra Krishi Vigyan Kendra, Visva-Bharati, Sriniketan.

M. Banerjee

- 21.09.2022. Participated in Kisanvani Programme.
- 13.01.2023. Participated in Kisanvani Programme.
- 13.02.2023. Participated in Krishidarshan: Pulse Cultivation.
- 03.03.2023. Participated in Kishanvani Programme.
- 20.04.2023. Participated in Krishidarshan: Improved Technology of Medicinal and Aromatic plants.

N.C. Sarkar

- 04.03.2023. Kisan Vani live phone-in programme on the topic “international year of millets”
- 02.02.2023-03.02.2023. Attended and presented lecture on the title *Effect of different levels and methods of zinc application on transplanted rice* in the *International conference on Biotic and Abiotic Stress of Crop Plants and their Sustainable Management* organized by the Department of Plant Pathology, Palli Siksha Bhavana, Visva-Bharati university.

P. Ghosh

- 07.03.2023. Delivered talk on 'Weed management of boro rice' in Kishanvani Live Phone-In Programme at Prasar Bharati, All India Radio, Santiniketan.

Academic Distinctions gained by Teachers/ Scholars of the Department as a whole (Like recognition as D.S.A. or C.A.S etc) :

A.K. Barik

- Adjunct Professor/faculty of Uttar Banga Krishi Viswavidyalaya(UBKV), Pundibari, Coochbehar, West Bengal.
- Acted as external nominated member of Faculty Council of Agriculture, BCKV, Mohanpur, Nadia, West Bengal.
- Acted as Member of Editorial Board, Indian Society of Agronomy, New Delhi.
- Life member of Indian Society of Agronomy, New Delhi.
- Life member of Indian Society of Forage crops, Hisar. Haryana
- Life member of Indian Society of Soil Biology and Ecology, UAS, Bangalore.

B.K. Saren

- Nominated as External Member in the Ph.D. Research Advisory Committee of the Department of Agronomy, Calcutta University.
- Nominated by Chairman ASRB as External Member of Assessment Committee for CAS/ Promotion of Staffs of ICAR-CRIJAF, Barrackpore.
- Life Member, Indian Society of Agronomy, IARI, New Delhi

B. Duary

- Member of the Advisory Committee for the preparation of Agromet Advisory Bulletins for Birbhum district as a whole and for each block separately under District Agromet Unit (DAMU) of Gramin Krishi Mausam Sewa (GKMS) scheme of RKVK, Visva-Bharati.

K. Pramanik

- Life Member of Indian Society of Agronomy, IARI, New Delhi
- Life Member of Crop and Weed Science Society, BCKV, Nadia, West Bengal
- Life Member of Indian Society of Soil Biology and Ecology, Bengaluru
- Life member of Association of Rice Research Workers (ARRW), Cuttack, Odisha
- Life member of International Journal of Bio-resource, Environment and Agricultural Sciences, Santiniketan
- Life Member of Indian Society of Weed Science

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- Life Member of International Journal of Bio-resource and stress management
- Life Membership of Association of Agrometeorologists
- Secretary, Society of Bio-resource, Environment and Agricultural Research, Santiniketan
- Managing Editor, International Journal of Bio-resource, Environment and Agricultural Sciences, Santiniketan.

M. Banerjee

- Nodal Officer-WBSCC scheme.

N.C. Sarkar

- Life Member, Indian Society of Agronomy, IARI, New Delhi.
- Life Member, Society for Bioresource and Stress Management, Kolkata, India.

P. Ghosh

- Life Member of Indian Society of Agronomy, IARI, New Delhi.
- Life member of Indian Society of Weed Science.
- Life member of Crop and Weed Science Society.

Publications:

- Saha, B., Barik, A.K. and Mandal, N. (2022). Crop diversification for enhancing productivity, profitability and resource use efficiency of rice (*Oryza sativa* L.) – based systems in red and lateritic soils of eastern region. *Indian Journal of Agricultural Sciences* 92(8): 974-977.
- Das, T., Barik, A.K. and De, P. (2022). Effect of tillage practices and foliar spray of micronutrients on growth, yield components and yield of grasspea (*Lathyrus sativus* L.) in rice-fallow system. *International Journal of Bio-resource and Stress management*, 13 (11): 1269-1276.
- Mandal, N., Barik, A.K. and Saha, B. (2022): Studies on residual effect of integrated nutrient management in hybrid rice on succeeding lentil in rice-lentil system under old alluvial soil. *Current Advances in Agricultural Sciences* 14(2): 154-157.

- Bera, R., Datta,A., Bose, S., Dutta, S., Mukhopadhyay, K., Goswami, K.K., Debnath, M., Barik, A.K., Ganguli, M., Narasimhan,V.L., Quah, E., Bhattacharya, P. and Seal, A. (2022): Recycling of waste utilizing Novcom composting technology towards GHG abatement from source. *International Journal of Environment and Climate Change*,12(12): 1605-1629.
- Biswas, C.,Pramanik, K., Saren, B.K.,Mondal, S. and De, S.K. (2022). Performance of Indian Mustard cv. Kesari Gold under different Sowing Method and Nutrient Management, *ChemicalEngineering*, DOI: <http://dx.doi.org.10.53709.CHE.2022.v03i01.001>.
- Dey, J.K., Saren, B.K.,Debnath, A., Gudade, B.A., Singh, S., Kumar, A.,Palai, J.B., Gaber, A. and Hossain, A. (2022). Productivity and Nutrient Dynamic of Legume in a Maize-legume Cropping System are Influenced by Biomulches Under No-tillage System, *International Journal of Plant Production*, <https://doi.org.10.1007.s42106-022-00204-5>
- Chatterjee, T., Saren, B.K.,and Avasthe, R. K. (2022). Impact of organic manures and land configuration on soil lose and nutrients lose in rice bean [*Vigna umbellecta* (Thunb.) Ohwi and H. Ohashi)] grown in Sikkim hills. *International Journal of Agricultural Sciences*, 18:124-129.
- Chatterjee,T., Saren, B.K.,and Avasthe,R. K. (2022). Effect of organic manures and land configuration on growth and yield of rice bean [*Vigna umbellecta* (Thunb.)Ohwi and H. Ohashi] in Sikkim Himalayan Region. *International Journal of Plant Sciences*, 17:28-35
- Das, K., Saren, B.K., and Pramanik, K. (2022). Effect of Depth of Sowing and Mulching on Rainfed Chickpea (*Cicer arietinum*) in Red and Lateritic Belt of West Bengal. *Indian Journal Agricultural Research*, DOI:10.18805.IJARE.A-6009.
- Mishra, G., Banerjee, M., Mohapatra,A.K.,Saren, B.K.and Duary, B. (2022). Weed dynamics and crop productivity as influenced by different tillage and weed management practices in kharif maize (*Zea mays* L.). *The Pharma Innovation*, 11(8): 1052-1056.
- Dey, J.K., Saren, B.K.,Duary, B. and Pramanik, K. (2023, February). Effect of Depth of Sowing and Mulching on Rainfed Chickpea (*Cicer arietinum*) in Red and Lateritic Belt of West Bengal. *Legume Research- An International Journal*, 46 (2): 176-180.
- Manisankar, G., Ghosh, P., Malik, G.C. and Banerjee, M. (2022).Recent trends in

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- chemical weed management: A review. *The Pharma Innovation Journal*, 11(4): 745-753.
- Manisankar, G., Banerjee, M. Malik, G.C., Sathiyabama,N.(2022). Robotics in Weed Management: A review. *Agricultural Mechanization in Asia*, 53(4): 7013-7030.
 - Ghosh, A., Banerjee, M., Malik, G.C., DuvvadaS.K., and Das Bairagya, M. (2022). Integrated weed management on growth and yield of transplanted Kharif rice and its residual effect on succeeding lathyrus, *The Pharma Innovation Journal*, 11(4): 1806-1811, E-ISSN-2277-7695, P-ISSN-2349-8242.
 - Paul, S.K.,Malik,G.C., Banerjee, M. and Chowdhury,A. (2022). Effect of carrier and liquid based biofertilisers on summer green gram [*Vigna radiata* (L.) Wilczek] grown in Red Laterite Soil. *Legume Research*, DOI:10.18805.LR-4680.
 - Ghosh, M., Biswas, P.K., Banerjee, M., Malik, G.C., Paul, S.K. (2022). Dissipation kinetics of etoxazole 10 SC in.on Brinjal. *Environment and Ecology*, 40 (2C) :833-837,
 - Banerjee, M., Malik, G.C., Paul, S.K. (2022). Evaluation of different doses of Prodigy 0.1 % GR (Gibberellic Acid 0.1 % GR) in transplanted rice and its effect on succeeding rapeseed Crop. *Environment and Ecology*, 40 (3C):1773-1778.
 - Gudade, B.A., Malik, G.C. and Das, A., Babu, S., Banerjee, M., Kumar, A., Singh, R., Bora, S.S. and Harsha, K.N. (2022). Performance of French bean crop as influenced by biochar levels and INM practices in acid Inceptisol of Meghalaya. *Ann. Agric.Res.New Series*, 43 (4): 84-89
 - Shankar, T.,Banerjee, M., Malik, G.C., Dutta, S.,Praharaaj, S.,Lalichetti, S., Mohanty, S., Bhattacharyay, D., Maitra, S., Gaber, A., Das, A.K., Sharma, A. and Hossain, A. (2022). Prediction of the effect of nutrients on plant parameters of rice by artificial neural network.*Agronomy*,12,2123.<https://doi.org/10.3390.agronomy12092123>.
 - Bhowmik, C., Paul, S.K., Banerjee, M., Malik, G.C., Duvvada S.K., Das Bairagya, M., a Sahoo, U., Das, S. (2022). Performance of pre-emergence herbicide in summer groundnut in laterite soil of West Bengal. *Environment and Ecology*, 41 (1): 152-159.
 - Satapathy, B.S., Chatterjee, D., Saha, S., Duary, B. and Singh, T. (2022). Weed management in a direct seeded rice-ratoon cropping system. *The Journal of*

Agricultural Sciences, 1-10. Published by Cambridge University Press. DOI: <https://doi.org/10.1017.S0021859622000168>.

- Mukherjee, A., Duary, B. and Ghosh, C. (2022). Effect of crop establishment techniques and weed management practices on management of weedy rice. *SatsaMukhopatra- Annual Technical Issue*, 26, 18-227.
- Mukherjee, A. and Duary, B. (2022). Emergence and growth of weedy rice species in response to soil burial depth, moisture and period of sowing. *Journal of Crop and Weed*, 18(1), 238-243. DOI: <https://doi.org/10.22271.09746315.2022.v18.i.1558>.
- Sar, K. and Duary, B. (2022). Weed management in direct seeded rice under conservation agriculture-based rice-yellow sarson-green gram cropping system in lateritic belt of West Bengal. *Biological Forum*, 14(2), 944-947.
- Sar, K. and Duary, B. (2022). Weed management in yellow sarson under conservation agriculture-based rice-yellow sarson-green gram cropping system in lateritic belt of West Bengal. *The Pharma Innovation*, 11(5), 2026-2029.
- Mishra, G., Banerjee, M., Mahapatra, A. K., Saren, B. K. and Duary, B. (2022). Weed dynamics and crop productivity as influenced by different tillage and weed management practices in *kharif* maize (*Zea mays* L.). *The Pharma Innovation*, 11(8), 1052-1056. ISSN No. (Print):2349-8242; ISSN No. (E):2277-7695.
- Jaiswal, D. K., Duary, B., Madhukar, Banthala and Jaiswal, D. (2022). Management of diversified weed flora in dry direct seeded rice using herbicide under different tillage in rice-yellow sarson crop sequence in lateritic belt of West Bengal. *Biological Forum*, 4(3), 1558-1561.
- Jaiswal, D. K., Duary, B., Madhukar, Banthala and Jaiswal, Divya. (2022). Influence of rice herbicides on weed growth and nutrient removal under different tillage in rice–yellow sarson cropping sequence. *International Journal of Bioresource and Stress Management*, 13(12), 1458-1464. DOI: <http://doi.org/10.23910.1.2022.3230>.
- Debangshi, Udit and Duary, B. (2022). Critical impact of climate change on different properties of weed, herbicide and their vulnerabilities and consequences. *Scientist*, 1(3), 4581-4602. DOI: <http://dx.doi.org/10.5281.zenodo.7434336>.
- Mohanty, P., Sar, K., Duary, B. and Mishra, G. (2023). Effect of sole and ready-mix herbicides on weeds and productivity of summer green gram in Odisha. *Indian*

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Journal of Weed Science, 55(1), 50-53. DOI: <http://dx.doi.org/10.5958.0974-8164.2023.00009.6>.

- Mondal, S., Mondal, S. &Pramanik, K. (2022). Effect of Nutripriming with Boric Acid, Zinc Sulphate Heptahydrate and its Combination on Germination Physiology of Lentil (*Lens culinaris* L.) cv. HUL 57. *Agricultural Science Digest*. DOI: 10.18805.ag.D-5584.
- Das, K., Saren, B.K. &Pramanik, K. (2022). Effect of Depth of Sowing and Mulching on Rainfed Chickpea (*Cicer arietinum*) in Red and Lateritic Belt of West Bengal. *Indian Journal of Agricultural Research*. DOI: 10.18805.IJARe.A6009
- Biswas, C., Pramanik, K. & De, S. K. (2023). Productivity and profitability of Indian mustard under nutrient management and different sowing method in lateritic soil of West Bengal. *Journal of Environmental Biology*, 44, 250-258.
- Dey, J.K., Saren, B. K. Duary, B. &Pramanik, K. (2023). Performance of Zero-till Bio-mulching on Different Pulses under Maize-legume Sequence. *Legume Research- An International Journal*., 46 (2), 176-180.
- Sarkar, N.C., Mondal, K., Das, A., Mukherjee, A., Mandal, S., Ghosh, S., Bhattacharya, B., Lawes, R., Huda, S. (2023). Enhancing Livelihoods in Farming Communities through Super-resolution Agromet Advisories using Advanced Digital Agriculture Technologies. *Journal of Agrometeorology* 25 (1): 68 - 78 DOI: <https://doi.org/10.54386.jam.v25i1.2080>.
- Vikram, N., Sarkar, N.C. (2022). Rice bean (*Vigna umbellata*) – A Potential Legume under Adverse Conditions. *International Journal of Bio-resource and Stress Management* 13(9): 928 – 934.
- Debangshi, U., Ghosh, P., Tiwari, H., Maurya, D.K., & Kumar, M. (2022). Urban resiliency towards climate change. *International Journal of Environment and Climate Change*, 12(11): 2037-2055. DOI: 10.9734/IJECC.2022.v12i1131194.
- Barui, P., Ghosh, P., &Debangshi, U. (2022). Vertical farming - an overview. *Plant Archives*, 22(2): 223-228. DOI Url : <https://doi.org/10.51470.PLANTARCHIVES.2022.v22.no2.038>.

Book chapter

- Sahoo, U., Gaikwad, D.J., Banerjee, M., Malik, G.C. and Moitra, S. (2023). Artificial media for soilless cultivation, *Advances in Agricultural Technology*, GRIFFON, ISBN: 978-17-77795-91-7, pp:29-45.

Other relevant information:

The Department has been trying to motivate the farmers to grow pulse crops under rainfed situation in Rice-Fallow areas through training, field demonstration as well as transfer of production technologies. Availability of quality crop seeds to the farmers is always a challenging task. Production of quality seeds is the only way to overcome the problem of availability of seeds. This Department is taking pivotal role to produce certified seeds for the farmers.

DEPARTMENT OF ANIMAL SCIENCE

**Academic distinctions gained by Teachers. Scholars or the Department as a whole
(Like recognition as D.S.A. or C.A.S. etc.)**

J.K. Chatterjee

- Nodal Officer, ICAR, Visva-Bharati
- Nodal Officer, SVMCM, Scholarship Govt. of West Bengal
- Member of IAEC, Siksha Bhavana, Visva-Bharati

Any other relevant information:

The activities of the Department comprise mainly of teaching, research and extension work. The Department offers teaching programs both in undergraduate and post-graduate levels. This Department also undertakes the courses offered in the UG program. The Department has been offering one post graduate courses, namely, M.Sc. in Animal Science (Poultry).

Besides teaching and research activities, the teachers and students are involved in extension activities for solving various problems of the farmers in the locality. Farmers are advised for formation of different livestock enterprises and animals of the farmers are being treated and vaccinated time to time with help of Rathindra Krishi Vigyan Kendra. Under RAWE program orientation on livestock management is given to the UG students.

DEPARTMENT OF CROP PHYSIOLOGY

National and International standard Conference.Seminar.Workshop.Exhibition etc.:

(Mrs) Sananda Mondal

- 08.08.2022-11.08.2022. Presented paper entitled “Perspectives of moringa leaf extract as seed biopriming agent under natural and stressful condition” in the “8th International Conference on Agricultural & Biological Sciences (ABS 2022)’ organized by Bohai University, China via Online with MS Team.
- 22.09.2022-23.09.2022. Presented paper entitled “Sulfate transporters in developing seeds of *Arabidopsis thaliana*” in the “National Symposium on Emerging Innovations in Plant Molecules for Achieving Food and Nutritional Security” organized by ICAR-IARI, New Delhi, held at Navsari Agricultural University, Navsari.

Ongoing Research Projects in the Department

- Name of the Teacher: Dr. Debasish Panda (Co-Principal Investigator).
- Name of the Project: Assessment of combinatorial effect of SUB1A and SK loci in lowland indigenous rice lines for tolerance to flash flood followed by stagnation.
- Sponsoring Agencies: SERB, DST, Govt. of India.
- Amount Sanctioned: Rs.42,64,832/-

Extension activities/NSS/Cultural and other activities organized by the Department and participated by the teachers and students of the Department

- 27.07.2022. Radio talk was delivered by Dr. (Mrs.) Sananda Mondal on the topic ‘Perspectives of rainfed kharif rice’.
- 18.02.2023. Radio talk was delivered by Dr. (Mrs.) Sananda Mondal on the topic ‘Role of micronutrient in summer crops.’

Academic distinctions gained by Teachers/ Scholars or the Department as a whole (Like recognition as D.S.A. or C.A.S. etc.)

Debasish Panda

- Co-PI of the Cluster Frontline Demonstration on Sunflower of Palli Siksha Bhavana

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- Life Member of Indian Society of Plant Physiology, IARI, New Delhi
- Life Member of Crop and Weed Science Society, BCKV, Nadia, West Bengal
- Life Member of the Society of Bio-resource, Environment and Agricultural Research, Santiniketan, West Bengal

(Mrs) Sananda Mondal

- 01.09.2022-30.09.2022. Participated and successfully completed the Massive Open Online Course (MOOC) on 'Digital Assessment and Evaluation Methodologies' organized by ICAR-National Academy of Agricultural Research Management, Rajendranagar, Hyderabad, Telangana.
- Life Member of Indian Society of Plant Physiology, IARI, New Delhi.
- Life Member of Crop and Weed Science Society, BCKV, Nadia, West Bengal.
- Life Member of The Indian Science Congress Association, Kolkata, West Bengal.
- Life Member of Society of Bio-resource, Environment and Agricultural Research, Santiniketan, West Bengal.
- Member of Editorial Board of International Journal of Bio-resource, Environment and Agricultural Sciences, Santiniketan.

Publications:

Research Papers:

- Singal, R.K., Kumar, M., Bose, B., Mondal, S., Srivastava, S., Dhankher, O.M., & Tripathi R.D. (2022). Heavy metal (loid)s phytotoxicity in crops and its mitigation through seed priming technology. *International Journal of Phytoremediation*, doi:10.1080.1522651.2022.2068502
- Mondal, S., & Bose, B. (2022). Effect of potassium nitrate on germination physiology of magnesium nitrate primed and non-primed rice seeds var. Swarna. *Ecology, Environment and Conservation*, 28(3), 1507-1515.
- Mondal, S., Mondal, S., & Pramanik K. (2022). Effect of nutripriming with boric acid, zinc sulphate heptahydrate and its combination on germination physiology of lentil (*Lens culinaris* L.) cv. HUL 57. *Agricultural Science Digest*, doi:10.18805.ag.D-5584
- Mondal, S. (2022). Heavy metal stress-induced activation of Mitogen- Activated Protein Kinases signaling cascade in plants. *Plant Molecular Biology Reporter*, doi:10.1007.s11105-022-01350-w

Number of papers published in peer reviewed journals: 4

Designing New Course/Curriculum or any other teaching innovations introduced by the Department:

The Department of Crop Physiology has designed the eight new M.Sc. (Ag) courses and curriculum in Plant Physiology according to New BSMA guidelines of ICAR effective from the Academic year 2022-23.

DEPARTMENT OF GENETICS AND PLANT BREEDING

**National & International standard Conference.Seminar.Workshop.Exhibition etc.
attended by Teachers.Research scholars in details:**

Amitava Paul

- 28.11.2022-02.12.2022. Participated Online Short-Term Course (5 days) on “Deep Learning Algorithms and applications in Engineering and Sciences” conducted by the Department of CSE-AI & ML SNIST, Hyderabad in association with CCE, NIT Warangal.

Nihar Ranjan Chakraborty

- 28.11.2022-02.12.2022. Participated Online Short-Term Course (5 days) on “Deep Learning Algorithms and applications in Engineering and Sciences” conducted by the Department of CSE-AI & ML SNIST, Hyderabad in association with CCE, NIT Warangal.

Sandip Debnath

- 01.07.2022. Invited Talk in International Webinar on “Use of Bioinformatics Related Tools for Plant Breeding Research” organized by Research Circle, Malaysia
- 16.07.2022. Presented Oral presentation on “Principal component and path analysis for trait selection based on the evaluation of various lentil populations developed by gamma-irradiated physical mutation” in the International Conference “International Conference on Green Technology, Agriculture Information Technology, Business Management and Social Sciences” organized by Centurion University of Technology and Management, Odisha, India
- 03.08.2022. Invited Talk in International Webinar on “Designing PCR Primers using Bioinformatics Tools” organized by Research Circle, Malaysia
- 28.11.2022-02.12.2022. Attended a short-term programme on “Deep Learning Algorithms and Applications in Engineering and Sciences”, organized by National Institute of Technology-Warangal.

Ongoing research projects in the Department:

- Crop breeding on rice, sesame, lentil, and other crops.

Extension activities.NSS.Cultural and other activities organized by the Department and participated by the teachers and students of the Department.

Teachers and students of the Department are actively engaged in the extension activities organized by the Institute from time to time on transfer of technology programmes. This includes organizing students and farmers in undertaking extension programme, T.V. and Radio programmes *etc.* The faculty members also participated in various training programmes (organized by RathindraKrishiVigyan Kendra,Visva-Bharati, Govt. of West Bengal, NGO's etc.).

Deliberation of lectures:

Paresh Chandra Kole

- 20.07.2022. Delivered a lecture at Two Days Extension Official Training Meeting under the Scheme TRFA (OS) during 2020-21 Implemented in 2022-23 at Bolpur Subdivision, Birbhum, WB.

Television programme and radio talk:

Nihar Ranjan Chakraborty

- 15.07.2022. Participated on recorded radio programme on “Conservation and recycling of folk rice during changing environment” organized by All India Radio, Kolkata A. (Recorded on 15th and broadcasted on 29th July 2022).
- 13.12.2022. Participated on live phone-in radio programme on “Cultivation of Mustard” organized by All India Radio, Santiniketan.

Academic distinctions gained by teachers/scholars of the Department as a whole (like recognition as D.S.A. or C.S.A. etc.).

P.C. Koley:

- Reviewer of several reputed national and internal journals.

Amitava Paul

- Life member of the following societies:
- Indian Society of Genetics and Plant Breeding, New Delhi.
- Crop and Weed Science Society, BCKV, Nadia.
- Biosciences & Agriculture Advancement Society, Meerut.
- The Indian Science Congress Association.
- Association for Plant Breeding and Improvement (APBI), CU, Kolkata.

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- Reviewer of several reputed national and internal journals.

Nihar Ranjan Chakraborty

Life member of the following:

- Indian Science Congress Association (ISCA)
- Association for Plant Breeding and Improvement (APBI), Kolkata

Sandip Debnath

- Received Distinguished Academician Award from Society of Ecological Sustainability, Odisha on Teachers Day, 2022.
- Reviewer of several reputed national and internal journals

Publications:

Research papers

- Devi, T.R., Kole, P.C. and Sahoo M.R. (2022). Influence of basal vitamins, growth regulators, and explants on in vitro organogenesis from synthetic seeds of *Citrus jambhiri* Lush. *J. Applied Hort.*, 24(2): 140-144.
- Sar, P. and Kole, P.C. (2022). Genetic diversity in rice (*Oryza sativa* L.) based on morphological characters. *Env. & Ecol.*, 40(2C): 1005-1009.
- Longkho, K. and Kole, P.C. (2022). Analysis of yield components on seed yield in F4 families of rice (*Oryza sativa* L.). *Eco. Env. & Cons.*, 28 (December Suppl. Issue): S238-S243. DOI:<http://doi.org.10.53550.EEC.2022.v28i08s.036>
- Sunny, A., Chakraborty, N.R., Kumar, A., Singh, B.K., Paul, A., Maman, S., Sebastian, A. and Darko, D.A. (2022). Understanding Gene Action, Combining Ability, and Heterosis to Identify Superior Aromatic Rice Hybrids Using Artificial Neural Network. *Journal of Food Quality* Volume 2022, Article ID 9282733, 16 pages <https://doi.org.10.1155.2022.9282733>.
- Pokhrel, H. and Paul, A. (2022). Effect of media for *in vitro* seed germination of *Vanda coerulea*. *Biological Forum*, 14(1): 180-183.
- Pokhrel, H. and Paul, A. (2022). Effect of growing media and nutrition on establishment of *Vanda coerulea* plantlets during hardening. *International Journal of Plant & Soil Science* 34(15): 84-89.
- Margam, B.K., Chakraborty, N.R. and Sadhu, A. (2022). Assessment of genetic diversity based on agro-morphological traits in Indian mustard [*Brassica juncea* (L.)

- Czern. & Coss.] germplasm". *Electronic Journal of Plant Breeding*, 13(3):1-5. <https://doi.org/10.37992.2022.1303.115>
- Chakraborty, N.R., Lakshman, S.S., Debnath, S. and Rahimi, M. (2022). Yield stability and economic heterosis analysis in newly bred sunflower hybrids throughout diverse agro-ecological zones. *BMC Plant Biology*, 22:579, <https://doi.org/10.1186.s12870-022-03983-1>
 - Debnath, S., Kant, A., Bhowmick, P., Malakar, A., Purkaystha, S., Jena, B.K., Mudgal, G., Rahimi, M., Helal, M.M.U., Hasan, R. and Chen J.T. (2023). The Enhanced Affinity of WRKY Reinforces Drought Tolerance in *Solanum lycopersicum* L.: An Innovative Bioinformatics Study. *Plants*, 12(4):762. <https://doi.org/10.3390.plants12040762>
 - Alamri, A.H., Debnath, S., Alqahtani, T., Alqahtani, A., Alshehri, S.A. and Ghosh, A. (2023). Enhancing plant-derived smart nano inhibitor in targeting mammalian target of rapamycin (mTOR) in breast cancer using Curcuma longa-derived compound curcumin" *Environmental Science and Pollution Research*, 1-8. <https://doi.org/10.1007.s11356-023-25375-0>
 - Debnath, S., Sharma, D., Chaudhari, S. Y., Sharma, R., Shaikh, A. A., Buchade, R. S., ... & Abdel-Daim, M. M. (2023). Wheat ergot fungus-derived and modified drug for inhibition of intracranial aneurysm rupture due to dysfunction of TLR-4 receptor in Alzheimer's disease. *PloS one*, 18(1), e0279616. <https://doi.org/10.1371/journal.pone.0279616>
 - Perveen, K., Alfagham, A. T., Debnath, S., Bukhari, N. A., Wei, D. Q., Alshaikh, N. A., & Alwadai, A. S. (2023). Enriching drought resistance in *Solanum lycopersicum* using Absciscic acid as drought enhancer derived from *Lygodium japonicum*: A new-fangled computational approach. *Frontiers in Plant Science*, 14. <https://doi.org/10.3389.fpls.2023.1106857>
 - Chand, S. P., Debnath, S., Rahimi, M., Ashraf, M., Bhatt, P., & Rahin, S. A. (2022). Contextualization of trait nexus and gene action for quantitative and qualitative characteristics in Indian mustard. *Journal of Food Quality*, 2022. <https://doi.org/10.1155.2022.4387318>
 - Singh, A., Vaidya, G., Jagota, V., Darko, D. A., Agarwal, R. K., Debnath, S., & Potrich, E. (2022). Recent advancement in postharvest loss mitigation and quality management of fruits and vegetables using machine learning frameworks. *Journal of Food Quality*, 2022, 1-9. <https://doi.org/10.1155.2022.6447282>

Chapter-2

Book Chapters

- Prasad, K.M., and Chakraborty, N.R. (2022). Genetic diversity in agricultural plants. In: *Futuristic Trends in Biotechnology*, Volume 2, Book 26, Chapter 8, page No.: 111-125; IIP Proceedings; ISSN.ISBN:978-93-95632-83-6; DOI.Link:<https://rsquarel.org.assets.docupload.rsl2023CCB6589A14BEB9E.pdf>.
- Jayasri, V, Shaik Aisha, and Chakraborty, N.R. (2022). Innovative ways to breed plants with the goal of feeding the whole world”. In: *Futuristic Trends in Biotechnology*, Volume 2, Book 26, Chapter 5, Page No.: 70-81; IIP Proceedings; ISSN.ISBN:978-93-95632-83-6. DOI.Link: <https://rsquarel.org.assets.docupload.rsl20231EFD4DB34D84A5F.pdf>.

Book

- Chakraborty, N.R., Debnath, S., Rajan, N., and Pandey, B. (2022). *Conservation of biodiversity: mitigating environmental challenges and threats*. Phoenix International Publication House, 978-93-5515-136-0 (ISBN).
- Debnath, S. (2022). *Molecular Plant Breeding and Bioinformatics*. Lulu Publication, USA, 9781387731169 (ISBN).
- Debnath, S. (Ed.). (2022). *Futuristic Trends in Biotechnology, Volume 2*. IIP Proceedings, 978-93-95632-83-6 (ISBN).
- Debnath, S., Kahkashan, P., Bukhari, N.A., Rajan, N. (2023). *Principles of Genetics*. AGPH Publishers, India, 978-9395468381 (ISBN).

Any other relevant information:

The Department of GPB, started functioning from 2019. M.Sc. (Ag) in Genetics and Plant Breeding started from Academic session 2015-16 with an intake capacity of six students (at present eight). The Department offers various courses on Genetics & Plant Breeding, Cytogenetics, Quantitative Genetics, Plant Biotechnology, Bioinformatics, Breeding Field Crops etc. at U.G. and P.G.level. Besides the U.G. and P.G. courses, the faculty members of the Department are also actively engaged in guiding students in research work leading to M.Sc. and Ph.D. degree, and extension activities. The faculty members conducted special classes exclusively for the purpose of ICAR-JRF and other competitive examinations.

There is an extensive use of e-resources eg. e Krishisiksha (ICAR), e pgPathsala, CSHL DNA Learning Centre (Cold Spring Harbour Laboratory) etc. for betterment of

teaching –learning process. Students are encouraged to use Virtual laboratories like ‘Virtual Amrita laboratories’ (MHRD) for development of practical skill in a customized manner.

DEPARTMENT OF HORTICULTURE & POSTHARVEST TECHNOLOGY

Departmental Seminar (Speakers, Title of the Seminar, Date)

- 14.04.2022-15.04.2022. Dr. Goutam Mandal jointly organized a Virtual National Conference on “The Legacy of Dr. B.R. Ambedkar and Savitribai Phule in Women Empowerment”.
- 22.03.2023. Department arranged an invited lecture entitled “Seed Production of Vegetable Crops” delivered by Prof. Amit Ranjan Mandal, BCKV, Mohanpur (West Bengal).

National & International standard Conference.Seminar.Workshop.Exhibition etc. attended by Teachers.Research scholars in details:

Goutam Mandal

- 02.02.2023-03.02.2023. Presented paper on “Application of **environmentally friendly nano-fertilizers increases crop productivity and quality in horticultural crops**” in the International Conference on “Biotic and Abiotic Stress of Crop Plants and their Sustainable Management” organized by Department of Plant Pathology, Institute of Agriculture, Visva-Bharati, West Bengal.
- 02.02.2023-03.02.2023. Performed as Chairperson in the Titled Theme1: *Biotic and abiotic causes of crop diseases their detection, identification and characterization* in the International Conference on “Biotic and Abiotic Stress of Crop Plants and their Sustainable Management” held in the Department of Plant Pathology, Institute of Agriculture, Visva-Bharati, West Bengal
- 14.04.2022-15.04.2022. Performed as Co-Chairperson in Technical Session-IV in the ‘Virtual National Conference On “The Legacy of Dr. B.R. Ambedkar and Savitribai Phule in Women Empowerment”, organized By SC, ST, OBC Employees Welfare Association of Visva-Bharati, Santiniketan.

Prahlad Deb

- 26.05.2022-27.05.2022. Presented a paper entitled “Pineapple under Western Dry Tract of West Bengal – A Research Note” in the National Seminar on “Horticulture

for Sustainable Development, Nutritional & Livelihood Security” organized by Uttar Banga Krishi Viswavidyalaya, Pundibari, Cooch Behar, west Bengal.

- 08.11.2022. Presented a paper entitled “Fruit Physicochemical Characterization of Some Wood Apple Genotypes under Semiarid Lateritic Belt of Eastern India” in the “International Seminar on Emerging Trends in Biological Sciences” organized by Department of Botany, Suri Vidyasagar College, Suri, West Bengal
- 24.11.2022-26.11.2022. Delivered on Invited Lecture on “Variation in Fruit Physico-Chemical Characters of Some Jackfruit Genotypes under Semi-arid Lateritic Belt of West Bengal, India” in the “6th International Symposium on Minor Fruits, Medicinal & Aromatic Plants: Health, Wealth and Sustainability” organized by Society of MFMAP & COBACAS, UBKV, Pundibari, Cooch Behar, West Bengal
- 19.01.2023-20.01.2023. Presented a paper entitled “Effect of Postharvest Microbial Inoculation on Enhancing Shelf-life of Litchi” in the “National Seminar on Climate Resilient and Input Efficient Agriculture for Food and Nutritional Security” organized by Uttar Banga Krishi Viswavidyalaya, Pundibari, Coch Behar, West Bengal
- 02.02.2023-03.02.2023. Presented a paper entitled “Postharvest Application of Microbial Inoculants on Litchi for Maintaining Quality and Shelf-life” in the International Conference on Biotic and Abiotic Stress of Crop Plants and their Sustainable Management” organized by Department of Plant Pathology, PSB, Visva-Bharati, West Bengal.
- 26.05.2022–27.05.2022. Acted as Judge in a Poster Session of the National Seminar on “Horticulture for Sustainable Development, Nutritional & Livelihood Security” organized by Uttar Banga Krishi Viswavidyalaya, Pundibari, Cooch Behar, West Bengal.
- 08.11.2022. Chaired a Session in the “International Seminar on Emerging Trends in Biological Sciences” organized by Department of Botany, Suri Vidyasagar College, Suri, West Bengal.
- 24.11.2022-26.11.2022. Co-chaired a session in the “6th International Symposium on Minor Fruits, Medicinal & Aromatic Plants: Health, Wealth and Sustainability” organized by Society of MFMAP & COBACAS, UBKV, Pundibari, Cooch Behar, West Bengal.

Extension activities.NSS.Cultural and other activities organized by the Department and participated by the Teachers and students of the Department.

Teachers and students of the Department are actively engaged in the extension activities organized by the Department, Institute, Krishi Vigyan Kendra and different local NGO from time to time on transfer of technology programmes. This includes organizing Farmers' Training Programme, Field Demonstrations, Field Visit, T.V. and Radio programmes, etc. Department also takes a leading part in organizing various University programmes such as, 'Halakarshana' and 'SriniketanUtsava' (Magh Mela) etc. Some of the significant extension.cultural and other activities of the Department are as follows:

- 26.05.2022. Department organized a visit and demonstration Programme on "Fruit and Vegetable Production Interventions" for the B.Sc. (Hons.) Agriculture students of Rai University (Jharkhand) in Horticulture Farm organized by Department of Horticulture and Postharvest Technology, Palli Siksha Bhavana, Sriniketan.
- 08.06.2022. Department organized a demonstration and discussion programme for the Teachers and Students of Rampurhat College, Birbhum (West Bengal) who came for 'Exposure Visit' in Horticulture Farm, Sriniketan.
- 03.11.2022. Department organized a demonstration and Visit Programme on "Concept and Functioning of a Horticulture Farm for B.Sc. (Agriculture) Honours Students" for the B.Sc. (Ag.) Hons Students of The Neotia University, Sarisha (West Bengal) and Lovely Professional University Jalandharin (Punjab) in Horticulture Farm, Sriniketan.
- 04.11.2022. Department arranged a Farmers' Training Programme on "Kitchen Gardening for Winter Season" at Horticulture Farm, Sriniketan.
- 16.11.2022. Department organized a demonstration and discussion programme for the Farmers' of Salanpur Block, Paschim Bardhaman, West Bengal who came in "Exposure Visit" in the Horticulture Farm, Sriniketan and arranged a discussion on "Prospects of Horticulture in Lateritic Track of West Bengal".
- 19.11.2022. Department arranged a Field Day cum Farmers' Training Programme on "Nutrition Garden" in village Daranda, Illambazar, Birbhum with the active participation of M.Sc. and Ph.D. students, faculties, and staff of HPHT, PSB and farmers' and farm women of village Daranda, Birbhum.

- 22.11.2022. Department arranged a training of ‘Teachers for WBSCTVESD’ in Horticulture Farm, Sriniketan.
- 11.2022. Department distributed quality seed of Rabi onion cv. Sukhsagar to the local farmers’ of village Mala, Nanoor and Daranda of Birbhum, village Bhedia of Purba Bardhaman, Lahanti Institute of Multiple Skills (Dumka, Jharkhand) and RKVK, PSB (Sriniketan).
- 12.12.2022-16.12.2022. Department organized a “Yoga Camp” with the help of Department of Yogic Art & Science, Visva-Bharati.
- 19.12.2022. Department arranged a Farmers Training Programme on “Production and Management of Mango” in Horticulture Farm with the collaboration of RKVK, PSB, Sriniketan.
- 10.03.2023. Department observed “Gandhi Punyaha”.
- 22.03.2023. Department arranged an invited lecture entitled “Seed Production of Vegetable Crops” delivered by Prof. A. R. Mandal, BCKV, Mohanpur (West Bengal).
- 23.03.2023. Department distributed summer vegetables seed for kitchen gardening in village Mala, Birbhum.

Deliberation of lectures

Goutam Mandal:

- 14.12.2022. Delivered lecture as a resource person for Skill Development Training Course on ‘Protected Agriculture’ conducted during 5th-18th December 2022 under National Agricultural Higher Education Project (NAHEP) at Collage of Agriculture, Odisha Agricultural University, Chiplima, Odisha. Topic: ‘Hi-tech Nursery Raising under Protected Structure’.
- 19.12.2022. Delivered lecture on ‘Improved method of mango cultivation’ in Farmers Training program organized by the Dept. of Horticulture and post-harvest Technology’ at RKVK. Sriniketan.
- 03.01.2023. Delivered lecture as a resource person in Farmers Training program under the FoCT programme (sponsored by Coconut Development Board) and organized by Rathindra Krishi Vigyan Kendra, Sriniketan. Topic: Crown Cleaning, flowering fruiting, harvesting, tender and mature nut identification of coconut’

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- 04.01.2023. Delivered lecture as a resource person in Farmers Training program on Management of Horticultural Plantation under ADMI project in Birbhum district, at Village-Taldanga, Block- Rajnagar, Dist.- Birbhum (W.B.) on “Improved method of mango, guava, jackfruit and lemon cultivation with respect to plantation of orchard, training, pruning and interculture operations etc’ organized by WBADMIP, WRIDD, Govt of WB in collaboration with Vivekananda Institute of Biotechnology, Sri Ramkrishna Ashram, Nimpith, West Bengal.
- 05.01.2023. Delivered lecture as a resource person in Farmers Training program on Management of Horticultural Plantation under ADMI project in Birbhum district, at Village-Jarkhadanga (Near Sian), Block- Sriniketan, Dist.- Birbhum (W.B.) on “Improved method of mango, guava, jackfruit and lemon cultivation with respect to plantation of orchard, training, pruning and interculture operations etc’ organized by WBADMIP, WRIDD, Govt.of WB in collaboration with Vivekananda Institute of Biotechnology, Sri Ramkrishna Ashram, Nimpith, West Bengal.

Joydip Mandal

- 26.05.2022. Delivered lecture and demonstration on “Hi-Tech Management of Vegetable Nursery” in Rural Agricultural Work Experience (RAWE) course attended by Rai University (Jharkhand) in Horticulture Farm, organized by Department of Horticulture and Postharvest Technology, Palli Siksha Bhavana, Sriniketan.
- 25.08.2022. Delivered lecture and demonstration on “Management Practices of Mango Progeny Orchard with Special reference to Training and Pruning” in Rural Agricultural Work Experience (RAWE) course attended by Seacom Skills University (W.B.), organized by Rathindra Krishi Vigyan Kendra, Palli Siksha Bhavana, Sriniketan.
- 14.10.2022. Delivered lecture on “Recent Advances in Horticulture” in Rural Agricultural Work Experience (RAWE) course attended by The Neotia University (W.B.), Seacom Skills University (W.B.), Siksha O Anusandhan (Odisha), Lovely Professional University (Punjab) and Himgiri Zee University (Uttarakhand) organized by Rathindra Krishi Vigyan Kendra, Palli Siksha Bhavana, Sriniketan.

- 16.11.2022. Delivered lecture on “Prospects of Horticulture in Red & Laterite Zone of West Bengal” in “Farmers’ Exposure Visit cum Discussion” programme organized by Department of Horticulture and Post-Harvest Technology, Palli Siksha Bhavana, Sriniketan.
- 19.11.2022. Delivered lecture & demonstration on “Vegetable Seedling Management with Improved Technology” in Field Day cum Farmers’ Training Programme on “Nutrition Garden” in village Daranda, Illambazar, Birbhum organized by Department of Horticulture and Post-Harvest Technology, Palli Siksha Bhavana, Sriniketan.
- 22.11.2022. Delivered lecture & demonstration on “Plantation of Onion Bulbs for Seed Production” in “Training of Teachers for WBSCTVESD” in Horticulture Farm organized by Department of Horticulture and Post-Harvest Technology, Palli Siksha Bhavana, Sriniketan.
- 22.11.2022. Delivered lecture & demonstration on “Vegetable Seedling Raising using Plugtray” in “Training of Teachers for WBSCTVESD” in Horticulture Farm organized by Department of Horticulture and Post-Harvest Technology, Palli Siksha Bhavana, Sriniketan.
- 22.11.2022. Delivered lecture & demonstration on “Microgreen Growing” in “Training of Teachers for WBSCTVESD” in Horticulture Farm organized by Department of Horticulture and Post-Harvest Technology, Palli Siksha Bhavana, Sriniketan.
- 15.12.2022. Delivered invited lecture on “Protected Cultivation of Vegetables and Spices” in Skill Development Course in ‘Protected Agriculture’ under NAHEP in College of Agriculture, OUAT, Chiplima, Odisha.

Prahlad Deb:

- 15.05.2022. Delivered Lecture on “Production Technology of Mango” in DAESI Course organized by Rathindra Krishi Vigyan Kendra, Visva-Bharati, Sriniketan
- 17.05.2022. Delivered Lecture on “Production Technology of Mango” in DAESI Course organized by Rathindra Krishi Vigyan Kendra, Visva-Bharati, Sriniketan
- 20.06.2022. Delivered Lecture on “Production Technology of Guava & Litchi” in DAESI Course organized by Rathindra Krishi Vigyan Kendra, Visva-Bharati, Sriniketan

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- 21.06.2022. Delivered Lecture on “Production Technology of Guava & Litchi” in DAESI Course organized by Rathindra Krishi Vigyan Kendra, Visva-Bharati, Sriniketan.
- 17.01.2023. Delivered Lecture on “Production Technology of Medicinal and Aromatic Plants” in DAESI Course organized by Rathindra Krishi Vigyan Kendra, Visva-Bharati, Sriniketan.
- 23.01.2023. Delivered Lecture on “Production Technology of Medicinal and Aromatic Plants” in DAESI Course organized by Rathindra Krishi Vigyan Kendra, Visva-Bharati, Sriniketan.
- 04.11.2022. Demonstrated technology on “Kitchen Gardening for Winter Season” in Farmers Training Programme, organized by Department of Horticulture & Postharvest Technology, Palli Siksha Bhavana, Visva-Bharati, Sriniketan.
- 22.11.2022. Delivered Lecture & Demonstration on “Management of Nutritional Garden for Winter season” in Training of Teachers or WBSCTVESD organized by Department of Horticulture & Postharvest Technology, Palli Siksha Bhavana, Visva-Bharati, Sriniketan.
- 19.12.2022. Demonstrated technology on “Training & Pruning of Mango” in Farmers Training Programme on “Production and Management of Mango”, organized by Department of Horticulture & Postharvest Technology, Palli Siksha Bhavana, Visva-Bharati, Sriniketan.
- 05.01.2023. Acted as Resource Person and Delivered lecture on Use of Micronutrients and Growth Regulators on Coconut” under FoCT Programme (Sponsored by Coconut Development Board), organized by Rathindra Krishi Vigyan Kendra, Visva-Bharati, Sriniketan.
- 14.02.2023. Attended Kishan Vani Live Phone-In Programme on “Care of Mango Plants” arranged and broadcast by Prasar Bharati, All India Radio, AIR Santiniketan.

Academic distinctions gained by Teachers. Scholars or the Department as a whole (Like recognition as D.S.A. or C.A.S. etc.)

Snehasish Chakravorty

Life Member of the following professional societies:

- The Society for the Advancement of Horticulture, Mohanpur, W.B.
- The Indian Society of Vegetable Science, Varanasi, U.P.

- Seed Science Society of Bangladesh, Maymonsingha, Bangladesh.
- International Journal of Bio-Resources and Stress Management
- The Karnataka Horticultural Society, Arabhavi, Karnataka
- External member, Board of Studies, Faculty of Horticulture, B.C.K.V.

Goutam Mandal

Life Member of the professional societies

- The Horticultural Society of India
- The Indian Science Congress Association
- Society for Advancement of Horticulture
- Indian Society of Arid Horticulture
- Indian Society of Agricultural Engineers
- International Journal of Bio-Resources and Stress Management

Joydip Mondal

Life Member of the following professional societies

- Indian Academy of Horticultural Sciences, New Delhi.
- The Indian Society of Vegetable Science, Varanasi, U.P.
- The Society for the Advancement of Horticulture, Mohanpur, W.B.
- The Orissa Horticultural Society, Bhubaneswar, Odisha.
- Indian Journal of Hill Farming, Barapani, Meghalaya.
- Seed Science Society of Bangladesh, Maymonsingha, Bangladesh.
- Cooch Behar Association of Cultivation of Agricultural Sciences (COBACAS), Cooch Behar, W.B.
- Biosciences & Agriculture Advancement Society (BAAS), Meerut, UP.
- The Karnataka Horticultural Society, Arabhavi, Karnataka.
- Indian Society of Alliums, ICAR-DOGR, Rajgurunagar, Pune
- The Indian Ecological Society, Ludhiana
- Member of the Advisory Committee, District Agromet Unit (DAMU), RKVK, Birbhum.
- Performed as Guest Teacher in Department of Horticulture, Institute of Agricultural Sciences, Calcutta University.

Prahlad Deb

Life Member of the following professional societies:

- The Horticultural Society of India, New Delhi
- The Society for Promotion of Horticulture, Bangalore
- Fruit Science Society of Bangladesh, Mymensingh, Bangladesh
- Hort Flora Research Spectrum, Meerut, Uttar Pradesh
- Crop & Weed Science Society, BCKV, Nadia, WB
- Journal of Bio-resource and Stress Management, Kolkata
- Society for Bioresource, Environment and Agricultural Research
- Visiting Faculty of Calcutta University
- Executive Committee Member of International Society for Minor Fruits, Medicinal and Aromatic Plants.
- Member, Editorial Board, *International Journal of Minor Fruits, Medicinal and Aromatic Plants*
- Member of International Society for Horticultural Sciences, Belgium

Publications:

- Raj, A. and Mandal, G.(2022). Effect of different levels of beheaded heights and foliar spray of micronutrients on flowering and fruiting attributes of mango cv. Amrapali under high density planting. *Current Journal of Applied Science and Technology*, 41(21): 1-16. (DOI: [10.9734/cjast.2022.v41i2131749](https://doi.org/10.9734/cjast.2022.v41i2131749))
- Raj, A. and Mandal, G.(2022). Effect of different levels of beheaded heights and foliar spray of micronutrients on the growth of rejuvenated plants under high-density orchard of mango cv. Amrapali. *The Pharma Innovation Journal*, 11(6): 1311-1317.
- Chattopadhyay, P., Mandal, G., Sar, K. and Das, S.S. (2022). Effect of integrated nutrient management practices on productivity of papaya (*Carica papaya* L.) in Terai Dooars region. *The Pharma Innovation Journal*, 11(7): 1495-1498.
- Chattopadhyay, P. and Mandal, G.(2022). Effect of integrated nutrient management on growth and yield of papaya (*Carica papaya* L). *Biological Forum – An International Journal*, 14(3): 577-580.

- Nag, K. and Mandal, G. (2022). Effect of fertigation scheduling on growth attributes of *Dendrobium* orchid cv. Sonia-17. *The Pharma Innovation Journal*, 11(9): 1911-1915.
- Nag, K. and Mandal, G. (2022). Effect of Post-harvest Treatments on Vase Life quality of *Dendrobium* orchid cv. Sonia-17. *Biological Forum – An International Journal*, 14(3): 1395-1401.
- Rasaily, A., Baraily, P. and Mandal, G. (2022). Evaluation of potentiality of different mango genotypes for flowering, fruiting, and yield of fruits under the red and lateritic zone of West Bengal. *International Journal of Plant & Soil Science*, 34(10): 97-102.
- Singh, R. K., Mandal, J., and Das, B. (2022). Phenological Characteristics of Chironji (*Buchananialanzan*) Fruits at Chotonagpur Plateau Region. *J. Krishi Vigyan*, 11(1) 276-284. (DOI: 10.5958.2349-4433.2022.00146.5)
- Shil, S., Adhikary, P. and Mandal, J. (2022). Health Benefits of Lutein. *Frontiers in Crop Improvement*, 10: 2930-2934.
- Debnath, A. and Deb, P. (2022). Study on Genetic Variability Estimates of Jack Fruit (*Artocarpus heterophyllus* Lam.) Germplasm at Northern Region of Tripura State, India, *Current Journal of Applied Science and Technology*, 41(17): 1-8
- Debnath, A. and Deb, P. (2022) Iner Germplasm Diversity Based on Tree and Yield Attributes along with Biochemical Parameters of Jack Fruit (*Artocarpus heterophyllus* Lam.) Selections of Northern Tripura using Clustering Techniques, *The Pharma Innovation*, 11(6): 1282-1289
- Rana, G., Sahu, R.L., Sharma, G.L. and Deb, P. (2022). Evaluation of Flowering and Fruiting Attributes of Different Mango Cultivars in the Chhattisgarh Plain under Rain fed Condition, *Journal of Crop and Weed*, 18(1): 244-246
- Gonmei, G., Deb, P., Kumar, P., Sinha, D. and Halder, A. (2022) Zinc Nutrition in Banana (cv. Grand Naine) at Early Growth Stage, *International Journal of Plant and Soil Science*, 34(22): 1648-1654 (DOI: 10.9734.IJPSS.2022.v34i2231544)
- Halder, A. and Deb, P. (2023) Flowering behaviour and floral morphology of some Jamun genotypes (*Syzygiumcumini* Skeels) under western dry tract of west Bengal, *The Pharma Innovation*, 12(3): 2958-2960
- Halder, A. and Deb, P. (2023). Studies on Flowering Characteristics and Floral Morphology of Some Jamun Genotypes (*Syzygiumcumini* Skeels) under Semi-arid

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Lateritic Belt of West Bengal, India, *International Journal of Plant and Soil Science*, 35(7): 90-95

- Santoshkumar, G.M., Bhowmick, N., Chakraborty, A., Dey, A.N., Ghosh, A., Dutta, P. Deb, P., Chamling, N., Sherpa, N. T. and Senjam, B. D. (2022) Effect of Shoot Pruning on Growth, Flowering and Fruiting Characteristics of Different Guava (*Psidium guajava* L.), Cultivars, *International Journal of Fruit Science*, 22(1): 686-695
- **Bhowmick, N., Deb, P., Munsu, P.S. and Ghosh, S.K. (2022) Morphological Characterization and Performance of Different Pineapple (*Ananas comosus*) in Northern Parts of West Bengal, *Indian Journal of Agricultural Science*, 92(5): 567-71**
- Das, Ratan, Deb, P., Pandey, H., Perugu, S. and Singh, D. (2022). Botanical Synthesis of Silver Nanoparticles (AgNPs) and its Antifungal Effect Against *Alternaria porri* Causing Purple Blotch of Onion: An *in vitro* and Natural Epiphytic Study, *Journal of Agriculture & Food Research*, 10(2022): 1-6
- Kumar, R., Deb, P., Dewangan, R.K., Pujari, P.K. and Kumar, A. (2022) Preparation and quality assessment of orange (*Citrus reticulata* L.) peel candy, *The Pharma Innovation*, 11(12): 2958-2963

Number of paper published in Peer-reviewed journals: **19**

To be entered as:

1. Departmental Publication:
2. Individual Publication: a) Single author
b) Joint authors (of the same Department): **19**

Designing New Course/Curriculum or any other teaching innovations introduced by the Department.

As per recommendations from the Broad Subject Matter Area (BSMA) Committees of Indian Council of Agricultural Research (ICAR) and the New Education Policy (NEP) 2020, including the wider application of Choice Based Credit System, wherever possible, new Ordinance for the Post-Graduate Programmes (PG Ordinance) of Horticulture was adopted. Two new courses designed in M. Sc. in Horticulture *i. e.* M.Sc. (Horticulture) in Fruit Science) and M.Sc. (Horticulture) in Vegetable Science.

Any other relevant information:

The Department of Horticulture & Post-Harvest Technology started functioning from September 2016. Since its inception, the Department offers various courses on Horticulture and Post-Harvest aspects of horticultural crops at U. G. & P.G. level. Besides the U. G. and P. G. courses, the faculty members of the Department are also actively engaged in various extension activities. Moreover, they are conducting Ph.D. Coursework Programme and guiding students in research work leading to Ph. D. degree.

DEPARTMENT OF PLANT PATHOLOGY

National and International Webiner and Seminars organized by Department of Plant Pathology, PalliSiksha Bhavana, Visva-Bharati, Sriniketan:

- 24th June 2022: National Webinar on “Intellectual Property Rights (IPR) in Business Incubation & Technology Development” organized by Department of Plant Pathology, PalliSiksha Bhavana, Visva-Bharati, Sriniketan.

Organizing Secretary: Dr. Bholanath Mondal

Convenor	: Prof. Ranjan Nath
Joint Convenor	: Dr. Mohan Kumar Biswas
Joint Convenor	: Mr. Vivek Kumar Khare

- 02-03 February 2023: “International Conference on ‘Biotic and Abiotic Stress of Crop Plants and their Sustainable Management’” organized by Department of Plant Pathology, PalliSiksha Bhavana, Visva-Bharati, Sriniketan.

Convenor	: Prof. Ranjan Nath
Organizing Secretary	: Dr. Mohan Kumar Biswas
Joint Organizing Secretary	: Dr. Bholanath Mondal
Joint Organizing Secretary	: Mr. Vivek Kumar Khare

National and International standard Conference .Seminar .Workshop . Exhibition etc.:

Ranjan Nath

- 14-15 April 2022. Attended and delivered lecture on ‘The role of village women in the conservation of fruit plant biodiversity’ in a National Conference on ‘The Legacy of Dr. B. R. Ambedkar and Savitribai Phule in Women Empowerment’ at Sriniketan, Bolpur, organized by the SC, ST, OBC Employees Welfare Association of Visva-Bharati.
- 02-03 February 2023. Acted as Chairperson in technical session of International Conference on ‘Biotic and Abiotic Stress of Crop Plants and their Sustainable Management’ organized by Department of Plant Pathology, PalliSiksha Bhavana, Visva-Bharati, Sriniketan.

- 02-03 February 2023. Attended and presented a paper on Isolation of pathogen and Disease incidence of Fusarium wilt disease of Chilli (*Capsicum annum* L.) under red and lateritic zone of West Bengal in International Conference on ‘Biotic and Abiotic Stress of Crop Plants and their Sustainable Management’ organized by Department of Plant Pathology, PalliSiksha Bhavana, Visva-Bharati, Sriniketan.

Mohan Kumar Biswas

- 14.4.2022-15.4.2022. Participated and presented research paper “Cultivation of Edible Fungi in West Bengal: An Easy Way of Extra Income Generation by Rural Women “in the Virtual National Conference on “The Legacy of Dr. B. R. Ambedkar and Savitribai Phule in Women Empowerment” organized by SC, ST, OBC Employees Welfare Association of Visva-Bharati.
- 24.6.2022. Participated and presented as a Invited speaker on the topic “Indian Patent system: From initiation to final certificate” in the National Webinar on “Intellectual Property Rights (IPR) in Business Incubation & Technology Development” organized by Department of Plant Pathology, PSB, Institute of Agriculture, Visva-Bharati.
- 8.11.2022. Participated and presented research paper “Develoment of a low-cost oyster mushroom cultivation technique in rural areas for sustainability in production and eco-friendly management of microbial contamination” at One Day International Seminar on “Emerging Trends in Biological Sciences “(ISETBS - 2022). organized by Suri Vidyasagar College, Suri, Birbhum, West Bengal, India.
- 25-26November 2022. Participated and presented research paper “Post-harvest Pathogens of cold stored Potato and their Eco-friendly Management” inthe 7th International Conference on Fisheries, Life science and Agriculture (ICFLA)organized by International Society for Research (ISR)-Chapter Malaysia.
- 8.12.2022. Participated and presented research paper “Isolation, Characterization and Eco-friendly Management of Pathogens of Cold stored Potatoes of West Bengal” Paper ID: IST-ICBAES-KLKT-081222-812, at the International Conference on Biological,Agricultural & Environmental Science (ICBAES) held in Kolkata. organized byInternational Society for Engineering and Technical Education.
- 02-03 February 2023. Organized and presented as paper ‘Identification of edible, non-edible, medicinal and poisonous mushrooms, and their effects in human body

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‘at International Conference on “Biotic and Abiotic Stress of Crop Plants and their Sustainable Management” organized by Department of Plant Pathology, PSB, Institute of Agriculture, Visva-Bharati.

- 24-25 March 2023. Participated and acted as a Member of Judging Committee of papers presented in the Convention “10th Annual Convention and National Webinar on “Next-gen Management of Agro-chemicals for Achieving Sustainable Development Goals”, organized by Society for Fertilizers and Environment, 16, Ellora road (Canal Road), Kolkata – 700075.
- 02-03 February 2023. Participated and act as a chairman in the poster session of theme VI Innovative technologies (biotechnology, nanotechnology, of International Conference “Biotic and Abiotic Stress of Crop Plants and their Sustainable Management” organized by Department of Plant Pathology, PSB, Institute of Agriculture, Visva-Bharati.

Bholanath Mondal

- 14.4.2022-15.4.2022. Organized a National Conference as Organizing Secretary on ‘The Legacy of Dr. B. R. Ambedkar and Savitribai Phule in Women Empowerment’ at Sriniketan, Bolpur, organized by the SC, ST, OBC Employees Welfare Association of Visva-Bharati on.
- 14.4.2022-15.4.2022. Attended and delivered lecture on ‘Reduction of over dependency on natural resources implementing employment generating scheme in Sundarban region of West Bengal’ in a National Conference on ‘The Legacy of Dr. B. R. Ambedkar and Savitribai Phule in Women Empowerment’ at Sriniketan, Bolpur, organized by the SC, ST, OBC Employees Welfare Association of Visva-Bharati.
- 20.6.2022. Acted as Invited Speaker and delivered lecture in a National Symposium on ‘Intellectual Property Rights (IPR) in Entrepreneurship and Livelihood Development’, organized by ‘Hiranmoypur Agro-horticultural Society for Technology and Rural Development’.
- 2.2.2023-3.2.2023. Attended and delivered lecture in an International Conference on ‘Biotic and Abiotic Stress of Crop Plants and their Sustainable Management’ at the Department of Plant Pathology, organized by the Department of Plant Pathology, Palli-Siksha Bhavana (Institute of Agriculture), Visva-Bharati.
- 02-03 February 2023. Chaired a Oral Presentation Session in an International

Conference on 'Biotic and Abiotic Stress of Crop Plants and their Sustainable Management' at the Department of Plant Pathology, organized by the Department of Plant Pathology, Palli-Siksha Bhavana (Institute of Agriculture), Visva-Bharati.

- 24-25 March 2023. Attended and delivered lecture on Mushroom Cultivation in the 2nd International Conference on Entrepreneurship Development: Opportunities & Challenges, organized by the Department of lifelong Learning and extension, Visva-Bharati & the School of Business, Claflin University, USA.

Vivek Kumar Khare

- 14-15 April, 2022. Presented a paper entitled "Additional income generation of village women through scientific and market oriented food processing technologies" in the National Conference on "The Legacy of Dr. B.R. Ambedkar and Savitribai Phule in Women Empowerment" organized by SC, ST, OBC Employees Welfare Association of Visva-Bharati.
- 14-15 April, 2022. Acted as resource person (Core committee, communication and publication) in the National Conference on "The Legacy of Dr. B.R. Ambedkar and Savitribai Phule in Women Empowerment" organized by SC, ST, OBC Employees Welfare Association of Visva-Bharati.
- 02-03 February, 2023. Presented a paper entitled "Multiplex PCR - A tool for simultaneous detection of microbial pathogens" in the International Conference on "Biotic and Abiotic Stress of Crop Plants and their Sustainable Management" organized by Department of Plant Pathology, PalliSiksha Bhavana, Visva-Bharati, Sriniketan.
- 02-03 February, 2023. Chaired a session in theme "Innovative technologies in plant protection" in the International Conference on "Biotic and Abiotic Stress of Crop Plants and their Sustainable Management" organized by Department of Plant Pathology, PalliSiksha Bhavana, Visva-Bharati, Sriniketan.
- 24-25 March, 2023. Presented a paper entitled "Mushroom cultivation for livelihood security and additional income generation" in the International Conference on "Entrepreneurship Development: Opportunities & Challenges" organized by Department of Lifelong Learning and Extension, Visva-Bharati, India.

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Ongoing Research Projects in the Department

Ranjan Nath

- Studies on the Bio-efficacy of some fungicides on Different crops during Kharif and Rabi season'
- Sponsoring Agency: Willowood Chemicals Private Ltd., New Delhi-110025
- Amount Sanctioned: 8.32 (Rs. In Lakh)

- Bio-efficacy evaluation of SAI POWER PLUS in different field and horticultural Crops
- Sponsoring Agency: Sai Crop Science Pvt. Limited, Kolkata
- Amount Sanctioned: 2.301 (Rs. In Lakh)

- Studies on the Bio-efficacy of some fungicides on Different crops during Rabi season 2022-23
- Sponsoring Agency: Best Crop Science Pvt. Limited UPSIDC, Plot No C-6,7,8, Industrial Area, Gajraula-II, Amroha, Amroha, Uttar Pradesh, 244235
- Amount Sanctioned: 3.9117 (Rs. In Lakh)

- Bio-efficacy evaluation and phytotoxicity analysis of Spirotetramat 11.01 % + Imidacloprid 11.01 % w/w SC on red spider mite and white flies of brinjal
- Sponsoring Agency: JU Agri Sciences Pvt. Ltd., NOIDA
- Amount Sanctioned: 3.98840 (Rs. In Lakh)

Mohan Kumar Biswas

- Evaluation of Biovita X (L) for growth & yield parameter of Rice
- Sponsoring Agency: PI Industries Ltd, Corporate office 5th Floor, Vipul Square, B-Block, Sushant Lok, Phase -1, Gurgaon-122009
- Amount Sanctioned: 1.73 (Rs. In Lakh)

Bholanath Mondal

- Development of nano-sulphur for controlling yellow mite in different crops
- Sponsoring Agency: Ministry of MSME, Govt. of India
- Amount Sanctioned: 10.50 (Rs. In Lakh)

- Bio-efficacy evaluation and phytotoxicity analysis of some insecticides and fungicides against pests and diseases of different crops
- Sponsoring Agency: Crystal Crop Protection Ltd., Delhi
- Amount Sanctioned: 11.505 (Rs. In Lakh)

- Bio-efficacy evaluation of different agrochemicals of Jivagro Ltd. in different field and horticultural crops
- Sponsoring Agency: Jivagro Ltd., Mumbai
- Amount Sanctioned: 9.204 (Rs. In Lakh)

- Bio-efficacy evaluation of different agrochemicals of M/S Rainbow Agroscience Pvt. Ltd. in different field and horticultural crops
- Sponsoring Agency: M/S Rainbow Agroscience Pvt. Ltd., Ahmedabad
- Amount Sanctioned: 4.602 (Rs. In Lakh)

- Bio-efficacy and Phytotoxicity studies of Pesticides on different crops for management of crop pests and diseases
- Sponsoring Agency: Bayer Crop Science Ltd.
- Amount Sanctioned: 13.806 (Rs. In Lakh)

- Bio-efficacy and Phytotoxicity studies of Pesticides on different crops for management of crop pests and diseases
- Sponsoring Agency: GSP Crop Science Pvt. Ltd., Ahmedabad
- Amount Sanctioned: 4.602 (Rs. In Lakh)

Extension activities.NSS.Cultural and other activities organized by the Department and participated by the Teachers and students of the Department.

- Teachers and students of the Department are actively engaged in the extension activities organized by the Institute from time to time and simultaneously the Department runs a Plant Health Clinic during office hours on all working days for the benefit of farmers. Telephone advisory services in relation to pest management are also extended to farmers.
- Diagnostics and advisory services towards sustainable pest management are extended to Directorate of Agriculture, Govt. of West Bengal, and different NGO's. In addition to that the faculty members took part in various training programmes organized by Rathindra Krishi Vigyan Kendra, Visva-Bharati

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including on-farm training to growers in the surrounding villages and participated in All India Radio and Television extension programmes.

- 6th May, 2022. A team of 12 students including 3 faculties of Paramedical College, Durgapur, under D-SEARCH, visited Department of plant pathology for understanding the techniques and knowledge about the mushroom cultures, pure culture preparation, process of maintenance etc. Dr. M.K. Biswas, EL Coordinator provided a lecture and explained the process to the visitors.
- Cleaning of campus was done in collaboration with NSS unit, PSB.
- Cleaning of campus and the Department was done during the observation of Gandhi Jayanti on 10 March 2023.

Ranjan Nath

- Resource person in *Kisan Vani* programme organized by AIR, Santiniketan

Mohan Kumar Biswas

- 04.06.2022. Acted as a resource person in the All India Radio broadcast programme “KISHAN VANI” and delivered lecture on “Pradhan Mantri Kisan Samman Nidhi Yojana”.
- 27.02.23-05.03.2023. Acted as a resource person and delivered lectures on the topic “Low-cost cultivation techniques of milky mushroom and its prospects in India’ in Skill Development Course for “Automated system for Mushroom cultivation and spawn production” College of Agriculture Chiplima, Department of Plant Pathology, OUAT, sponsored by Institutional Development Plan (IDP), National Agricultural Higher Education Project (NAHEP).
- 14.08.2022. Acted as a resource person in the All India Radio broadcast programme “KISHAN VANI” and delivered lecture on “Diseases, insects and other problems of rice and kharif vegetables and their management”.
- 18.11.2022. Acted as a resource person in the All India Radio broadcast programme “KISHAN VANI” and delivered lecture on “Cultivation of edible white button mushroom in West Bengal”.
- 21.01.2023. Acted as a resource person in the All India Radio Kisan Vani Live Phone-In Programme, Date & Time of recording: GMT+0530 (India Standard Time).

- 29.07.22. Acted as a resource person and delivered lectures on the topic “Earning livelihood through mushroom cultivation” at village camp of Bhadurpur, Birbhum, organized by NSS Unit PSB/PSV, Visva-Bharati.

Bholanath Mondal

- 5.01.2023. Acted as resource person and delivered lecture on ‘Types of diseases of coconut and their management’ organized by Rathindra Krishi Vigyan Kendra, Palli Siksha Bhavana, Visva-Bharati.
- 19.12.2022. Acted as resource person and delivered lecture on ‘Pest and Disease Management of Mango’ in a farmers’ training programme organized by Department of Horticulture and post-Harvest technology, Palli Siksha Bhavana, Visva-Bharati.
- 21.09.2022-27.09.2022. Acted as resource person and delivered lecture on ‘Sustainable Water Management in Agricultural Production’ as a part of ‘Swachata, Dengue Awareness, Women’s Rights and Empowerment, and Social Awareness’ organized by Rampurhat College, Rampurhat, Birbhum, West Bengal.
- Attended recording and Live-Phone-In Kisan Vani programme conducted by AIR, Santiniketan and delivered lecture on different topics.
- Attended several training programme as a resource person and delivered lecture on different topics conducted by the Office of the Assistant Director of Agriculture, Bolpur.

Academic distinctions gained by Teachers. Scholars or the Department as a whole (Like recognition as D.S.A. or C.A.S. etc.)

Patent:

“Nanotechnology Based Farm Analysing Device”

- Dr. Tanmay Ghosh, Department of Microbiology, Andrews College, Garia, West Bengal
- Dr. Mohan Kumar Biswas, Department of Plant Pathology, Institute of Agriculture, Palli Siksha Bhavana, Visva-Bharati
- Dr. Ranjan Nath, Department of Plant Pathology, Institute of Agriculture, Palli Siksha Bhavana, Visva-Bharati, Sriniketan, 731236.

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Patent No. ewy.No: 132344, Agricultural Sciences, Published Filed 2022-06-15, Published on 2023-03-31.

- **“IOT Based Solar Powered Agriculture Robot”**
- Dr. Abhilash. E.S Assistant Professor, Department of Botany Sree Narayana Guru College, Chelannur Kozhikode -673616
- Dr. Mohan Kumar Biswas, Department of Plant Pathology, Institute of Agriculture, PalliSikshaBhavana,Visva-Bharati
- Dr. Ranjan Nath, Department of Plant Pathology, Institute of Agriculture, PalliSiksha Bhavana,Visva-Bharati, Sriniketan,731236.
- Mrs. Sheetal Rajapurkar Assistant Professor, Dr. Vishwanath Karad MIT World Peace University, Pune.

Patent No. 116087, Agricultural Sciences, Published Filed 2022-05-11 and published on 2022-07-21.

Ranjan Nath

- **Membership of National Society . Journal**
- Indian Society of Mycology and Plant Pathology (ISMPP) MPUAT, Udaipur, Rajasthan.
- Coochbehar Association for the Cultivation of Agricultural Sciences (COBACAS). UBKV, Coochbehar, West Bengal.
- Life member of Indian Phytopathological Society. Division of Plant Pathology, IARI, New-Delhi.
- External Member of Board of studies, Department of Plant Pathology, Bidhan Chandra Krishi Viswavidyalaya, Mohanpur, Nadia, West Bengal

Mohan Kumar Biswas

- Editorial member of the *International Journal of Economic Plants*.
- Editorial member of the Microbioz Journals, *Journal of Microbiology and Biomedical Research*.
Editorial Member of Indian Society of Mycology and Plant Pathology.
- **Membership of the National Societies**
- Life member of Indian Phytopathological Society, Division of Plant Pathology, IARI, New-Delhi, India

- Life member of Indian Society of Mycology and Plant Pathology, Division of Plant Pathology, MPUAT, Udaipur, Rajasthan, India,
- Life member of the Society for Plant Protection and Environment, OAUT, Bhubaneswar, India.
- Life member of Association for Advancement in Plant Protection
- Member of the Association of Mushroom Society of India, Solan.

Bholanath Mondal

- 2.2.2023-4.2.2023. Awarded ‘Fellow of Indian Phytopathological Society (FPSI – 2021)’ in February 2023 from Indian Phytopathological Society, Division of Plant Pathology, Indian Agricultural Research Institute, New Delhi on 75 Annual Meeting of the Society and Platinum Jubilee Conference on Plant and Soil Health Management: Issues and Innovations, held at University of Mysore, Karnataka.
- **Membership of National Society . Journal**
- Member, Advisory Council of an Environmental Magazine, *Termite*, published by Termite Society, Barishal, Bangladesh
- Life member of ‘Crop and Weed Science Society’
- Life member of ‘Eastern India Horticulture and Biotechnology Centre’
- Both Founder and Life member of ‘Agro-Horticultural Society for Technology and Rural Development’, Basanti, South 24 Parganas.
- Both Founder and Life member of ‘Organisation for Assisting of the Throttling World’. Rajbaripara, Jalpaigur.
- Life member of ‘Society for Plant Protection and Environment’
- Life member of ‘Indian Society of Soil Biology and Ecology’
- Association of Agrometeorologists Indian Mycological Society (IMS)
- Indian Society of Mycology and Plant Pathology (ISMPP)
- Association for Advancement in Plant Protection (AAPP).
- Coochbehar Association for the Cultivation of Agricultural Sciences (COBACAS)
- Society of Bio-resource, Environment and Agricultural Research,
- Indian Red Cross Society, Bolpur, Birbhum
- Fellow member of the Scholars Academic and Scientific Society, Assam.
- Life member Indian Society of Weed Science, Jabalpur, MP
- Assistant Secretary, Eastern India Horticulture and Biotechnology Centre, Baharu,

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South 24 Parganas, West Bengal.

- Chief Advisor, Hiranmoypur Agro-horticultural Society for Technology and Rural Development, Basanti, South 24 Parganas, West Bengal.
- Associate Editor of the Journal, *South Asian Research Journal of Agriculture and Fisheries*.
- 14.05.2017 - 13.05.2022. Professional Director, Birbhum District Central Cooperative Bank Ltd.

Vivek Kumar Khare

- Life member of Indian Phytopathological Society, Division of Plant Pathology, IARI, New –Delhi, India.

Publications:

Number of research paper published in Peer-reviewed journals: 07

- Garain, P.K., Mondal, B. and Dutta, S. (2022). Biofumigation based integrated disease management against *Atheliorolfsii* (syn. *Sclerotium rolfsii*Sacc.) induced collar rot disease of betelvine (*Piper betle* L.). *Journal of Plant Pathology*, NAAS: 7.73, ISSN: 1125 – 4653. DOI: <https://doi.org/10.1007.s42161-022-01129-8>.
- Das, A., Hembram, K.C., Mondal, B. and Majhi, P. (2022). Locating Crow in Agricultural and Domesticated Waste Management: Understanding Distribution, Mythology and Utility. *Journal of Social Work and Social Development*, 12(01): 36-43.
- Garain, P.K. and Mondal, B. (2022). Collar Rot Disease of Betelvine (*Piper betle* L.) under Coastal Saline Zone of West Bengal. *Journal of Krishi Vigyan*, 11(1): 39-46. DOI: 10.5958.2349-4433.2022.00153.2
- Akhtar, N.S., Biswas, M.K. and Dayaram (2022). Characterization of mutant strains developed through ‘Ethyl Methane sulfonate (EMS) and UV-ray mutation. *The Pharma Innovation Journal*, 11(10): 99-103.

- Akhtar, N.S., Biswas, M.K. and Dayaram (2022). Morphological characterization of *Lentinula edodes* hybrid strains obtained by intraspecific mating. *Ecology, Environment and Conservation*. 28: S1-S4.
- Ghosh Tanmay and Biswas Mohan Kumar (2022) '*Ganoderma lucidum*: production, nutritional and medicinal value in comparison with other edible mushrooms – A review'. *Journal of Mycopathological Research*, 60(3): 307-312,
- Elangovan, M., Gopinath, V., Shanmugaraj, C. and Biswas, M.K. (2022). Effect of Various Organic Supplements on Mycelial Growth, Yield and Biological Efficiency of Milky Mushroom (*Calocybe indica* P&C). *J.Mcol Pl Patho*, 52(1): 89-92

Books. Textbooks

Edited Book

- Mondal, B., Bordolui, S. K. and Santra, S. (2022). *Emerging Trends in Agriculture: Prospects and Opportunities*. Renu Publishers, New Delhi, pp. 192. ISBN: 978-93-92597-50-3, e-book: 978-93-92597-56-5.

Book Chapter

- Mondal, B., Maity, C., Mondal, P., Das, A. and Santra, S. (2022). Nutritional Garden – A Panacea to Balance Nutritional Insecurity for the Rural Poor. In: *Emerging Trends in Agriculture: Prospects and Opportunities*, Mondal, B., Bordolui, S.K. and Santra, S. eds., Renu Publishers, New Delhi, pp. 01-09. ISBN: 978-93-92597-50-3, DOI: 10.30954. NDP Emerging.
- Mantry, S. K., Mandal, G. S. and Mondal, B. (2022). MAGIC Population: Development and Applications. In: *Emerging Trends in Agriculture: Prospects and Opportunities*, Mondal, B., Bordolui, S.K. and Santra, S. eds., Renu Publishers, New Delhi, pp. 127-142. ISBN: 978-93-92597-50-3, DOI: 10.30954. NDP-Emerging.
- Khare, V. K. (2022). Multiplex PCR - A diagnostic method for microbial pathogens. *Futuristic Trends in Biotechnology (Vol:2, Book:26, pp. 126-131)*. Iterative International Publishers.
- Ghosh, T. and Biswas, M.K. (2022). Decontamination of Animal Wastes through the Generation of Renewable Energy (Biogas) in rural area: Microbiological aspects and Pollution Control. In *Emerging Trends in Agriculture: Prospects and*

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Opportunities edited by Mondal, B, Bondolu KK and Sutra, S. New Delhi: Renu Publishers, 2022, pp (13-157) ISBN 978-93-92597-50-3. DOI: 10.30954.NDP-Emerging.14.

- Paramanik, P.K. and Biswas, M.K. (2022). Isolation, Characterization and Eco-friendly Management of Pathogens of Cold stored Potatoes of West Bengal. *In. Proceedings of ISETE international conference Kolkata, India* edited by Dr. P. Suresh. Published by Institute for Technology and Research (ITRESEARCH), Dharma Vihar, Khandagiri, Bhubaneswar, Odisha, India, pp-(1-53), ISBN: 978-93-90150-31-1.
- Mondal, B. and Das, A. (2023). *Bharatiya Sundarban Aranyarupor Nritattwik Probhav*. In: *Sundarban: Jaler Talay Asto-Abad.*, Sasmal, R. and Mahato, J. (eds.). Kolkata: Gangchil, pp. 285-301. ISBN: 978-93-93569-88-2.

Any other relevant information:

The Department of Plant Pathology has been accredited by ICAR, New Delhi for its post-graduate teaching. The Department has established one P.G. and one Ph.D. laboratory. The U.G. Classroom and the conference room have been renovated.

Mr. Tarak Kansabanik, Assistant Director, MSME-DFO Kolkata and Mr. S.K. Mondal, IEDS had visited the Department on 12.01.2023 to evaluate the infrastructure for the initiation of IP facilitation Centre, Ministry of MSME, Govt. of India.

DEPARTMENT OF SOIL SCIENCE & AGRICULTURAL CHEMISTRY

Name of the students qualified in UGC.CSIR.NET.SLET and GATE

Examinations.:

- Modhulika (ICAR NET)

Departmental Seminar (Speakers, Title of the Seminar, Date):

- 01.09.2022: Dr.Soumitra Das Director, South Asia-Zinc Nutrient Initiative, International Zinc Association, New Delhi, India delivered the 25th Dr. B. V. Meheta Memorial Lecture of Indian Society of Soil Science (ISSS) 2022 on “Zinc in Balanced Plant Nutrition for Food and Nutrition Security”

National and International standard Conference .Seminar .Workshop . Exhibition etc.:

- 18.06.2022 -19.06.2022. Prof. Goutam Kumar Ghosh, delivered the Invited Lecture on “Crop Productivity and Quality vis-à-vis Sulphur Management Strategies in Indian Agriculture” at National Seminar on Recent Developments in Nutrient Management Strategies for Sustainable Agriculture: The Indian Context held during 18-19th June, 2022.
- 03.01.2023-07.01.2023. Prof. Goutam Kumar Ghosh, delivered the Invited Lecture on “Sulphur in Balanced Plant Nutrition for Food and Nutritional Security” on 5th January 2023 at 108th Indian Science Congress, Agriculture and Forestry Sciences Section at RTM University, Nagpur
- 02.02.2023-03.02.2023. Dr.Pabitra Kumar Biswas acted as a chairperson in a session of International conference on Biotic and Abiotic Stress of Crop Plants and their Sustainable Management organized by Department of Plant Pathology, Visva-Bharati.
- 15.12.2022. Prof. Goutam Kumar Ghosh delivered a lecture on “Climate Resilient Agriculture-the way forward” organized by FAI, Eastern Region, Kolkata.

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Ongoing Research Projects in the Department

Name of the Teacher: Prof. Goutam Kumar Ghosh

Name of the Project: “Effect of Seaweed Extract (*Ascophyllum nodosum*) on Productivity of Paddy”

Sponsoring Agencies: Mosaic India Pvt Ltd, Gurgaon, Haryana

Amount Sanctioned: 3,03,732/-

Academic distinctions gained by Teachers. Scholars or the Department as a whole (Like recognition as D.S.A. or C.A.S. etc.)

Prof. Goutam Kumar Ghosh

- Chairman, Committee for Rural Biotechnology, Department of Science and Technology and Biotechnology (Govt of West Bengal), Kolkata (2016 - Till Date)
- Secretary, Indian Society of Soil Science - Sriniketan Chapter, Visva-Bharati, Sriniketan (2016 - Till date)
- Member of the Standing Committee on Policy and Byelaws for 2023 of the Indian Society of Soil Science, New Delhi.
- Councillor of the Indian Society of Soil Science, New Delhi for the year 2021-22 and 2022- 2023
- Life members of different scientific societies

Pabitra Kumar Biswas

- Life members of different scientific societies
- Reviewer of several national and international journals
- Externally Evaluated the Ph.D thesis from Bangladesh Agriculture University, Bangladesh and Banaras Hindu University, Varanasi.

Suchhanda Mondal

- Treasurer of Indian Society of Soil Science, Sriniketan Chapter

Y.V. Rao

- Member of the Editorial of the *International Journal .Grassroots Journal of Natural Resources* (ISSN: 2581-6853)
- Reviewer of several national and international journals

M.C. Kundu

- Reviewer of several national and international journals

Publications:

- Manna, K., Saha, B. & Kundu, M.C. (2022). Study of non-woven jute agrotexile mulches on soil water, temperature, and nutrient status in root zone in broccoli (*Brassica oleracea* L.) cultivation. *International Journal of Bio-resource and Stress Management*, 13 (4), 348-356.
- Kumar, K.H., and Kundu, M.C. (2022). Qualitative Assessment of Soil Organic Carbon Pools using UV-Vis Spectroscopy. *International Journal of Plant & Soil Science* 34 (24), 187-192.
- Ghosh, M., Biswas, P.K., Banerjee, M., Malik, G.C. and Paul, S.K. (2022). “Dissipation Kinetics of Etoxazole 10 SC in/on Brinjal” *Environment and Ecology*, 40 (2C): 833-837
- Majumder, S., Powell, M.A., Biswas, P.K. and Banik, P. (2022). The impact of Arsenic induced stress on soil enzyme activity in different rice agroecosystem” *Environmental Technology & Innovation*, 26, 102282
<https://doi.org/10.1016/j.eti.2022.102282> 2352-1864/© 2022 Published by Elsevier (<http://creativecommons.org/licenses/by-nc-nd/4.0/>)
- Das, S.K., Ghosh, G.K. (2022). Conversion of biomass into low-cost biochar along with organic manure improved soil hydro-physical environment through technological intervention for sandy soil restoration. *Biomass Conv. Bioref.*
<https://doi.org/10.1007/s13399-022-02724-6>
- Das, S.K., Ghosh, G.K. (2022). Soil hydro-physical properties affected by biomass-derived biochar and organic manure: a low-cost technology for managing acidic mountain sandy soils of northeastern region of India. *Biomass Conv. Bioref.*,
<https://doi.org/10.1007/s13399-022-03107-7>
- Das, S., Ghosh, G.K. and Sen, D. (2022). Effect of Different Methods of Zinc Application on Yield and Quality of Rabi Maize in West Tripura. *International Journal of Economic Plants*, 9(3):245-249 Doi: [HTTPS://DOI.ORG.10.23910.2.2022.IJEP0482](https://doi.org/10.23910.2.2022.IJEP0482)
- Das, S.K., Ghosh, G.K. & Avasthe, R. (2022). Valorizing biomass to engineered biochar and its impact on soil, plant, water, and microbial dynamics: a review. *Biomass Conv. Bioref.*, 12, 4183–4199. <https://doi.org/10.1007/s13399-020-00836-5>

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- Namei, A., Purkait, Alope, Das, Sourav, Biswas, P.K., Ghosh, G.K. (2022) Different Nutrient Management Practices in Rice -Green-Gram Based Cropping Sequence on Productivity and Soil Fertility Status: A Review, *Annals of Plant Sciences*, 11(9):5338-5348 (DOI: 10.21746.aps.2022.11.9.4)
- Namei, A., Ghosh, G.K., Kumar Manoj, Meena K. L., Rajesha G., Rajkhowa, D. J. (2022). Effect of Nutrient Management Practices in Rice -Green Gram in Jhum field under Rainfed Condition of Nagaland, *Journal of AgriSearch*, 9 (4): 290-295 (DOI: 10.21921.jas.v9i04.%2011590)

Any other relevant information:

The Department consists of three disciplines namely, Soil Science, Agricultural Chemistry and Biochemistry. The activities of the Department comprise mainly teaching, research, and extension work. The Department offers teaching programs both in undergraduate and post-graduate levels. Along with all the departments of the Institute of Agriculture (PalliSiksha Bhavana) our Department also contribute courses offered in the UG program. The Department has been offering one post graduate courses namely, M.Sc. (Ag) in Soil science & Agricultural Chemistry.

Besides teaching and research activities, the teachers and students are involved in extension activities for solving various problems of the farmers in the locality. Recommendations being made from the findings of the investigations carried out by the Department for farmers adoption in crop cultivation, soil and fertility management for improving crop quality and productivity, soil and water conservation. Extensive RAWE program is offered to the UG students.

PATHA BHAVANA

(Institute of Primary, Secondary & Higher Secondary Education)

“We have given an opportunity to the children to find their freedom in nature by being able to love it. For love is freedom: it gives us fullness of existence...”

‘A Poet’s School’ by Rabindranath Tagore

Patha Bhavana is an institute of Pre-primary, Secondary and Higher Secondary Education of Visva Bharati. It holds a very important place in the history of *Visva Bharati*. More than a century ago, in the idyllic retreat of Santiniketan in 1901, Gurudev Rabindranath Tagore founded his school, Brahmacharyashrama, modelled on the *tapovana* of ancient India.

The school later grew into a university, Visva Bharati, in 1921. The school was an integral part of the university from the very beginning and continues to be so. It was renamed as Patha Bhavana in 1924. When Visva Bharati was made a central university and an ‘Institute of National Importance’ by an act of the Parliament in 1951, Patha Bhavana was incorporated as one of its institutes.

Tagore wished to give a child the joy of freedom amidst nature in his school. Even today, classes in Patha Bhavana are held in the open air under the shade of trees. Facilities are there to let one’s sensitive heart feel a harmony that exists in nature and to be one with it.

Patha Bhavana still upholds Tagore’s idea of education, which he conceived going beyond pedantic learning to add to the completeness of an individual. It is still a deviation from conventional institutions. At Patha Bhavana activities are designed to help children to learn the value of innovation and creativity. Students are exposed to nature study, music, dance, paintings, clay modelling, handicraft and other creative assignments along with regular subjects. Every student has to take part in the games & sports. All these are given equal importance in the learning process.

Attending weekly prayer meetings at *Upasana Griha* every Wednesday and participating in activities of *Ashram Sammilani* and festivals of the University are parts of the life of being a student of Patha-Bhavana.

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Ashram Sammilani is a concept created and practised by Tagore for inculcating self-governance in students. It has several wings, namely, *Sahitya Vibhaga (Literary wing)*, *Seba Vibhaga (Social Service)*, *Paribesh Vibhaga (Environment)*, *Sasthya Vibhaga (Health)*, *Krira Vibhaga (Sports and Games)*, *Aharjya Vibhaga (Food and Refectory)* and *Sakha Sangha (Cultural wing)*. Apart from lessons in self-discipline and self-reliance, the activities of *Ashram Sammilani* contribute to the holistic development of a child.

Even after a century, Patha Bhavana continues to uphold and practise Tagore's vision of education for fullness. As a part of its vision plan, Patha Bhavana looks forward to upholding an alternative method of education, where complete and overall development of the child is ensured through creative activities, in-depth research work along with hands on experience in "learning through doing" and generation of knowledge, replacing mundane repetitive gathering of information. Joy, freedom and co-operation, are its basic principles.

Patha Bhavana is primarily a residential school, though there is a facility to study as a day scholar. It imparts education from kindergarten to Class XII. A child is admitted at 4+ years to Mrinalini Ananda Pathshala, the kindergarten unit of Patha Bhavana, established in 1954 and named after Tagore's wife Mrinalini Devi. The students appear in School certificate Examination and Pre-Degree Examination after completion of Class X and Class XII respectively. At present the total number of students of Patha-Bhavana is 1167 out of which 339 are residents and 828 are day scholars.

National and International Standard (Conferences . Seminars . Workshops . Exhibitions etc. attended by Teachers in details.

Name :- Dr. Amitabha Mukherjee, Assistant Lecturer, Patha Bhavana

Presented paper in the Two Days National Seminar organized by IQAC of Army Institute of Education, Greater Noida. [Attended virtually]

Seminar Theme: Inclusive Education For Sustainable Development: From Idea To Action :01-02 April 2022

Paper entitled: *Inclusive Education and Tagorean School - a Case Study.*

Publications:

Amitabha Mukherjee

- *Cultural Lag and the Challenge of Appropriating Language* - in Gurpreet Kaur (Ed) "Emerging Trends and Challenges in English Literature, Art and Culture" , Publication Bureau, Sri Guru Teg Bahadur Khalsa College, Punjab, 2022, ISBN: 978-81-956817-1-6
- *Value in the Era of Modernisation and Westernisation* - in Birbal Saha & Anasuya Adhikari (Ed) "Fostering Peace and Values Today", Crescent Publishing Corporation, New Delhi, 2023.
ISBN: 978-93-91771-64-5
- Name :- Sri Tarit Roy Choudhury & co-author: Sri Pratip Roy
Published Book : *Santiniketan: Tahader Kathyay* (শান্তিনিকেতন : তাহাদের কথায়)
Publisher – Kingbadanti, Kolkata

Extension activities . NSS . Cultural and other activities organized by the Department and participated by the Teachers and students of the Department:

- Some of our students and teachers participated in the programme named "**Celebration of Azadi Ka Amrit Mahotsav**" organized by the **Variable Energy Cyclotron Centre, Kolkata**, Dept of Atomic Energy, Govt of India. **Usree Majumder** of class XII got the first prize in the debate competition on the topic entitled "**Going Nuclear is the Only Way Towards the Green Future of India**".
- The **U.S. Consulate General Kolkata, Her Excellency Ms. Melinda Pavek** visited Patha Bhavana in August and interacted with some of our students and teachers. A cultural programme was organized by some senior students of Patha Bhavana in her honour.
- **A team of teachers and students from Sweden** visited Patha Bhavana in March and interacted with some of our students and teachers on the issues of humanism, disaster management and risk reduction.
- The **NCC unit** of Patha Bhavana organized a **CATC Camp at 50 Bengal Battalion Santiniketan during 11-26 May, 2022.**

The cadet Sreeja Hansda stood as the Best Captain (Junior Wing), while Sreeja Hansda & Trisha Das stood second in Kho kho team.

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Activities of Ashram Sammilani, a Students' Self Government from April 2022 to March 2023

- In total, fourteen **Sahitya Sabhas** (literary meets) were arranged by Patha Bhavana Ashrama Sammilani.
- **Donation Collection programmes** were arranged four times by the **Seba Bhibhag** of Ashrama Sammilani.
- **Village Visit. Inspection** was arranged twice. A group of senior students and some teachers participated in the programmes.
- **Paribesh Bibhag, Aharjyo Bibhag, Sakha Sangha and Swasthya Bibhag** arranged discussions and cultural programmes on various topics.

SIKSHA-SATRA

Extension activities.NSS.Cultural and other activities organized by the Department and participated by the Teachers and students of the Department:

NSS

The NSS Unit of Siksha-Satra took part in a rally on 14th April 2022 to observe Ambedkar Jayanti. The students gathered in front of Santiniketan ‘Upasana Griha’ and took an oath, and then walked up to Central Administrative Buildings with posters and banners.

The NSS Unit of Siksha-Satra took part in a blood donation camp at Students’ Activity Centre, Santiniketan, on 16th July, 2022. 84 NSS Volunteers of the NSS Unit of Siksha-Satra took part in that camp.

On 15th August, 2022 the NSS Unit, Siksha-Satra took part in the celebration of Independence Day. 31 students of this unit took part in the parade.

On 24th September, 2022 the NSS Unit, Siksha-Satra took part in the celebration of NSS Day. Swapnil Mondal and Gouri Mondal of class XII received the best volunteer award of the unit. The NSS Unit, Siksha-Satra received the most prestigious award of the ceremony, the unit was nominated as the best unit of Visva-Bharati for 2022.

The NSS Unit took part in rallies on National Unity Day on 31st October 2022, and on 15th November 2022, to observe the birth anniversary of Sardar Vallabhbhai Patel, and to observe Birsha Munda Jayanti respectively. The students gathered in front of Santiniketan ‘Upasana Griha’ and then walked up to Central Administration Building to participate in a small programme with posters and banners.

On the Republic Day 31 students NSS Unit, Siksha-Satra took part in the parade with a great enthusiasm and sincerity.

The NSS Unit, Siksha-Satra performed their regular duties throughout the session like – Cleaning, Gardening and motivating the students to keep their school premises clean to lead a healthy life.

NCC

The NCC Unit of Siksha-Satra functions under 50 Bengal Bn NCC Bolpur. The NCC course in the school is for 2 years after which the cadets have to appear for the ‘A’

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certificate exam. The NCC cadets of Siksha-Satra undertake different extra-curricular activities throughout the year.

From 12th May to 20th May, 2022 CATC BD-1 Camp was organized where NCC cadets from different Schools participated. From Siksha-Satra 5 JW Cadets participated in the camp held at Bolpur. There was a JW Drill competition where 5 cadets won the 2nd prize. Besides, there was also a cultural competition, and our cadets got the 1st prize. Again, in Kho-Kho competition all our cadets got the 2nd prize.

International Day of Yoga was celebrated on 21st June worldwide. The NCC cadets of Siksha-Satra too participated in the event, and embraced Yoga in their day-to-day life.

As 26th July is celebrated as Kargil Vijay Divas, cadets from Siksha-Satra participated in different activities organized by the 50 Bengal Bn NCC Bolpur.

On the 12th August 2022, most cadets participated in International Youth Day celebration. Next, Independence Day was celebrated in the Vinaya-Bhavana ground where all our NCC cadets took part in the parade. On this day tree plantation event was also organized to mark the occasion.

One of our cadets, Sergeant Suraj Das was selected to undergo training in Kalyani for RDC-2023. He attended the RD camp from 12th November to 19th November 2022 under Bardhaman group. A cultural competition was organized where he got the 2nd position in the group song, the 1st in the group dance, the 2nd position in the Ballet and 1st position in the National Integration Awareness Presentation.

On 27th November 2022 NCC Day was also celebrated with great enthusiasm including different cultural competitions, drawing competitions, poetry competitions etc. at 50 Bengal Bn NCC Bolpur. Two of our cadets got the 2nd prizes in drawing and dance competitions.

On 23rd October Cadets digitally registered themselves for 'Puneet Sankalpa' and each one received a certificate in digital mode. This sankalpa is to prevent the spread of plastic pollution and support Puneet Sagar Abhiyan in protecting the water bodies from plastic contamination.

On 30th September 2022, cadets received the 'Certificate of Commitment' by Central Vigilance Commission in the digital mode. The cadets adopted the Integrity Pledge and are committed to uphold the highest standard of honesty and integrity and to follow probity and rule of law in all walks of life.

As 1st December is celebrated as World AIDS Day, our NCC cadets visited different Departments of Visva-Bharati and distributed AIDS badges.

On 23rd January 2023 Netaji Jayanti was celebrated by the cadets of Siksha-Satra at the NCC office of Vinay-Bhavana.

26th January 2023 being the Republic Day, National Flag was hoisted in Vinaya-Bhavana along with NCC parade where the cadets of Siksha-Satra also participated.

Publications:

Individual Publications:

- Gopinath Mandal (with Dulal Pal), (2022) Effects of aligned magnetic field on heat transfer of water-based carbon nanotubes nanofluid over a stretching sheet with homogeneous–heterogeneous reactions. *International Journal of Ambient Energy*, Taylor & Francis Online, 43(1), 5434-5446.
- Gopinath Mandal (with Dulal Pal), (2022) Entropy analysis of magneto-radiative SWCNT-MWCNT.H₂O hybrid nanofluid flow with slip boundary conditions. *International Journal of Ambient Energy*, Taylor & Francis Online (just-accepted), 1-31.
- Gopinath Mandal (with Dulal Pal), (2022) Entropy generation analysis of magnetohydrodynamic Darcy-Forchheimer Williamson hybrid nanofluid flow through porous medium with nonlinear thermal radiation. *Special Topics & Reviews in Porous Media: An International Journal*, Begell House, 13(3).
- Gopinath Mandal (with Dulal Pal), (2023). Dual solutions of radiative Ag-MoS₂.water hybrid nanofluid flow with variable viscosity and variable thermal conductivity along an exponentially shrinking permeable Riga surface: Stability and entropy generation analysis. *International Journal of Modelling and Simulation*, Taylor & Francis Online 1-26.
- Gopinath Mandal (with Dulal Pal), (2023). Stability analysis and implication of Darcy magnetic-radiative hybrid reactive nanofluid heat transfer over a shrinkable surface with Ohmic heating. *Journal of Thermal Analysis and Calorimetry*, Springer, 1-18.
- Gopinath Mandal (with Dulal Pal), (2023). Stability analysis of radiative-magnetic hybrid nanofluid slip flow due to an exponentially stretching.shrinking permeable

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sheet with heat generation. *International Journal of Ambient Energy*, Taylor & Francis Online 1-12.

- Gopinath Mandal (with Dulal Pal), (2023) Estimation of entropy generation and heat transfer of magnetohydrodynamic quadratic radiative Darcy–Forchheimer cross hybrid nanofluid (GO+ Ag.kerosene oil) over a stretching sheet. *Numerical Heat Transfer, Part A: Applications*, Taylor & Francis Online 1-24.

Any other relevant information:

Siksha-Satra is a Senior Secondary School in Visva-Bharati located at Sriniketan, Birbhum, West Bengal. The ‘Poet’s School’ was established in 1924 with the primary objective to educate one’s limb and mind not merely to be in readiness for all emergencies, but also to be in perfect tune in the symphony of response between life and the world.

The Poet confesses, ‘... I myself attach much more significance to the educational possibilities of Siksha-Satra than to the school and college at Santiniketan which are everyday becoming more and more like so many schools and colleges of this country: borrowed cages that treat students’ minds as captive birds whose sole value is judged according to the mechanical repetition of lessons prescribed by an educational dispensation foreign to the soil.’ He had visualized that the ‘Poet’s School’ would one day realize his dreams.

Mahatma Gandhi came to visit Siksha-Satra in 1925 and became so pleased with its activities that he wanted to borrow the services of the Headmaster of Siksha-Satra for giving shape of his own plan of Basic Education. The Basic Education of Mahatma Gandhi started in the year 1937. The activities of the students of Siksha-Satra and the ideals of Rabindranath inspired Gandhi to think in terms of Basic Education.

In respect to objective, curriculum, pedagogy and methodology, Siksha-Satra today functions as a non-residential institution parallel to the other institutes at Santiniketan under Visva-Bharati offering several subjects of study unique to its nature. The students of Siksha-Satra appear in the School Certificate Examination after Class-X and the Pre-Degree Examination after Class-XII conducted by Visva-Bharati. Apart from formal education, students in Siksha-Satra also learn weaving, wood work, agriculture, artistic handicraft, painting, dance, modelling and music. Exposure to various curricular activities in school plays a vital role to nourish the concept of complete education among the students.

AGRO-ECONOMIC RESEARCH CENTRE

Departmental Seminar (Speakers, Title of the Seminar, Date):

Visit and Interaction Programme, 2022 of Indian Statistical Service (ISS) Trainees from Indian Statistical Institute (ISI), Kolkata with AERC, Visva-Bharati on 18.08.2022.

Chairman: Prof. Debasis Bhattacharya Hony. Director, AERC, Visva-Bharati

Speakers	Titles
Prof. Debasis Bhattacharya Hony. Director, AERC, Visva-Bharati	Importance of Good Quality Data: Their collection, analysis and inferences.
Dr. Hemanta Sarkar Joint Director, Bureau of Applied Economics and Statistics, Govt. of WB	Collection of Official Statistics: Some Introductory Notes
Prof. Shibdas Bandyopadhyay Retired Professor, Applied Statistical Unit, ISI, Kolkata	The Role of Indian Statistical Service in Compiling Official Statistics

One-Day State Level Workshop on Annual Survey on Unincorporated Sector Enterprises (ASUSE) conducted by National Statistical Office (NSO) on 09.12.2022.

Chairman: Prof. Debasis Bhattacharya Hony. Director, AERC, Visva-Bharati

Speakers	Titles
Prof. Debasis Bhattacharya Hony. Director, AERC, Visva-Bharati	Relevance of Gurudeva Rabindra Nath Tagore's Vision in the Context of Present Day's Surveys and Functioning of AERC.
Dr. Bivas Chaudhuri Additional Director General of NSO (Field Operations Division)	Vision of Government of India on Unincorporated Sector Enterprises
Dr. Bandana Sen Deputy Director General of NSO (Field Operations Division)	Introductory note on the importance of the Annual Survey on Unincorporated Sector Enterprises (ASUSE)

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Visit and Interaction Programme of Visitors at AERC, Visva-Bharati on 23.02.2023.

- **Prof. Youngjo Lee, Professor of Statistics, Department of Statistics, Seoul National University, South Korea**
- **Prof. Poonam Singh, Professor of Statistics, Department of Statistics, Delhi University, India**
- **Prof. Rabindra Nath Das, Professor of Statistics, Department of Statistics, Burdwan University, India**

On-going Research Projects in the Department:

Projects under Agro-Economic Centre, Visva-Bharati, Santiniketan funded by Ministry of Agriculture & Farmers Welfare (MoA&FW). Project costs are covered under the total sanctioned fund for AERC. The total sanctioned fund is **210.00 Lakh Rupees** only.

The name of the projects are as follows:

- **Farmers Suicide: Causes and Policy Prescription in India** (Team Leader: Sridev Adak)
- **Land Titling and Agricultural Productivity in India** (Team Leader: Rishav Mukherjee)
- **Cost of Milk Production and Gross Return to Milk Producers in the Selected States of India** (Team Leader: Saptarsi Chakraborty)
- **Decentralized Procurement Scheme for Procurement of Paddy under Minimum Support Price (MSP) in India** (Team Leader: Mehedi Hasan)
- **Consumption Pattern of Different Edible Oils in India** (Team Leaders: Sreejit Roy and Kunal Saha)
- **Agricultural Performance Indicators (15 point) for NITI Ayog** (Team Members: Rishav Mukherjee and Mehedi Hasan)

Publications:

Research papers in Peer reviewed .Refereed .UGC-CARE . CAR-NAAS listed journals: 2

- Ghosh, S., & Roy, S. (2022). Climate change, ecological stress and livelihood choices in Indian Sundarban. Climate Change and Community Resilience,

Vidyasagar University Journal of Economics, Vol. XXVI, 2021-22, ISSN: 0975-8003, pp. 59-75.

- Chatterjee, S., **Hasan, M.** and Chakraborty, R. (2022). An economic impact of conservation agriculture on small and marginal farms in West Bengal, India: An assessment with DID method, *Journal of Crop and Weed*, Vol. 18 No. 3, E ISSN: 2349-9400, pp. 223-237.

Government Reports: 1

- Chauhan, S., Mohanty, T., **Roy, S.**, & Singh, A. (2022). District Financial Inclusion Index for Madhya Pradesh 2022. Atal Bihari Vajpayee Institute of Good Governance and Policy Analysis (AIGGPA), Bhopal, Madhya Pradesh, published by Govt. of Madhya Pradesh, pp. 1-46

Any other relevant information:

Prof. Brajesh Jha, Professor of Agriculture Economics, Agriculture Economics Research Unit, Institute of Economic Growth (IEG), Delhi and project leader of the project entitled “Decentralized Procurement Scheme for Procurement of Paddy under Minimum Support Price (MSP) in India” has visited the centre and study area of West Bengal in relation to the said project.

Sreejit Roy, Research Associate, AERC, Santiniketan submitted Ph.D. thesis entitled “Livelihood Dynamics and Ecological Sustainability in Indian Sundarban” at the Department of Economics and Politics, Visva-Bharati, Santiniketan, WB

A brief history on the development of the Bhavana.Sadana.Vibhaga concerned with an indication of the future plans for development:

The agricultural sector, the main source of livelihood in India, was given high priority in economic planning and development in the country with several schemes and programmes. For the successful implementation of these schemes and programmes, it was felt that region-specific problems related to agriculture and the allied sector need to be studied for having appropriate feedback from the grass-root level.

The Agro-Economic Research Centre for East India was established in 1954 at Visva-Bharati in tune with the University's long tradition of research in agricultural economics centering around the rural reconstruction programme of Rabindranath Tagore at Sriniketan. The main planks of activities of these centres initially included

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conducting continuous village surveys, studies, investigations of the fundamental problems being experienced in an agricultural economy and rural development as also to provide technical advice to the central as well as state governments on the issues referred to by them. With the passage of time and a large number of villages surveyed and resurveyed, the Centre finally switched to problem-oriented studies, rather than policy-oriented studies. Currently, the Centre has been operating in an area comprising the whole of West Bengal, Sikkim and Andaman Nicobar Islands.

The Centre became permanent in May, 1990 and stands integrated with Visva-Bharati with effect from April 1995 and being treated as a special centre by the recent amendment of the statute by the visitor (Honourable President of India) of Visva-Bharati. Since its inception, the centre has been functioning within the Visva-Bharati University, its affairs being governed and managed by the University. The centre is sponsored by annual grants-in-aid from the Ministry of Agriculture and Farmers' Welfare, Government of India, New Delhi.

By 2022-23, this Centre had completed more than 192 studies covering a wide spectrum of subjects pertaining to agricultural growth and development which inter-alia include investment, subsidies, livelihoods, credit, marketing, farm inputs, co-operation, food economics, fisheries, agro-rural industries, etc

RAJBHASHA CELL

To implement the Official Language Policy of the Government of India in Visva-Bharati, the Rajbhasha Cell was established in March, 1993.

The Rajbhasha Cell has two broad programmes, viz

- **Implementation Programme**

It is the administrative part of the Cell. The Rules and Regulations relating to implementation of the Official Language (Rajbhasha) Policy issued by the Govt. of India from time to time are implemented as prescribed for Region “C” to which Visva-Bharati belongs. The Cell also extends support to other departments in translation matters.

- **Training Programme**

The first programme of implementation policy of the Govt. of India is the compulsory training in Rajbhasha Hindi to all the Non Hindi speaking staff from grade C onwards for acquiring working knowledge in Hindi. Visva-Bharati has been participating in this programme since July, 1994. Visva-Bharati has a full time Centre for training in Rajbhasha Hindi in its premises. Visva-Bharati has also incorporated the staff-members of the other Central Govt. organizations located at Bolpur for training in Rajbhasha Hindi for acquiring working knowledge in Hindi from July-December, 2001. It was non-functional from 2002 to 2005. It commenced functioning again from 2006 onwards.

Activities :

- Under the training programme 31 staff-members have completed (Pragya) the prescribed courses of Hindi Teaching Scheme of Govt. of India conducted at Visva-Bharati, Santiniketan Centre during the year 2022-23.
- 03.08.2022 and 15.02.2023. Rajbhasha Cell conducted TOLIC Meeting in Vice-Chancellor’s office Conference Hall, Visva-Bharati. Prof. Sakuntala Mishra, Dept. of Hindi, Presided over the meeting.

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- 29.06.2022. Rajbhasha Cell conducted OLIC Meeting in Vice-Chancellor's office Conference Hall, Visva-Bharati. Prof. Sakuntala Mishra, Dept. of Hindi, Presided over the meeting.
- 27.07.2022. Rajbhasha Cell conducted Hindi Workshop.

RABINDRA-BHAVANA

(An Institute of Tagore Studies and Research)

The Rabindra-Bhavana (initially Rabindra Sadana) started to function under the guidance and patronage of Rathindranath Tagore, the eldest son of Rabindranath Tagore at the Udayana House on 1 July 1942. Rathindranath Tagore donated his father's entire belongings including books, manuscripts, paintings and miscellaneous memorabilia for the development and formation of a Tagore research centre and Museum in Uttarayana Complex, Santiniketan. Soon the necessity of a separate building was felt and the Vichitra building or Rabindra-Bhavana was inaugurated by Pandit Jawaharlal Nehru in the birth centenary year of Tagore in 1961. Gradually Rabindra-Bhavana went on to the greatest repository of Rabindranath's manuscripts, photographs, paintings and personal belongings and attracts tourists and Tagore scholars from India and abroad. It comprises an Archive, Library, Photo Archive and Reprographic Unit to cater to the needs of Tagore researchers and scholars throughout the year. The Museum with its galleries and artifacts exhibits important information on life and works of Tagore and his illustrious family. So the galleries and the five residential houses of Tagore inside Uttarayana complex have been the focal point of attraction for tourists all over the world. The Preservation Unit has been established to restore and conserve Tagore manuscripts, rare books, periodicals, museum materials and paintings. Santiniketan Griha built in 1863 by Maharshi Debendranath Tagore happens to be the oldest building at Santiniketan and was converted into a museum by Rabindra-Bhavana and Visva-Bharati in 2008. Lipika Manuscriptorium which has a rich collection of manuscripts from ancient and medieval periods is also under the jurisdiction of Rabindra-Bhavana administration.

ARCHIVES

Rabindra-Bhavana Archive is considered to be the largest repository of Tagore's original manuscripts, correspondences and paintings gifted by Tagore connoisseurs from all over the world. The archive is the focal point of activities related to Tagore Research. Presently the unit is serving the academicians and scholars by providing digitized images (DVD, JPEG and TIFF Image) for research purpose and exhibitions. Original documents are being preserved in the Rabindra-Bhavana in an environment controlled strong room.

To make the Archive more scholar-friendly, Smart card for every scholar had been introduced in July 2018. Separate files for each scholar have been prepared; Ten (10) computer terminals have been connected through N-computing device, digital photographs of AV unit of Tagore and others have been shown to the scholars as Archival service. Additional photocopies (Xerox) of archival materials and Library books (Lipika etc.) are getting scanned through official scanner.

List of work performed by Rabindra-Bhavana Archives, 2022-2023.

- 231 times opening and closing of strong room.
- 274 scholars used the digital archival service.
- 5000(approx.) print-outs given to scholars.official purpose.
- Digital images 4000(approx.) provided to scholars through email.
- E-delivery of Lipika's manuscripts from the archive's mail ID.
- E-delivery of Tagore's paintings from the archive's mail ID.
- Maintaining of three registers daily.
- Recording of humidity and temperature in the strong room.

LIBRARY

PART: - A

- Acquisition of Documents:**

<i>Name of the Items</i> Number at the	Purchased Books Acc. No	Gifted Books Acc. No	Periodicals	Other (Excluding Periodical) Pamphlets
Accession Number at the beginning of the Year (01.04.2022)	RB48815	UG3623	14138	2743
Number of Books Added during the Year	46	374	112	6
Accession Number at the end of the Year (31.03.2023)	RB48860	UG3996	14249	2748

- Numbers of Books and Journals acquired during the Year 2022-23 is noted below:**

Sl. No.	Items	2022-23	
		Books	Periodicals
1	Languages		
2	Humanities & Social Sc.		
3	Science		
4	Home Science		
5	Computer Science		
6	Commerce & Management		
7	Education		
8	Engineering & Technology		
9	Medical Sciences		
10	Agricultural Sciences		
11	Veterinary Sciences		
12	Law		
13	Others (Please specify) Rabindra Sahitya & Ref Books	420	112
Total		420	112

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- **Number of Books and Journals acquired in the Year 2022-23 according to Languages:**

Sl. No.	Languages	2022-23	
		Books	Periodicals
1	English	66	15
2	Hindi		
3	Regional . Bengali	354	97
4	Others		
Total		420	112

Fund and its Utilization:

- **Budget head wise Allocation & Expenditure during 2022-23:**

Budget Head	Amount Sanctioned (Rs.)	For Books		For Periodicals		Amount spent for Furniture* Rs.
		Amount Spent Rs.	No. of Books purchased	Amount Spent Rs.	No. of Periodical titles subscribed	
Annual Grant (Capital)	17,000/=	17,529/=	46			25,000/=
Revenue Budget	25,000/=	30,632/=				
Others (please specify)						
In case of receiving.procuring furniture, Computer(s) etc. from Central Library, please mention items, numbers, date of received only.				Two UPS & two Aluminium Ladder received on 03.03.23. One CPU is yet to be received.		

- **Status of Catalogue processing of Library Collections:**

Library Collections	Volumes catalogued during the year 2022-23		Volumes pending to catalogue during the year 2023-24	
	Manual	Machine	Manual	Machine
Books		462		632

Library Use during the Year 2022-23:**• Regular Library members & pattern of Library Use (in Figures only)**

Users' nature └─▶	Teachers	Scholars	Students	Staff	Others including V.B. members	Grand Total
Total Registered members	67	453	38	13	24	528

• Services offered to the Users (categorically) during the year 2022-23:

Services	Teachers	Scholars	Students	Staff	Others including V.B. members	Grand Total
Issue	As RB library is closed access and documents are consulted within the reading room of the Library, there is no provision for issue return of books.					NA
Return						
Reference Services	765	3884	12	884		5545

• Distinguished Visitors . Users (Non-members, in figures only)

International	National. other States	West Bengal	Refresher Course Participants	Temporary users (Students)	Temporary users (Scholars)	Any others
20	08	1248	NA	02	02	NA

Annexure I : দেশ (সাপ্তাহিক), বইয়ের দেশ, শারদীয়া আনন্দবাজার, শারদীয়া বর্তমান, শারদীয়া দেশ, শারদীয়া কৃতিবাসী, শারদীয়া পত্রিকা, শারদীয়া কথাসাহিত্য, শারদীয়া প্রতিদিন, শারদীয় কলেজস্ট্রীট, শারদীয়া এইসময়, শারদীয়া আজকাল, শারদীয়া মাসিক বসুমতী।

AUDIO-VISUAL & REPROGRAPHIC UNIT AND PHOTO SECTION

The Reprographic & Audio-Visual Unit has in its holdings the Poet's voice recordings in wire, tape, spool and disc. It has negatives of photographs from our photo collection, CD.DVD (audio and video), Contemporary Digital Photographs, Colour Slides, Microfilm Negatives, VHS and Mini DV cassettes of Video Coverage. Films depicting Rabindranath and Santiniketan which are based on Tagore's stories and poems are preserved here. Gramophone Discs and audio-cassettes of Tagore's songs sung by various artists constitute an important part of the Audio collection.

This unit has a complete set of colour slides and high quality digital images of Rabindranath's paintings of the Bhavana collection. We also have high quality digital images of Tagore's painting collection of NGMA (New Delhi and Bangalore), Rabindra-Bharati, Indian Museum and Academy of Fine Arts (Kolkata).

Apart from our regular coverage of Visva-Bharati's functions, events and festivals, the photo section also documented the visits of several VVIPs including the recent visit of the Honorable President of India **Smt. Droupadi Murmu**, Honorable Governor of West Bengal **Shri C.V. Ananda Bose** and the Honorable Minister of Defence of India **Sri. Rajnath Singh**.

Digitization works of the Photo Section are going on. The work of a digital descriptive data catalogue of the photo archive holdings has started and currently in progress.

Routine works of the Reprographic and Audio-Visual Unit:

1. Video recording

(V.B function and festivals, Events etc.): **4645 Minutes**

2. Video recording

3000 Minutes (Approx.)

(Different enquiry committees of VB, no copies of recordings are kept at RB AVU to maintain confidentiality)

3. Still Photography

(V.B. function, festivals and other programmes): **14,616 Images**

4. Audio-Video service rendered to the scholars:

500 Minutes (Approx.)

5. Print issued from Rabindra-Bhavana A.V Unit:

100 Numbers (Approx.)

6. Photograph. Book. Negative scanned or digitized:	253 (Books) Images
7. Arrangement of audio visual equipment for programmes of Rabindra-Bhavana and Visva-Bharati:	3500 Minutes (Approx.)
8. Digital Audio-Visual Clip given to Scholars:	212 Minutes

Unit's routine work (Photo- Section):

1. Number of scholars attended:	76 Individuals, 5318 Minutes
2. Digital images on CD. Pen Drive. E-mail given to Scholars:	533 Numbers
3. Digital images given to different departments of VB & Other Govt. Sector:	331 Numbers
4. Archival Photographs Scanned or Digitized:	101 Images
5. Description of Photographs (archival) given to Scholars:	533 Numbers
6. Photographs Encapsulation:	204 Images
7. Physical Verification of Photographs Folder Wise:	17 Files 322 Images

Gifts received:

1. Audio-Video CD. DVD. Pen drive:	02 Number
2. Photographs:	(12 + 5 digital photos) = 17 Numbers

LIPIKA MANUSCRIPTORIUM

Lipika Manuscriptorium is a Centre for Manuscript studies and preservation of Nation's written heritage with a collection of more than 12500 Manuscripts pertaining to different Languages and archaic scripts such as Sanskrit, Bengali, Odia, Tibetan, Arabic-Persian and Tamil. Apart from that, this Manuscriptorium has a proud possession of old land records of Surul Zamindar and endowment records of Joyadev Kenduli (Late Mahanta Harikantasarana Deva Brajabasi, Nimbark Ashram). The writing materials of the Manuscripts are in Palm-leaf, Teret palm leaf, Sanchipat and Tulot (old handmade paper) paper. Some of the Manuscripts are exceptional owing to their special textual character. Acquisition of Manuscripts, preventive and curative conservation, examination, identification, shelf marking, keeping the items in the stack according to accession number, preparation of hand list, preparation of Descriptive

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Catalogues, Augmenting user activities and Editing of Manuscripts are carried out by the centre with the avowed objective of promoting higher research based on manuscripts. The Centre has also been conducting occasional demonstration classes on Manuscriptology for University students and scholars. The Centre has performed two college demonstration classes on Manuscriptology for students of Panskura Banamali College, Purba Mednipur and Nalhati Hiralal Bhakat College, Birbhum. During this period under report, 171 Indian & 3 foreign scholars have utilized the Manuscriptorium for Manuscriptologic research work. During the period no of Mss. conserved: Curative Bengali Mss. 50 bundles and Sanskrit Mss. 25 bundles.

Editing and proof checking of V.B. Manuscript no 1762 (Bangla Abhidhan, page 12-582) has been done. Transcription and 3rd press copy proof of Bangla Abhidhan is completed. Present ongoing project is the compilation of Descriptive Catalogue of 'Eight Khanda' (Vol.-VIII) Bangla 'Puthi Parichaya' and Surul-Nathi-Samkalan-2 (Vo. - II).

MUSEUM

Rabindra-Bhavana Museum is a biographical museum on Rabindranath Tagore with a huge collection of 4399 memorabilia and artifacts as on 31.03.2023 of which 20% (approx) are displayed in different galleries and rest are preserved in Museum Store and Strong Room. The main gallery emphasizes on the Life and literary works of Rabindranath and is located on the 1st floor of the Vichitra building. The Gitanjali Gallery on the ground floor of Vichitra is a special gallery on Rabindranath's Nobel-winning book of poems *Gitanjali*. Apart from the six historical houses of Rabindranath and his family at Uttarayana for public display, Rabindra-Bhavana has arranged two galleries on life of Rabindranath's father Maharshi Debendranath Tagore (*Debendra Kaksha*) and his eldest brother Dwijendranath Tagore (*Dwijendra Kaksha*) at Santiniketan Griha. To commemorate the death anniversary of Tagore, two separate galleries which were temporarily closed for a certain period of time, *Thakur Barir Kalyanira* (life of illustrious ladies of Tagore family) and *Brahma-Vidyalaya to Visva-Bharati* have been re- inaugurated on 16th August 2020 by Honourable Governor of West Bengal and Rector, Visva-Bharati, Shri Jagdeep Dhankar. Besides, *Guhaghar* which was the studio of Rabindranth's eldest son Rathindranth Tagore, a great artist in

his own right, has been converted into a museum for displaying the paintings and artifacts created by him. Five historical buildings (Konarak, Shymali, Punacha, Udichi and Guhaghar-Chitrabhanu), Pampa lake, Lilipool of Uttarayana complex and Santiniketan Griha, Upasana Mandir, Chhatimtala, Dwijabiram, Taladwaj, Nutun Bari, Singha Sadan, Santosalaya, Dehali etc are recently being renovated by the ASI. The renovation work started two years ago.

New Collection Received:

Dr. Chitrlekha Choudhury, daughter of Chitrani bha Choudhury (the first woman Adhyapaka of Kala-Bhavana during Tagore's period) donated 11 important paintings of her mother to Rabindra-Bhavana (Acc No 22.4389.16 to 22.4399.18).

Digitization and Physical Verification: Routine digitization of museum objects and paintings of Rabindranath Tagore and other collections were done.

Special Visitors to Rabindra-Bhavana

A large number of dignitaries paid a visit to Rabindra-Bhavana and Uttarayana complex during this financial year (April, 2022 to March 2023) including

- Smt. Draupadi Murmu, Hon'ble President of India
- Sri Rajnath Singh, Hon'ble Defence Minister of India
- Sri Amit Shah, Hon'ble Home Minister of India
- Shri Prahladsingh Patel, Minister of State, Ministry of Food processing Industries, Govt. of India.
- Smt. Sharmila Tagore, Indian Actress
- Prof .Santisree Dhulipudi, Hon'ble Vice chancellor, Jawaharlal Nehru University.
- Dr. Leslie D. Joynes, Fullbright-Nehru Senior Scholar India.
- Mr. H.E. Senor Federico, Salas Lotte, Hon'ble Ambassador of Mexico to India.
- Justice Prakash Srivastava, Hon'ble Chief Justice of Calcutta High Court.
- Mr.Melenda Pavek, Hon'ble Consul General, USA to Kolkata.
- Dr.Ajoy Pratap Singh, Director General, National Library of India.
- Justice S. Muralidhar, Chief Justice of Orissa High Court.
- Shri Anupam Kher, Actor

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- Shri C.V. Ananda Bose, Hon'ble Governor of West Bengal
- Md. Kamarujaman, Director General, National Museum, Bangladesh.
- Nafriza Shyama, Joint Secretary, Ministry of Culture, Bangladesh.
- Smt. Trisita Chakma, Councillor, Bangladesh High Commission, Kolkata.
- Dr. Muhammad Abdur Razzaque, Cabinet Minister, Ministry of Agriculture, Bangladesh.

Approximate number of tourists visited the museum during this financial period:

Indian tourists (Adult)	: 2,06,752
Students	: 62,476
Foreigners other than SAARC countries	: 253
Foreigners from SAARC countries	: 108

Total income from Rabindra-Bhavana sales counter

• Sales of R.B. Publication	: 4,10,021/-
• Reprographic & processing charge of R.B. Archives	: 1,31,500/-
• Photo copy & Digital copy of R.B. Library	: 32,135/-
• Registration fees of R.B. Library & Archives	: 25,800/-

RESEARCH WORK

Annual Report of Research Based Works, 2022-23

Completed projects:

- Kalanukramik Rabindra Patrabali vol. 2
- Index of Visva-Bharati Patrika (1376-1428 B.S.)
- Kalanukramik Rabindra Rachanavali vol. viii
- Correspondences between Nirmal Kumari Mahalanabis & Rabindranath Tagore.(*Chithipatra 20*)
- Correspondences between Prasanta Chandra Mahalanabis & Rabindranath Tagore..(*Chithipatra 21*)

- Correspondences between Ajit Kumar Chakraborty and Rabindranath Tagore. (*Chithipatra* 22)

On-going projects:

- Typing and editing of Handwritten journals published by teachers and students of old Santiniketan School. (Rabindra-Bhavana Library collection).
- Kalanukramik Rabindra Patrabali vol. 3 & 4.
- Compilation and editing of an anthology of reminiscences of students and teachers of old Santiniketan school (Rabindra-Bhavana Archival collection).
- Total list of correspondences between Rabindranath Tagore and teachers of old Santiniketan Brahmacharyashram. (First volume comprises letters written by Rabindranath Tagore to Nagendranath Aich, Mohitchandra Sen, Satishchandra Roy, Jagadananda Roy).

PRESERVATION UNIT

Work done: Book binding and conservation of brittle pages.

Type of work	Material	No. of Item
Cloth binding	Book	180.
Lamination & repair of books	Book	300 pages
Others repairing & binding	Books and others	On demand

VISVA-BHARATI LIBRARY NETWORK

In addition to continuation of existing activities and services, following activities have been undertaken by the Visva-Bharati Library Network (VBLN) during the year:

- Organized special sessions to update the academic fraternity on VBLN Resources, Services and Facilities, Research Tools (like Grammarly, Quillbot, Zotero, Mendeley, OURIGINAL, etc.) Remote Access & LSDiscovery (subscribed by VBLN for unlimited access and single window search of all resources of VBLN); hands-on training program for registration in Vidwan and IRINS (Indian Research Information Network System) databases.
- Total transaction for book lending (issue+return) during the year 1,14,703 which is the highest number since its inception. Total number of File checking through OURIGINAL for similarity checking is 2576. Total effective registered in VIDWAN database is 664 and ranked 4th out of all Central University.
- QR code on library services and resources has been updated to encourage the users' community to use the library in friendly manner.
- Common classes on 'Research Publication Ethics' for the PhD Course Work candidates (2022-23) have been conducted successfully by the VBLN under the coordinatorship of University Librarian (Acting), for the first time at Visva-Bharati. This is the formal stepping stone of starting academic activities at the Library.
- AQAR for year 2021-22 has been prepared properly and submitted on time to IQAC of the University.
- Central Library has completed the Physical Stock verification of Books and others Assets properly for the year 2021-22. The guidelines.SOP for Physical Stock Verification (Books) and Operation Modalities of Seminar . Departmental Libraries have been prepared and duly approved by the competent authority.
- Dissemination of information, resources through WhatsApp group, Telegram group, Library face book, YouTube Channel (link - <https://www.youtube.com/@visvabharatilibrarynetwork9081.videos>)
- Arranged online demonstration program with e-resources of different world class e-publishers.aggregators'.

- Preparation of Virtual Library Tour has been done and displayed with the technical assistance of the Scholars and faculty members of the CJMC, VB.
- Procurement of Digital Dashboard, Information Kiosk has been done as new gadgets in addition to regulars ICT gadgets.
- Registration for NDLI Club has been done to accelerate the R&D activities.
- Special drive for termite treatment has been taken for the Gitanjali Net Building as preventive measure.
- Take active part in the arrangements of VB Lecture Series, Young Scholar Lecture Series, Special Lectures, Observation of National Unity Day, International Women's Day, and Partition Horrors Remembrance Day, etc. etc. in Physical. Virtual. Blended.
- In addition to the above, Conference hall Central Library was used as venue for different administrative meetings, like those of Court, Academic Council, IQAC, NIRF, WAVB, HEFA, Admission Coordination Cell (for online counseling too), Accounts Office, Academic Research, Awareness.Training Program to use SAMARTH Module.

Total Number of Books .Periodicals added during the Year 2022-23 (Central Library)

• Books purchased (Print)	1228
• E-books purchased (Perpetual mode)	436
• Books received as gift(print)	146
• Total print books added during the year (a+d)	1374
• Titles of journal subscribed [For VBLN: 233(Central Library 184 (131 journals + 53 Magazines, and for Sectional Libraries -39)]	184
• Newspapers procured [For VBLN: 33 (CL 22 nos. and Sectional Libraries 11 nos.)	22
• Issues of journals received as gift	6923
• CD.DVDs (contained in journals) subscribed	15

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Total Number of Books . Periodicals accessioned as on 31. 03. 2023 (*Central Library*)

• Books: Purchased	:	442578
• Books: Gift	:	G10765
• Total Books (Print)	:	453343
• E-Books: Purchased (No.)	:	436
• Amount paid for E-Books- Purchased	:	Rs. 44,56,233.86
• Total E-Books	:	3836+1280 + 1464+ 389+575+436 = 7980
• Accessioned Issues of Journals & Newspaper (Subscribed)	:	9784
• Accessioned Issues of Journals (Gift)	:	6923
• Accessioned for Bound Journals	:	562

Total Number of Books transferred to Departmental .Sectional Libraries from Central Library

- Seminar Libraries – 133
- Sectional Libraries & others – 187

Issue and Return of Books. Periodicals of VBLN

- Number of Books Issued- 62825
- Number of Books Returned- 51878
- Total Transactions of Circulation Section (a+b)- 114703

Other Modern Technology-based Services of VBLN **129497**

• Total ESS Inflibnet e-journals, databases downloads or views by users	44354
• Total Users Used LsDiscovery search Facilities	84380
• Inter Library Loan service through DELNET & BCL	07
• Number of documents digitized on reader's request	06
• Total pages digitized on reader's request	750
• Total Number of files checked through OURIGINAL for similarity checking	2576

Total Hits; Views; download and browsing in different e-resources of VBLN	1.56,720
--	-----------------

- INFLIBNET (Journal + database): 44354
- Sage online journals: 1118
- Indiatat: 3975
- EPWRF: 2713

Membership for Inter - Library Loan (ILL) . Document Delivery Service (DDS)

- British Council Library, Kolkata (More than 7,000 e-journal and 1,00,000+ e-books)
- DELNET, New Delhi
- JCCC@INFLIBNET
- J-gate (More than 37,000 e-journals)

VBLN Members *

- Total Active Members 7558
(Teachers – 604, Scholars – 785, Students – 5901, Staff – 470, Others -25)
- Total number of users who accessed the resources through library site 55759

Library Timing

- **Central Library:**
All days except weekly holidays (Saturday & Sunday): 7 am - 8 pm
Saturday and Sunday: 10 am - 6 pm. Other holidays: 10.00 a.m. - 6.00 p.m. (Only Reading Room)
Total no. of days Library was open in the year: 341 days (Including Weekly Holiday services – 96 days and other Holidays (only reading room services) -14 days).
- **Sectional Libraries:**
Most of them are open during 9.30 am – 6pm, weekly off days are Saturday and Sunday while the same is Wednesday and Thursday for Rabindra Bhavana and Wednesday and Sunday for Patha Bhavana Library (service hour 6.30am to 1.00pm).

Documents Processing

- ## Publications

- Monthly Library e-Newsletter (12 issues released)
- Library Bulletin – ‘Current Journals-2022’ for Visva-Bharati subscribed Journals
- Library User’s Manual, Brochure
- Library Reference Manual

Total twenty-three (23) - exhibitions of books and allied materials on important personalities.days have been organized in the Reference Section during the year.

- Visva-Bharati Library is connected with the Campus-wide WiFi enabled connection through NKN and RailTel a Project of Ministry of Education (MoE), Government of India. VBLN has PCs-163, printers- 62 including 18 barcode printers, web camera-06, digital camera- 02, Conference Speaker – 02 (Bluetooth enabled), Digital Display Board -01, Information Kiosk – 02, Scanner -12, 32” LCD Monitor – 01, LCD Projectors -05.
- Visva-Bharati Library offers services and facilities of browsing e-journals, online-databases, e-books to its users. On-line searching, e-mail facilities for academic and research purposes, etc. have also been provided by the library.
- Library Management Software LibSys-10 (Cloud-based, Unicode Web compliant) is being used for automating the library activity and services. Library catalogue database are now accessible through INDCAT a project of INFLIBNET (link: <https://indcat.inflibnet.ac.in.index.php.popup.index?check=eyJ1YWw1IjojVmlldmEgQmhhcmF0aSI6InVuaSI6IltZTQkhfNzMxMjM1IiwidmFsljoxMTkxOTN9>) and LSDiscovery of VBLN through (Link: <https://vbu.lsdiscovery.in.home.dashboard>). Remote Access enabled LSDiscovery which is accessible through any device, any

network, any platform, any users (including guest), any time, any resources available etc. are the unique features on the way of modernization of VBLN.

- Presently, Visva-Bharati Library catalogue database holds 553486 titles of documents containing 7,48,713 individual accession numbers excluding 49546 bound volumes of journals and 3146 theses and 7980+one database purchased e-books. In addition, purchased e-book (perpetual mode), 1,15,000-titles through various consortia) from world famous publishers.aggregators (Elsevier, Cambridge Online, Springer, Sage, Taylor & Francis, Oxford University Press and British Council Library) which have been linked (alphabetical, subject-wise, publisher-wise) in the library web page to browse.
- Uploading of digitized books on the library server has been done fully and is accessible through <https://vbu.lsdiscovery.in.home.dashboard> and NDLI (National Digital Library of India). Current Theses available received in softcopy are also being uploaded. In addition to e-resources Central Library has made an **Institutional Repository** of Faculty publications; syllabuses of various courses; Question papers of examinations of different programmes; Annual Report of Visva-Bharati and VBLN; Monthly e-Newsletter of VBLN etc.

E-Resources

- i. **Current title of E-journals accessed from ESS (Inflibnet): 7041 Journals**
 - American Institute of Physics - **19 Journals**
 - American Physical Society - **17 Journals**
 - Annual Reviews - **43 Journals**
 - Economic & Political Weekly - **1 Journal**
 - JSTOR - **3165 Journals**
 - Oxford University Press - **262 Journals**
 - Project Muse - **731 Journals**
 - Springer Link 1700 Collection and Nature Journal - **1725 Journals**
 - Taylor and Francis - **1078 Journals**
- ii. **Current title Online database accessed through ESS (Inflibnet): 05**
 - Institute for Studies in Industrial Development (ISID) Database
 - JGate Plus (JCCC)

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- MathSciNet
- Web of Science
- OURIGINAL Similarity Checking Software.
- iii. Current title of Database subscribed: 04**
 - Indiastat.com
 - EPWRF India Time Series
 - Grammarly
 - Remote Access & LsDiscovery
- iv. Perpetual Database: 11**
 - The Women in the National Archives Collection (22-23)
 - China Quarterly (Cambridge Digital Archive Journal)
 - Rural History (Cambridge Digital Archive Journal)
 - Historical Newspaper Archive: Times of India (TOI)
 - Educational Quest: International Journal of Education & Applied Social Science.
 - International Journal of Peace, Education & Development
 - Learning Community: An International Journal of Educational & Social Development
 - Sandharv (Hindi)Techno Learn: An International Journal of Educational Technology
 - Odia Patrapatrika Sangraha (Digital Compilation of Odia Periodicals) 1856-1950
 - Secret Files from World Wars to Cold War from Taylor & Francis
 - China and the Modern World: Hong Kong, Britain and China, 1841-1951 from Cengage Learning India Pvt. Ltd.

Seminar . Workshop . Exhibition . other programs organized

• Special Sessions

Eleven (11) special session on **Quillbot-** Academic writing platform, Issues on Plagiarism Checking, Zotero: Reference Management Software, Similarity Checking through OURIGINAL, Registration in VIDWAN Database, Resources, Services & Facilities of Visva-Bharati Library Network, Mendley as Open Source Management Software, Issues on Publication Ethics etc. have been arranged on 28 June, 29 June, 25

August, 26 August, 29 November, 30 November, 30 January, 31 January, 20 February, 21 February, 22 February for Library Users (Students, Scholars, Faculty Members, Staff) and Library Professionals, etc.

- **Pariksha Pe Charcha -2022**

Visva-Bharati's students, faculties and non-teaching staff together on 01 April 2022 (Friday) participated in the live telecast of "Pariksha Pe Charcha 2022" by Hon'ble Prime Minister of India, Sri Narendra Modi. On behalf of University Administration, University Librarian (Acting)/In-charge, Computer Centre had the honor of organizing the live telecast centrally Visva-Bharati and arranged a live telecast of the event in three locations at Conference Hall, Reading Room and Reference Section. At the Library, Prof. Sabita Pradhan as Vice Chancellor (Acting) and Sri Ashok Kumar Mahato, Registrar (Acting) graced the event with the Scholars, Students (including two schools), officers and staff of the university. Beside Central Library, Academics Departments and Administrative Offices have also made arrangements from their respective Departments to witness the event. There have been a large scale (total participants were around 2237 which was a combination of Faculty members: 269, Staff: 197 and Scholars.Students: 1771)) in physical and virtual modes.

- **Observation of 'World Book and Copyright Day'**

On the occasion of 'World Book Day and Copyright Day' on 23 April 2022 a quiz competition on "Books, Publishers, Authors" has been organized by Central Library on 25.04.2022, at the Conference Hall, central Library at 5.00pm. The main objective of the programme was to promote reading habits among the students in particular. The entire program was planned and staged by the 'Library Friends'. The program started with song, other agenda of the program included, Speech on – 'Role Books and Library in the present day'; Open quiz competition of around sixty questions (including audio and visual), words from the Library Officers and finally program came to an end at 7.20pm with the words of thanks from the University Librarian (Acting) followed by Ashram Sangit. More than seventy participants attended the event. Suparna Mandal, Research Scholar from Comparative Literature was the winner by answering maximum questions of the quiz competition. Library friends increased from twelve (12) to twenty-one (21) and they assured assistance to the library in future.

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- **Meeting with Library Friends** (http://visva-bharati-library.in/images/pdf/Library_Friends%2022-23_VBLN.pdf)

In addition to organizing different events, Library friends are pleased to render their green hands of cooperation for the smooth running of Visva-Bharati Library Network. A group of the library friends have been trained for arrangement of books on the shelves. On 12.07.2022 (Tuesday) seven library friends and engaged themselves for shelving books at the Reference Section along with the library professionals followed by a meeting on some issues of library services and organization of 'Librarian Day-2022'.

- **Course on 'Research Publication Ethics'**

As per n the notification of Visva-Bharati, a six-day common course work on the paper "Research Publication Ethics" for Ph.D. scholars of Visva-Bharati was conducted during 14-20.03.2023 (10 am – 5.30 pm) through blended mode by the Visva-Bharati Library Network (VBLN) under the Coordinatorship of the University Librarian(Acting), Visva-Bharati. One hundred forty-two research scholars (142) from different disciplines attended the course out of 147 scholars enrolled in various departments of Visva-Bharati in the academic session 2022-23. Two faculty members, namely Dr. Ipsita Sarkar, Department of Philosophy & Religion, Vidya Bhavana, and Prof. Sudhansu Sekhar Maity, Department of Statistics, Siksha Bhavana, along with eight library officers of Visva-Bharati Library Network, namely Dr. Nimai Chand Saha, Dr. Partha Pratim Ray, Dr. Tapas Kumar Das, Sri Ajay Kumar Sharma, Dr. Sabahat Nausheen, Dr. Sanat Bhattacharya, Dr. Koushik Ghosh, and Sri Pradip Hembram took the classes for the said course.

In the teaching-learning process, student feedback plays an important role in measuring teaching quality as it helps to improve services depending on stakeholders' satisfaction levels. In view of the above, online feedback responses through 'Google Form' [Link: <https://forms.gle.GuZD9po9rJx9FMks8>] were collected for the said course. Consequently, a five-point scale feedback form on the teaching-learning process was circulated and received 137 scholars' feedback. All the responses on different aspects were positive and encouraging in terms of both organizer and participants too. All the lectures are available on the YouTube through the link - <https://www.youtube.com/@visvabharatilibrarynetwork9081.videos>

- **Tribute to Dr. S. R. Ranganathan on 12.08.2022**

On the occasion of the 130th Birth Anniversary of Dr. S. R. Ranganathan, Central Library, Visva-Bharati, was celebrated. All staff of Central Library has paid homage and tribute to the illustrious Guru Dr. S.R. Ranganathan on this auspicious occasion, followed by a small speech by University Librarian (Acting).

- **Observation of Raksha Bandhan on 12.08.2022**

Rakhaa Bandhan is a holy and popular festival celebrated in India and other parts of the world as a symbol of love and unity. Gurudev Tagore used the perception of Raksha Bandhan to create hope and spread harmony in the minds of people in society. In tune with the significance of the great festival Central Library, Visva-Bharati observed the day to spread love, unity, and integrity among all. The program was organized in a befitting manner.

- **Book Exhibition and a special session to observe 'Partition Horrors Remembrance day-2022' on 14.08.2022**

Visva-Bharati has taken the initiative to celebrate the "*Partition Horrors Remembrance Day*" to commemorate 14 August. The initiatives have been taken to comply with the letter from UGC vide D.O. No. 2-66.2022(CPP-II), dated 07 August 2022 and as announced by the Hon'ble Prime Minister on 15 August 2021 ". From 10-14.08.2022 (from 7.30 am to 7.30 pm), Central Library arranged one Book Exhibition with related books from the library collections. The Exhibition was inaugurated by Prof. Bidyut Chakrabarty, Hon'ble Vice-Chancellor, Visva-Bharati, in presence of Principals, faculty members, scholars, and students of the University. One special lecture was also arranged under the title "Bangla Katha Sahitye Danga O Deshbhag (বাংলা কথা সাহিত্যে দাঙ্গা ও দেশভাগ)". The zoom meeting link for the virtual audience was <https://zoom.us/j.93979493331?pwd=SUG4NXA3cUpiaVdqUmtpaVJ5TFEvdz09>. The speaker was Dr. Chandan Kumar Kundu, Assistant Professor, Department of Bengali, Abhedananda, Mahavidyalaya, Sainthia, Birbhum, and former scholar of Visva-Bharati whose research topic was 'Partition'. The session was presided over by Prof. Bidyut Chakrabarty, Hon'ble Vice-Chancellor, Visva-Bharati. More than hundred-seventy participants attended / joined the session.

- **Three-Day Demonstration Program on E-Resources**

Central Library, Visva-Bharati, has organized a Three-day demo program on e-resources by different publishers in virtual mode during 29-3.08.2022. Twenty-four (24) reputed national and international level publishers have demonstrated their e-resources on their respective platforms. Every day around twenty participants attended the session. The sessions were arranged to comply with the standard operating procedure for procurement of e-resources by VBLN and to give the academics an ambiance regarding the collection and development of the e-resources of different world-class publishers.

- **Library Day-2022**

Visva-Bharati Library Network celebrated National Library Day 2022 on 20.12.2022. National Library Day is celebrated every year on 20th December. It's the day to reflect on the crucial roles that libraries and librarians play in our society. A well-stocked library can introduce readers to new worlds and helps them become more informed citizens. The programme began with an opening song at 5.00 pm, followed by a floral tribute to Kavi Guru Rabindranath Tagore and to Padmashri Dr S. R. Ranganathan. Eminent journalist and one of the temporary members of the Central Library, Mr. Biswajit Roy, was the Chief Guest and delivered a talk on "Importance of Library in the society: Past, Present, and Future." Mr. Roy said, 'Libraries play a key role in building society and creating readers. A library must have enough books, a good reading environment, and other necessary facilities, as libraries play an enormous role in forming a knowledgeable and enlightened society. Student participants also shared their experiences with using the VB library. Mr. Ajay Kumar Sharma, Asst. Librarian & In-Charge, Cheena Bhavana Library, chaired the program. Dr. Nimai Chand Saha, University Librarian (Acting), also addressed the august gathering. Research scholars Indrani Rooj and Sukanta Mondal from the Department of Bengali, Bhasha Bhavana conducted the programme, as 'VB Library Friends.' Eighty-one candidates attended the programme.

- **Visva-Bharati Lecture Series**

On behalf of Visva-Bharati Lecture Series, Visva Bharati Library Network arranged ten lectures (10) and a Debate Session both on virtual, physical mode and hybrid mode (from 49th - 57th lecture and a Special Lecture) on 6.4.2022, 19.05.2022,

11.07.2022, 20.07.2022, 25.07.2022, 29.07.2022, 01.08.2022, 16.09.2022, 18.11.2022, 06.02.2023 and 13.03.2023 respectively. In this lecture series a renowned doctor, academicians, actors and a motivational speaker of the country and also different parts of the world had shared their views about various topics of their subjects. Total 1416 participants joined in these lectures. All the lectures are available on the YouTube through the link - <https://www.youtube.com/@visvabharatilibrarynetwork9081.videos>

- **Visva-Bharati Young Scholars Lecture Series (Dialogic)**

On behalf of Visva-Bharati Young Scholars' Lecture Series, three lectures on 19.04.2022, 25.05.2022 and 27.09.2022 have been hosted. arranged at the Conference Hall, Central Library All the lectures are available on the YouTube through the link <https://www.youtube.com/@visva-bharati3330.videos>

- In addition to the above, Conference Hall, Central Library was used as venue for more than forty (40) different administrative meetings during the year.

Invited Lecture etc. by the Library Professionals

All Staff: Visva-Bharati Library Network has organized different events throughout the year with active support and cooperation (participated and acted in different capacities like hosting the webinar, assisting for technical assistance, publicity, participants, delivered lectures, etc.) from all the officers and most of the staff of the VBLN. Most of the Officers (Sri Ajay Kumar Sharma, Dr Sabahat Nausheen, Dr. Koushik Ghosh) had delivered lectures on different sessions, orientation programs, etc. All the officers of VBLN have taken classes on the course on 'Research Publication Ethics' (RPE) as a common course.

Nimai Chand Saha

In addition to deliver lecture in different Programmes as organized by VBLN during the period, the following invited lectures have been delivered in places other than Visva-Bharati;

- **25.03.2023:** Delivered an invited online-lecture on "Library in Restoration and Dissemination of Traditional Knowledge: Problems and Prospects" in the **International Seminar** on 'Indian Knowledge System for LIS and Allied Disciplines (IKS-LISAD:2023)' organized by the Department of Library and Information Science, Netaji Subhas Open University (NSOU), Kolkata during 24-26

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March 2023. Further, had an opportunity to act as member of the Organizing Committee.

- **04.02.2023:** Delivered an invited lecture on “Public Library in the Current Context: Existence and Reality” in the **International Conclave** on ‘Library beyond Campus: Resurrecting Public Library Service for the Generation Next’ during 04-05 February 2023 by the Universal Briefing, Kolkata, led by Prof. Udayan Bhattacharya, Professor, Department of Library and Information Science, Jadavpur University, Kolkata.
- **29.11.2022:** Delivered an invited video-lecture on “Library in the Changing Society: Expectation and Reality” in the **International Conclave** on ‘Literature, Culture, Library and Society’ by the Department of Library and Information Science, Manipur University, Manipur, during 27-30 November 2022 and. Further, had an opportunity to act as member of the Organizing Committee.
- **18.03.2023:** delivered an invited lecture on “Open Society, Open Education, Open Library” as a resource person in the **National Workshop** organized by the Library Committee of the Aligarh Muslim University, Murshidabad Centre, Murshidabad, WB.
- **15.03.2023:** Delivered an invited lecture on ‘Ethics in Research & Publications: Contemporary Issues’ to deliver lecture in the ten-Day National e-Workshop on “Advanced Research Methodology in Social Sciences” organized by A. K. Dasgupta Centre for Planning and Development, Visva-Bharati [A centre sponsored by the NITI AAYOG, Govt. of India].
- **19.01.2023:** Delivered an invited lecture online on “Librarian and ICT are the two pillars of Accreditation by the NAAC: A Missing Link” in the Refresher Course (AY 2022-23) in Library and Information Science on “ICT Application in Libraries: Planning and Implementation” organized by the UGC-HRDC Doctor Harisingh Gour University, Sagar, M.P. during 19 January – 02 February 2023.
- **07.12.2022:** Delivered an invited lecture through online on “Ethical Aspects of Research and Publications: Current Context” as a resource person in the ten-day Research and Publication Ethics Course organized by Indian Anthropological Society.
- **10.09.2022:** Delivered second invited lecture through online on “Basics of Academic Writing and Handling of Research Data: Practical Approach” in the 2nd Faculty

Induction Program (AY 2022-23) organized by the UGC-HRDC, University of Burdwan, Purba Bardhaman during 25 August – 23 September 2022.

- **01.09.2022:** Delivered first invited lecture through online on “Ethical Aspects of Research & Publications: Towards Safe Journey” in the 2nd Faculty Induction Program (AY 2022-23) organized by the UGC-HRDC, University of Burdwan, Purba Bardhaman during 25 August – 23 September 2022.
- **01.08.2022:** Delivered second invited lecture through online on “Current Context of academic Publications: Towards Safe Practices” in the 1st Faculty Induction Program (AY 2022-23) organized by the UGC-HRDC, University of Burdwan, Purba Bardhaman during 12 July – 10 August 2022.
- **29.07.2022:** Delivered first invited lecture through online on “Open Access Educational Resources: Ways and Means to make it Really Open” in the 1st Faculty Induction Program (AY 2022-23) organized by the UGC-HRDC, University of Burdwan, Purba Bardhaman during 12 July – 10 August 2022.
- **15.07.2022:** Delivered an invited lecture through online on “Citation, reference and Bibliography in Research” as a resource person in the ten-day Research methodology Course organized by Indian Anthropological Society, Kolkata.
- **24.04.2022:** Delivered an invited lecture on ‘Safe Practice, Save Career: Handling Issues on Plagiarism’ lecture in the 10-Day National e-Workshop on “Advanced Research Methodology in Social Sciences” organized by A. K. Dasgupta Centre for Planning and Development, Visva-Bharati [A centre sponsored by the NITI AAYOG, Govt. of India].

Sabahat Nausheen

- **14.01.23.** Delivered an invited Lecture on “Content Analysis and Descriptive Catalogue of Arabic, Urdu & Persian Manuscript of Visva-Bharati Collection” in the 14th Study Circle organized by Universal Briefing, Kolkata, West Bengal.

Koushik Ghosh

- **06.12.2022:** Deliver a lecture as invited speaker through online mode in the “Research and Publication Ethics Course” on Plagiarism Issues organized by the Indian Anthropological Society.

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Publications:

Monthly E-newsletter: All the officers have taken part to publish the monthly e-newsletter of VBLN during the year in different capacities like Editor, Associate Editor, Assistant Editors, etc. Link to browse: <http://visva-bharati-library.in.index.php.publications.library-e-newsletter>

Nimai Chand Saha

- Saha, N. C. & Paul, N. (2022). *Kshetra Samiksha Granthamala (2): Purbasthali Dakshin*. New Delhi: New Delhi Publishers. ISBN: 978-931-93878-37-3

Ajay Kumar Sharma

- Sharma, A. K. (2022). Use of Assistive Technologies for Inclusive Education in Visva-Bharati Library Network. *Library Progress International*, 42(1), 231-236.

Academic . Administrative Distinctions

Nimai Chand Saha

In addition to regular administration of VBLN, Coordinator of Visva-Bharati Admission Coordination Cell (till 18 January 2023), University Coordinator of all the INFLIBNET Projects (Shodh Suddhi, E-sodh Sindhu, Sodhganga, Sodhsangotri, VIDWAN, IRINS, etc.), National Digital Library of India (NDLI) & NDLI Club, etc. Coordinating Visva-Bharati Lecture Series, members of the different Administrative Committees (IQAC, NIRF, DPC, EOC, CRC, HEFA Project Monitoring Committee, etc. etc.) of Visva-Bharati.

Further, following responsibilities have been given by the different external Universities;

- External Member of the Library Stock Verification Committee, ISI, Kolkata
- External Member of the BOS, Department of Library and Information Science, Sidhoo Kahnu Birsha University, Purulia
- External expert for the development of the Library, Usha Martin University, Angara, Ranchi, Jharkhand.
- Member of Governing Body of IASLIC (<http://www.iaslic1955.org.in.Default.aspx?PageId=89>)
- Member of the Committee of Surul READ India Community Library and Resource Centre.

Editor:

International Journal of Library and Information Science (IJLIS) since 2018.
ISSN: 2141-2537, <https://academicjournals.org/journal/IJLIS>

Reviewer:

- *International Journal of Library and Information Science (IJLIS)* since 2015.
ISSN: 2141-2537, <https://academicjournals.org/journal/IJLIS>
- *IASLIC Bulletin*, ISSN: 0018-8441
<http://www.iaslic1955.org.in.Default.aspx?PageId=126>

Koushik Ghosh

In addition to being a Member of the Visva-Bharati Young Scholars' Lecture Series, Co-opted member of VB Admission Coordination Cell & VB Annual Report.

- Webmaster of Visva-Bharati Cooperative Credit Society. <http://www.vbccsl.org/>
- Honorary Member of the Technical and Professional Training Committee of Surul READ India Community Library and Resource Centre.
- Special Officer, Visva-Bharati Cooperative Credit Society Ltd
- President, Prafulla Sen Kristi Parisad (Govt. Sponsored Public Library), Bolpur, Birbhum.

Ajay Kumar Sharma

Member of the Visva-Bharati Young Scholars' Lecture Series, VB Admission Coordination Cell, VB RTI Cell, and Administrator of the Knowledge Module of the Samarth Project at Visva-Bharati.

- Member of the Editorial board of the journal entitled as *International Journal of Academic Research in Library & Information Science (IJARLIS)*.
- Associate Editor of the journal entitled as *International Journal of Information Sources and Services (IJSS)*.
- Member of the Editorial board of the journal entitled as *Sangeet Galaxy*.
- Editor of the journal entitled as *International Journal of Digital Library Services*.
- Webmaster of Visva-Bharati Library Network. (<http://visva-bharati-library.in.index.php>)
- Webmaster of Cheena Bhavana, Visva-Bharati. (<http://visva-bharati.wix.com.cbvbs>)

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Seminar . Conferences . Workshop . Training Participations:

Nimai Cahnd Saha has attended seven different webinar organized by DELNET through GoToWebinar during the year on 06.03.2023, 14-15.02.2023, 24.01.2023, 16.12.2022, 29.12.2022, 21.12.2022, and 30.11.2022.

Ajay Kumar Sharma has participated six different webinar during the year on 24.01.2023, 29.12.2022, 14-16.12.2022, 27-29.06.2022, 18.06.2022 and 31.05. 2022.

Sabahat Nausheen

27.01.23- 02.02.23. Attended Online Short term course on “MOOC’s: A vertical Pedagogy for Asynchronous Learning” organized by UGC HRDC Jadavpur University, Kolkata.

Koushik Ghosh

Webinar Hosted

- **19.04.2022:** Successfully hosted an online lecture series on “*Performing Tagore's Drama on Stage : Crisis & Quest* (রবীন্দ্রনাটকের মঞ্চাভিনয় : সংকট ও মুক্তিসন্ধান)” organized by Dialogic: Visva-Bharati Young Scholars' Lecture Series, Visva-Bharati, Santiniketan.
- **25.05.2022:** Successfully hosted an online lecture series on “*Renewable energy - Biogas and its Barriers in Rural India*” organized by Dialogic: Visva-Bharati Young Scholars' Lecture Series, Visva-Bharati, Santiniketan.
- **27.09.2022:** Successfully hosted an online lecture series on “**Divine Gardener**”: **Rabindranath and Indo-Argentine Literary Transactions** organized by Dialogic: Visva-Bharati Young Scholars' Lecture Series, Visva-Bharati, Santiniketan.

Information related to Total number of Books of VBLN up to 31 March 2023

Sectional libraries	Books up to 31 March 2023 (Purchased)	Books up to 31 March 2023 (Gift)	Books Added		Journals Added	
			Pur- chase	Gift	Sub- scrib ed	Gift
Cheena Bhavana	41194	5023	22	08	06	01
Siksha Bhavana	21191	588	306	76	03	NA
Path Bhavana	37946	2043	115	53	01	NA
Darshan Sadana	9804	77	49	31	02	NA
Hindi Bhavana	36814	494	45	27	07	07
Sangit Bhavana	37370	604	161	18	10	03
Palli Sangathan	37985	182	100	02	NA	NA
Vinaya Bhavana	22741	376	71	14	NA	NA
Rabindra Bhavana	48860	3996	46	374	13	NA
Palli Siksha Bhavana	55163	NA	216	NA	NA	08
Kala Bhavana	17806	68	48	29	07	01
Siksha Satra	27989	473	160	43	NA	NA
All Sectional Libraries	394863	13924	1339	675	49	20
Central Library	442578	10765	1228	146	223	27
Total	837441	24689	2567	821	272	67
Granthan Vibhaga	8600					
Bangladesh Bhavana	3926					
Total Print Books (P+G)	874656					
E-books	7980					
Theses	3115					
<i>Around 90,000 books purchased & accessioned initially at Central Library and thereafter those books have been transferred to different sectional Libraries for the interest of the users and re-accessioned in the concern sectional library i.e. these 90000+ books having double accessioned.counted once in Central Library and again at the Sectional.Bhavana Library. Therefore, there is a difference.gap in between the Accession Number in the Accession Register and Database holdings.</i>						

ANNEXURE—I
Detailed Information on Point 1

Acquisition Section:

Number of books purchased subject wise:

Subject	Central Library	Sectional Libraries
Languages	743	205
Humanities and Social Sciences	282	379
Science	153	662
Home Science		
Computer Science	10	65
Commerce & Management		15
Education	18	57
Engineering & Technology		
Medical Sciences		
Agriculture Sciences	20	166
Veterinary Sciences		
Law		
Others (Music, Arts, Religion, Career Counseling, etc.)		1018
Total: -	1228	2567

Language.version of Purchased books

	Central Library	Sectional Libraries
English	573	1108
Hindi		78
Regional.Bengali	359	972
Others	296	409
Total subscribed for Central Library: -	1228	2567

Periodical Section: -

Foreign Journals	49
Indian Journals	82
Magazines	53
News Papers	22
Total subscribed for Central Library: -	206

Detailed Information on Point- 5**Circulation Section: -**

Category	Teacher	Scholar	Student	Staff	VB Member	Grand Total
Library Users	604	785	5901	470	25	7785

Users visit at different sections of central Library

Month	Reading Room	Periodical Section	Stack Room	Reference Section	Total
April-2022	2948	965	1944	563	6420
May-2022	3494	1285	2358	654	7818
June-2022	2869	1242	761	431	5303
July-2022	2992	1348	1053	334	5727
August-2022	2511	1105	1073	291	4980
September-2022	1671	1096	1436	254	4457
October-2022	358	213	168	51	790
November-2022	2440	1297	1666	272	5675
December-2022	2300	1141	1412	376	5229
January-2023	2925	1512	1622	463	6522
February-2023	2854	1651	2098	465	7068
March-2023	3141	1785	1401	524	6851
Total	30507	14640	16992	4698	66837
It is exact that around 15% of the total users have not put their signature. Further, library has no provision to collect signature of the students in the Open Reading Zone which is around 5% of the total users. Therefore, the actual footfalls will be 20% higher than the recorded footfall. Now, the actual footfalls during the year may be $66837 + 20\% \text{ of } 66837 = 80,204$.					80204

GRANTHANA VIBHAGA KOLKATA

Total Publications : 24 nos.

List of Publications :

1. **CHITRA**
Author : Rabindranath Tagore
Price : Rs. 120.00
ISBN : 978-81-7522-439-1
2. **GALPAGUCCHA (Akhanda)**
Author : Rabindranath Tagore
Price : Rs. 800.00
ISBN : 978-81-7522-175-8
3. **GITABITAN (Akhanda)**
Author : Rabindranath Tagore
Price : Rs. 950.00
ISBN : 978-81-7522-009-6
4. **GITICHARCHA (VOL. 3)**
Author : Rabindranath Tagore
Price : Rs. 100.00
ISBN : 978-81-7522-042-3
5. **GORA**
Author : Rabindranath Tagore
Price : Rs. 400.00
ISBN : 978-81-7522-268-7

6. JAMIDAR RABINDRANATH

Author : Rabindranath Tagore
Price : Rs. 180.00
ISBN : 978-81-7522-535-0

7. JAPANJATRI

Author : Rabindranath Tagore
Price : Rs. 220.00
ISBN : 978-81-7522-425-4

8. MUKUT

Author : Rathindranath Tagore
Price : Rs. 90.00
ISBN : 978-81-7522-607-4

9. PATHPRACHAY (VOL 4)

Author : Rabindranath Tagore
Price : Rs. 150.00
ISBN : 978-81-7522-318-9

10. RABINDRA-RACHANAVALI (VOL. 10) POPULAR

Price : Rs. N.A.
ISBN : 978-81-7522-365-3

11. RABINDRA-RACHANAVALI (VOL. 13) POPULAR

Price : Rs. N.A.
ISBN : 978-81-7522-368-4

12. RABINDRA PARICHAY (BENGALI)

Author : N.A.
Price : Rs. 120.00
ISBN : 978-81-7522-493-3

Chapter-2

13. *RUSSIAR CHITHI*

Author : Rabindranath Tagore
Price : Rs. 120.00
ISBN : 978-81-7522-568-8

14. *SAHAJ PATH (VOL.1)*

Author : Rabindranath Tagore
Price : Rs. 90.00
ISBN : 978-81-7522-410-0

15. *SAHAJ PATH (VOL. 2)*

Author : Rabindranath Tagore
Price : Rs. 100.00
ISBN : 978-81-7522-116-1

16. *SAHAJ PATH (VOL. 3)*

Author : N.A.
Price : Rs. 110.00
ISBN : 978-81-7522-056-0

17. *SAHAJ PATH (VOL. 4)*

Author : N.A.
Price : Rs. 120.00
ISBN : 978-81-7522-055-3

18. *SANGITCHINTA*

Author : Rabindranath Tagore
Price : Rs. 350.00
ISBN : 978-81-7522-375-2

19. *SANTINIKETAN (VOL. 1)*

Author : Rabindranath Tagore
Price : Rs. 220.00
ISBN : 978-81-7522-406-3

20. SANTINIKETAN (VOL. 2)

Author : Rabindranath Tagore
Price : Rs. 220.00
ISBN : 978-81-7522-637-1

21. SISU

Author : Rabindranath Tagore
Price : Rs. 120.00
ISBN : 978-81-7522-058-4

22. SVRABITAN (VOL. 4)

Author : Rabindranath Tagore
Price : Rs. 220.00
ISBN : 978-81-7522-491-9

23. SVRABITAN (VOL. 5)

Author : Rabindranath Tagore
Price : Rs. 220.00
ISBN : 978-81-7522-426-1

24. SVRABITAN (VOL. 18)

Author : Rabindranath Tagore
Price : Rs. 200.00
ISBN : 978-81-7522-464-3

Sale Statement:

- Gross Sale in the year 2022-2023 : ` **2,32,62,964.00**
- Net Sale in the year 2022-2023 : ` **1,63,91,200.34**

BANGLADESH BHAVANA

Cultural and other Activities:

- 09.01.2023. Mr. AndalibIlias, the newly appointed Deputy High Commission of Bangladesh at Kolkata visited Bangladesh Bhavana in a goodwill mission. He also met the Vice-Chancellor of Visva-Bharati.
- 09.02.2023. Prof. Manabendra Mukhopadhyay, the Chief Coordinator met the Deputy High Commissioner at Deputy High Commission of Bangladesh at Kolkata to continue the dialogue.
- 21.02.2023. Visva-Bharati observed solemnly the 'International Mother Language Day' at Bangladesh Bhavana premises. The Bangladesh Bhavana and the Foreign Students Assistance Cell jointly organized the day-long programme on behalf of Visva-Bharati.
- 27.02.2023. Dr. Muhammad Abdur Razzaque, the Agricultural Minister of People's Republic of Bangladesh visited Bangladesh Bhavana in his two-day tour to Santiniketan.
- 14.03.2023. A three-member delegate comprising the Finance Officer, University Engineer and the Chief Coordinator met at a bi-lateral officer level meeting at Deputy High Commission of Bangladesh in Kolkata to talk on the current situation and its possible way-out of recovery of the Bhavana.
- 20.03.2023. A six-member delegate headed by the Director General of the National Museum, Dhaka along with a representative from Deputy High Commission visited Bangladesh Bhavana Museum to talk on the pending work of the Museum.

A Brief History with present situation:

The Bangladesh Bhavana is, no doubt, a new feather in the precious crown of Visva-Bharati in recent times with which the University was befitted in 2018. The Hon'ble Prime Ministers of India and People's Republic of Bangladesh, Shri Narendra Modi and Sheikh Hasina respectively inaugurated the Bhavana before an august audience from both the countries on 25th of May, 2018. Bangladesh Bhavana was constituted as a monument of the bilateral relationship between the two neighboring

countries to mark the common history, struggle, language, and culture(partly), ethnicity and obviously the common emotional attachment of the two nations. Gurudeva Rabindranath Tagore, undoubtedly, has been one of the common inspirations in building up the National entity in the both countries. The Bengali people of both sides possess a common legacy for a thousand years. The Prime Minister of Bangladesh Sheikh Hasina expressed her earnest desire to the Government of India for establishing this Bhavana during her visit to New Delhi in 2010; and in 2013, the then President of India Shri Pranab Mukherjee announced the proposal in Dhaka thereafter and urged to set the site at Santiniketan. Santiniketan has been a natural selection for the site of the Bhavana as this ‘abode of peace’ of the bard still causes vibrance amongst the Bengali psyche on both sides of the divisive political border. The cost of building up the Bhavana was entirely borne by the Govt. of Bangladesh. On the other hand, a land of 28880 sq.ft was donated by Visva-Bharati with the consent of the Govt. of India. The architectural uniqueness of the Bhavana attracts people from home and abroad to the Bhavana.

The Bhavana was gifted a one-time corpus fund amounting to Rupees 10 Crores by the Government of Bangladesh on 29.01.2019.

Here is a brief account of present situation and performances during the academic year 2022-23 of Bangladesh Bhavana at Santiniketan.

The main wings:

MUSEUM

The regular functioning of Bangladesh Bhavana Museum started its journey from 18th of September 2018, when it was opened to the common people. There are some distinct corners in the Museum. The spectacle corners exhibit the legacy of the Tagore family in East Bengal, the historical mother language movement of 1952 in East Pakistan, the Liberation War of East Pakistan in 1971, the delicate handicrafts of Bangladesh and some archeological articles of East Bengal discovered by excavation. Normal visit at the Museum, however, has been barred since the central air-conditioning system collapsed totally this year. Moreover, the canopy of the Building hit by a north-wester is yet to be renovated. A partial renovation was done by the Engineering section of the University in the year 2022-23.

LIBRARY

Bangladesh Bhavana Library is unique in its nature as almost all books (figuring more than 3900 including the gifted books by persons) stacked here are published solely from Bangladesh and donated by Bangladesh Govt. Books on the Mother Language Movement (1952) and Liberation War of Bangladesh (1971) certainly outweigh the rest in the library. The books by Rabindranath, Nazrul, Lalan Fakir are other items worthy to be mentioned separately. The two types of entire sets of *Rabindra Rachanavali* and two sets of complete *Nazrul Rachanavali* enrich the concerned scholars, and the scholars from outside of Santiniketan come to study in this library free of cost.

AUDITORIUM, SEMINAR HALLS AND CAFETERIA

Bangladesh Bhavana has the biggest Auditorium of Visva-Bharati having 453 seats with all modern amenities. There is a spacious Cafeteria and two Seminar Rooms (partitioned by a movable wall with a capacity to accommodate 350 persons) for any academic or cultural program of Visva-Bharati. Bangladesh Bhavana provides the hall to Visva-Bharati for meetings and assembling. Bangladesh Bhavana has been a place for uniting the Visva-Bharati fraternity in taking collective decisions and endeavors. The assembling, however, has been barred since the central air-conditioning system collapsed totally this year.

Future Planning:

As per the MoU signed between Govt. of Bangladesh and Visva-Bharati on 25.05.2018, the University is aspiring to make a Study and Research Centre in Bangladesh Bhavana in future.

The comments from the desk of the Chief Officials of the Bhavana:

A fresh dialogue has been initiated between the Deputy High Commission at Kolkata and Visva-Bharati to find out remedies to address the persisting problems of the Bhavana, and to go ahead with its motto of bridging the two neighboring countries. The newly appointed Deputy High Commissioner came to visit Bangladesh Bhavana in a goodwill mission. A delegate comprising of the Finance Officer, University Engineer and the Chief Coordinator from Visva-Bharati met the Deputy High Commission's officials to sort out the problems of the Bhavana for its permanent solution. A six-

member delegate headed by the DG of the National Museum, Dhaka came to visit Bangladesh Bhavana for completion of the long pending work of Museum. The University has been initiating dialogues with its manufacturer company regarding the pending work and lapses found in the building of this Bhavana. The collapsed glass panel at the entry point of the main building has been replaced, and the severely damaged canopy (hit by a north-wester) of the building has been partially repaired this year.

A.K.DASGUPTA CENTRE FOR PLANNING AND DEVELOPMENT

(A Centre sponsored by the NITI AAYOG)

National and International standard conference.Seminar. Workshop . Exhibition etc.

- 20.04.2022 to 29.04.2022. Advanced Research Methodology in Social Sciences.
- 19.05.2022 - Basic to Advance: Hands on Training of SPSS in Research Methodology.
- 05.09.2022 to 14.09.2022. Statistical Analysis of Data using 'R' for Research, Planning & Development.
- 20.02.2023 to 01.03.2023. Use of Statistical Tools & SPSS in Research & Development.
- 06.03.2023 to 15.03.2023. Research Methodology in Social Sciences.

Ongoing research projects in the Department: All research projects are carried out under the A.K.Dasgupta Centre for Planning and Development and completed.

- Inclusion of Indigenous Pedagogy in B.Ed curriculum, practised by the Santhal Community.
- Leto-gaan: Challenges and Prospects of Performance and Livelihood-before, during and after Covid-10 Pandemic.
- Use of Information and communication technology in education in Birbhum district during and after Covid-19
- Women's Participation in the handloom industry for livelihood sustenance in Hooghly district of West Bengal: Social Economic determinants and Entrepreneurial pathways.
- A Study towards Farmers in Agricultural Production and Their Livelihood with special reference to Coimbatore district.
- A study on the effect of Covid-19 Pandemic and Future adaptation strategies on the Livelihood of Toto Community in Sub-Himalayan North Bengal.
- Rural Home-stay Tourism and Sustainable Livelihood: Case study of Chatakpur in Darjeeling Himalayan Region.

A brief History of the Centre:

In 1995 the erstwhile Planning Commission took up a scheme to set up a Unit and a Chair, in some selected Universities, to promote teaching, research, extension and service. Visva-Bharati is one of those Universities which obtained the endowment fund to establish such a Centre and a Chair. The objective of setting such a Centre will be clear from correspondence made by the erstwhile Planning Commission on this subject which states “Planning Commission has been interested in promoting studies and research on Planning and Development and raising an informed debate on the related issues.”

The major areas on which the Unit has been concentrating its research activities are Rural Development, Agriculture, Rural Health, Child Development and impact assessment of different programmes of the Government of India.

Now the Unit is renamed in the name of Professor A.K.Dasgupta. The erstwhile Planning Commission renamed the Chair and Unit in 2012 as “Professor A.K.Dasgupta Chair in Planning and Development” and the Unit as ‘A.K.Dasgupta Centre for Planning and Development. Presently the Centre is housed at the residence of Late of A.K.Dasgupta at 33, Purbapalli, Santiniketan. The Centre is sponsored by the NITI AAYOG, Govt. of India and is under the Chairmanship of the Vice-Chancellor, Visva-Bharati.

Any other relevant information:

The Centre had undertaken four numbers of Skill Development Programmes as a part of community development.

- 24.05.2022 to 27.05.2022-Training on Bandhani.
- 11.07.2022 to 17.07.2022-Training on Hand Batik.
- 08.12.2022 to 10.12.2022- Homemade Biscuits.
- 06.02.2022 to 08.02.2022-Homemade Biscuits.

In the entire programme, nearly 105 women received training from the Centre. Most of the trained women started their own business with the hand-holding support from the Centre.

SC/ST CELL

Visva-Bharati has set up a Special Cell for SC & ST in 1983 and it has the following activities:

The Special Cell for SC & ST has been set up by Visva-Bharati to look after the implementation of reservation policy in respect of student admission, recruitment of Teaching and Non-Teaching staff and promotion of Non-teaching staff. A Professor-in-charge and an Assistant Registrar are posted to look after the activities of the Cell and they are assisted by One Section Officer, One Senior Assistant, One Office Assistant and one Peon (Casual Worker). Presently, this Cell is functioning as SC.ST.OBC and PWD Cell.

Prof. Larisha M Lyndem, Department of Zoology, Siksha Bhavana, Prof. Debasis Bhattacharya, Department of Agricultural Statistics, Palli Siksha Bhavana and Dr. Sanjoy Ghosh, Joint Registrar(Accounts), Visva-Bharati have been appointed as Liaison Officer for SC,ST and PWD, Liaison Officer for EWS and Liaison Officer for OBC category respectively.

Prof. Larisha M Lyndem, Department of Zoology, Siksha Bhavana, Prof. Debasis Bhattacharya, Department of Agricultural Statistics, Palli Siksha Bhavana and Dr. Sanjoy Ghosh, Joint Registrar (Accounts), Visva-Bharati have also been appointed as Nodal Officer for SC.ST.PWD.EWS & OBC to perform duties on relevant rules.guidelines of GOI issued from time to time.

A Standing Advisory Committee on SC.ST has been constituted by the Upacharya to review and monitor the implementation of reservation policies in respect of the employees (Teaching and Non-teaching) and Students' Admission. Moreover, a 'Committee for Monitoring Reservation in Admission' has also been constituted to observe the proper implementation of reservation policy in respect of admission for SC, ST, OBC & PWD and EWS students in different Bhavanas.

The Cell is maintaining Reservation Rosters and Reservation Roster Registers of SC.ST.OBC & EWS of Teaching and Non-teaching posts in direct recruitment and in case of promotion. The Reservation Registers are also introduced for Persons with Disabilities in all Group A,B, C & D posts in direct recruitment and in case of promotion of Group C & D of Non-teaching posts only. The Govt. of India Guidelines. Circular regarding reservation policy and other related matters are implemented with the

approval of the Executive Council of the University. A special recruitment drive was made to fill up the backlog and short fall of SC.ST in teaching posts in the year 2010, 2019 and 2021. Apart from this, according to the O.M.No.30039.1.2019-Estt(Res) dated 31st January, 2019 of GOI 10% reservation in direct recruitment has been implemented for EWS(Economically Weaker Section)in all teaching and non-teaching posts of the University.

Apart from this, the Cell is working on “Special Drive to fill backlog vacancies on Mission Mode” vide F.No.3-3.2021-CU.Cdn dated 28th September, 2021. Accordingly, the Cell is sending the monthly report to the UGC regarding the progress of the filling up of the backlog vacancies. Any complaints, grievances lodged by the SC.ST .OBC students or employees are looked into in a timely manner and brought to the notice of the University administration for their timely and proper redressal.

With the approval of the competent authority of the University, the Cell is following 5% reservation for PWD in admission in UG, PG and School level & 4% recruitment and also following central list of OBC for reservation of OBC category in admission as well as in recruitment.

INDIRA GANDHI CENTRE

Extension activities, NSS, Cultural and other activities organized by the Department and participated by the Teachers and Students of the Department.

Indira Gandhi Centre, like previous years has celebrated “INTERNATIONAL MOTHERS LANGUAGE DAY” on 21st February, 2023. Celebration was a joint venture of Indira Gandhi Centre, Bangladesh Bhavana and Foreign Students Assistance Cell of Visva-Bharati. A Walking procession began at 8 am, in the morning from the road side in front of International Guest House. The participants at the procession were our Hon’ble Vice Chancellor, Professor Bidyut Chakrabarty, the Registrar, faculty of various Departments, Directors of the Centres, Staff members, researchers, foreign and Indian students of different departments. The school students of Patha Bhavana and Siksha-Satra also participated in the procession. At the fore front of the procession there were the students from Sangeet-Bhavana singing the song “আমার ভায়ের রঙে রাঙানো ২১শে ফেব্রুয়ারী, আমি কি ভুলিতে পারি।”

The procession ended at the courtyard of Bangladesh Bhavana nearly at 8.45 a.m. A small cultural programme was arranged for this celebration. At the outset of the programme the Hon’ble Vice Chancellor narrated the importance of the 21st February. Programme ended with the valedictory speeches from the Director of Bangladesh Bhavana.

In the evening session of the celebration a cultural programme was held at the “Ramkinkar Mancha” of Bharath Tirtha, Santiniketan. Most of foreign students as well as Indian students of various languages participated in the programme. Programme ended with the valedictory speech from the Director of the Indira Gandhi Centre followed by Ashram Sangeet.

Publication: One

Individual publication:

- Sarkar Das, M. (2023), Bagh Bandi: A Sedentary Game from India. *International Journal of Pharmaceutical Research and Application*. 08 (02): 918-920.

Any other relevant information:

- Indira Gandhi Centre was established at the initiative of two former Vice Chancellors of Visva-Bharati. Primarily this is a research Centre which is supposed to take projects (academic and cultural) to disclose the ways to disseminate the ideas of peace and universal brotherhood as pointed out by Gurudeva Rabindranath Tagore.
- At present only a Research Associate of the Centre is working on the research project “Indus Valley Civilization and Health Practices.” The project is on the verge of its completion. Two research papers have been prepared from the project for publication in due courses.
- Indira Gandhi Centre has housed Foreign Student Assistant Cell from 2014.

GARDEN SECTION

Activities:

- Garden Section mainly deals with beautification, cleanliness of entire University campus.
- Looking after the gardens of Upasanagriha, Chhatimtala, Rabindra Bhavana, Central. Administrative Building, VC Office, Central Library, Purbita, Kuthibari, Registrar's residence, Purbapally Boys' Hostel, Lipika, Garden Office, Malancha, Indira Gandhi Centre, Academic and research Centre, Rathindra Atithi Griho, Purbapally Guest House, etc.
- Looking after the trees of University and time to time taking special drive on new plantation in various campuses for beautification and healthy environment.

PHYSICAL EDUCATION, SPORTS, NATIONAL SERVICE AND STUDENTS' WELFARE (PSNS)

National and International Standard Conference.Seminar.Workshop.Exhibition etc.:

- 28.04.2022 to 05.05.2022. Seven Days Workshop on Fitness organized by the NSS Units of Visva Bharati.

Extension Activities.NSS.Cultural and other activities organized by the Department and participated by the teachers and students of the Department:

- 16.07.2022. Blood donation camp at Student Activity Center, PSNS, Visva-bharati. Organized by NSS Visva Bharati University.
- 12.08.2022. Azadi Ka Amrit Mahotsav walk. Organized by NSS Visva Bharati University.
- 15.08.2022. Participated Independence Day Parade.
- 24.09.2022. Celebration of National Service Scheme Day.
- 25.12.2022. Participated at Poush Utsav, Visva-bharati.
- 26.01.2023. Participated in the Republic Day's parade at Vinay Bhavana ground.
- The office of the Director, PSNS provide career and psychological counselling for the students.
- Donates specially designed watch to Divyang students.
- Donates wheel chair to Divyang students.
- Provides Aid Fund for Bonafide students of the University.
- Facilitate students for Vidarthi Medical Insurance.
- Provide Swimming pool facilities for the students and staff of the University.
- Provide Gym facilities for the students and staff of the University.

Chapter-2

- Organized inter Department, inter Bhavana, inter University and International sports.
- Organized inter Department, inter Bhavana, inter University cultural competitions.
- Organized Poster Making Competition by the NSS units of Visva Bharati.
- Organized 3 days Village Camp by the NSS Units of Visva Bharati.
- Organized Cleaning Drive by the NSS units of Visva Bharati.
- Organized Orientation Programme by the NSS unit of Visva Bharati.
- Participated Republic Day Parade, 2023 at Red Road Kolkata by the NCC Unit of Visva-Bharati.
- 21.01.2023. Organized One Day Fire Fighting programme by the NCC Unit of Visva-Bharati.
- 23.01.2023. Organized Parakram Diwas on the Occasion of the Birth Anniversary of Netaji Subhash Chandra Bose
- Organized National Youth Day by the NCC Unit of Visva-Bharati.
- 15.11.2022. Organized Jana Jatiya Gaurav Diwas by the NCC Unit of Visva-Bharati.
- 21.01.23. Organized Rank Distribution Ceremony for the NCC Cadets by the NCC Unit of Visva-Bharati.
- 10.12.2022. Organized NCC Enrolment test by the NCC Unit of Visva-Bharati.
- 14.01.23. Observed Black Day in the Memory of Phulwama *Sahids* by the NCC Unit of Visva-Bharati.
- 31.12.2022. Organized National Unity Day by the NCC Unit of Visva-Bharati.
- Organized Har Ghar Tiranga Campaign at Visva-Bharat by the NCC Unit of Visva-Bharati.
- 26.07.22. Celebrated Kargil Vijaya Diwas by the NCC Unit of Visva-Bharati.
- 21.06.2022.Organized International Yoga Day.
- Organized Inter Staff Cricket tournament at Visva-Bharati.
- Organized 7 Days Coaching Camp for Different Games For the Preparation Inter University Tournament.

Academic Distinctions gained by teachers.Scholars or the Department as a whole (like recognition as Department of Special Assistance (D.S.A) or Centre for Advanced Studies (C.A.S), etc.):

- Rank first in Clay Modelling and Mehendi at the National Youth Festival, 2023.
- Rank Second in Installation at the National Youth Festival, 2023.
- Rank third in Mimicry and Classical Vocal at the National Youth Festival, 2023.
- Overall Champion at the East Zone Youth Festival, 2022.
- Champion in Fine Arts at the East Zone Youth Festival, 2022.
- Rank first in the East Zone Youth Festival, 2022 at the following events, Classical Vocal, Indian Group Song, Rangoli, Mehendi and Procession.
- Rank Second in the following events, Elocution, Classical Instrumental (solo), Folk Dance, Installation, Spot Painting, One Act Play, Mimicry and Debate at the East Zone Youth Festival, 2022.
- Rank Third in Clay Modelling and Classical Dance at the East Zone Youth Festival, 2022.
- Visva-Bharati Participated in the Inter-University and Inter-Zonal sports competitions Organized by AIU held at KIIT University.
- Visva-Bharati Men and Women Athletics Team Qualified for All India Inter University Competition Organized By AIU and Achieved 16th Position held at KIIT University.
- Visva-Bharati Men's Volley Ball Team Played pre Qualifying match and Became the Pool Champion in the Inter-University competitions Organized by AIU held at KIIT University.
- Visva-Bharati for the First Time Participated in Women's Cricket Tournament.
- Visva-Bharati Men's Cricket Team Qualified Up to Pool Quarterfinal Organized by the AIU held at KIIT University.
- Subrata Bishal and Priyanka Mukherjee Participated In NSS National Integration Camp, 2023 (18 and 24 Feb, 23), Organized by the Ministry of Youth Affairs and Sports.
- Subrata Bishal and Nasrin Khatun Participated in East zone Pre-Republic Day Parade camp, 2023 at Kalyani University.
- Atanu Mondal Participated in Adventure Programme Organized by the ABVIMAS at Manali. October 27-November 5,2022.

Chapter-2

- NCC Cadets from 2nd and 3rd Year Participated in CATC and Pre-RDC camp at Bolpur and Kalyani.
- NCC Cadets from 2nd and 3rd Year Participated in B and C certificate examination.
- 10.01.2023-Felicities to the Covid Worriers by the Times of India Group.
- Dr. (Lt.) Abhijit Thander Attained CATC camp at Bolpur as ANO of Visva-Bharati NCC Unit.
- Two Students Participated in Floral Tribute at Parliament on the Occasion of Subhas Chandra Bose's Birth Day on 23rd January.

Publication:

- PSNS Newsletter. 2022. 1:1

Designing New Course.Curriculum or any other teaching innovations introduced by the Department:

- The Office of the Director, PSNS organized Yoga and Meditation Practice Camp.
- The Office of the Director, PSNS organized Spoken English Course.

LECTURE SERIES

Visva-Bharati Lecture Series:

On behalf of Visva-Bharati Lecture Series, Visva Bharati Library Network arranged ten lectures (10) and a Debate Session both on virtual, physical mode and hybrid mode (from 49th - 57th lecture and a Special Lecture) on 6.4.2022, 19.05.2022, 11.07.2022, 20.07.2022, 25.07.2022, 29.07.2022, 01.08.2022, 16.09.2022, 18.11.2022, 06.02.2023 and 13.03.2023 respectively. In these lecture series renowned doctor, academicians, actors and motivational speaker of the country and also different parts of the world had shared their views about various topics of their subjects. Total 1416 participants joined in these lectures. All the lectures are available on the YouTube through the link - <https://www.youtube.com/@visvabharatilibrarynetwork9081.videos>

- 06.04.2022. **“Moderate Muslims, but for whom and for what purpose”** delivered by Prof. Tomas Lindgren, Professor of the Psychology of Religion, Department of Historical, Philosophical, and Religious Studies, Umea University, Sweden.
- 19.05.2022. **“Buddhist Iconography in Bengal in the 11th and 12th Century”** delivered by **Prof. Claudine Bautze-Picron**, is an erudite scholar and art historian and former faculty of Art History and Archaeology, Faculty of Philosophy and Letter, University of Librae de Bruxelles, Brussels, Belgium.
- 11.07.202. **“Risks and Rewards of the Road Less Travelled”** delivered by **Shri Kabir Bedi**, is an international star in Film Industry and author as well as an alumni of Visva-Bharati.
- 20.07.2022 **“একবিংশ শতাব্দীতে রবীন্দ্রনাথের প্রাসঙ্গিকতা ম্রিয়মাণ ”** (The Relevance of Tagore is diminishing in the twenty first century). Four students.scholars from each Visva-Bharati, Santiniketan and Dhaka, Bangladesh participated in the debate session. The Debate will be coordinated by Dr Kunal Sarkar, Chairperson, Calcutta Debating Circle and an eminent consultant – Cardiac Surgery.
- 25.07.2022. **“The Concept of Kali Worship . काली पूजार् धारणा. काली-उपासना की अवधारणा”** delivered by Swami Saradatmananda Ji Maharaj, Ramkrishna Mission.

Chapter-2

- 29.07.2022. “**How director optimism affects CEO dismissal?**” delivered by **Dr. Jaideep Chowdhury**, is an Associate Professor of Finance at James Madison University, Virginia, USA.
- 01.08.2022. “**Medieval’ History of ‘Tamil India’: Pre-Vijayanagara Phase**” delivered by **Prof. Venkatasubramanian** is a retired Professor, Department of History, Delhi University.
- 16.09.2022. “**বিশ্বভারতীর ঐতিহ্য ও আধুনিকতা (Tradition and modernity of Visva Bharati)**” delivered by Prof. Amal Kumar Mukhopadhyay, retired Principal and Professor, Political Science, Presidency College (now Presidency University), Kolkata.
- 18.11.2022. “**Governing Principles of Democracy in Ancient Sanskrit Scriptures based on Sruti, Smrti, Itihasa and Mahakatya Texts**” by **Prof. Neerja A Gupta**, Hon’ble Vice-Chancellor, Sanchi University of Buddhist-Indic Studies (SUBIS), Sanchi, MP.
- 06.02.2023. “**Machine Intelligence: Why and How?**” delivered by **Padmashri Prof. Sankar Kumar Pal**, is a National Science Chair, GoI; President Indian Statistical Institute (ISI); Distinguished Scientist and former Director, ISI.
- 13.03.2023. “**Power of Failure**” delivered by **Shri Anupam Kher**, a global Indian actor, film-maker, motivational speaker, and best-selling author.

Dialogic: Visva-Bharati Lecture Series:

On behalf of Visva-Bharati Young Scholars’ Lecture Series, three lectures on 19.04.2022, 25.05.2022 and 27.09.2022 have been hosted. arranged at the Conference Hall Central Library All the lectures are available on the YouTube through the link <https://www.youtube.com/@visva-bharati3330.videos>

- 19.04.2022- “ *Performing Tagore's Drama on Stage : Crisis & Quest (রবীন্দ্রনাটকের মঞ্চাভিনয় : সংকট ও মুক্তিসন্ধান)*” by **Dr Amartya Mukherjee**, Assistant Professor, Rabindra Sangit Dance and Drama, Sangit-Bhavana, Visva-Bharati.
- 25.05.2022- “*Renewable energy - Biogas and its Barriers in Rural India*” by **S. Balachandran**, Associate Professor, Department of Environmental Studies, Siksha-Bhavana, Institute of Science, Visva-Bharati, Santiniketan.
- 27.09.2022- on “**Divine Gardener”: Rabindranath and Indo-Argentine Literary Transactions** by **Dr Nilanjana Bhattacharya**, Assistant Professor of Comparative Literature, Centre for Comparative Literature, Bhasha Bhavana, Visva-Bharati, Santiniketan.

CHAPTER-3

ACADEMIC CALENDAR/PROGRAMMES for the year : 2022-23 ACADEMIC SESSION FROM 1ST JULY 2022 TO 30TH JUNE 2023

	Programmes	Time Schedule
1.	Admission	
a)	Admission form of UG courses and prospectus available through University website. Admission form of Pre-Degree (Class-XI), Postgraduate, Ph.D., Certificate, Diploma, and Advanced Diploma courses and prospectus available through University website.	From 06 th April, 2022 From 01st June, 2022
b)	Last date for receipt of application form for UG through online Last date for receipt of application form for Postgraduate, Ph.D. through online Last date for receipt of application form for Pre-Degree (Class-XI), Certificate, Diploma, and Advanced Diploma through online	26th June 2022 06 th July, 2022 28th July 2022
c)	Online publication of merit list	22 nd August, 2022
	Counseling of candidates (Pre-Degree (Class-XI), Postgraduate, Ph.D. Certificate, Diploma, and Advanced Diploma courses)	30 th August, 2022 – 22 nd December, 2022
	Commencement of Classes	As per Bhavana
d)	Admission Test – PG Courses & results there of	July 2022 – August 2022
e)	Admission to PG Courses	August 2022 – November 2022

Chapter-3

2.	Commencement of classes	
a)	Patha-Bhavana and Siksha-Satra (Secondary and Higher Secondary Education)	02 nd January, 2022 (for the session 2022-23)
b)	UG/PG-I, UG/PG III, V, VII and IX Sem B.Ed., B.P.Ed., M.Ed, M.P.Ed	21 st July, 2022 04 th July, 2022 As per NCTE schedule
c)	UG-II UG-IV, VI, VIII PG-II, IV Courses B.Ed., B.P.Ed., M.Ed, M.P.Ed	01 st April, 2023 16 th February, 2023 17 th February, 2023 As per NCTE schedule
3.	Certificate / Diploma / Adv. Diploma Courses	
a)	Advertisement for Admission and Completion of Admission process & Commencement of classes [Certificate / Diploma / Adv. Diploma / Courses (Foreign and Indian)] in Fine Arts and Bridge courses in Fine Arts)	Advertisement: 28th July 2022 Admission Process: October - November 2022
4.	Form fill-up for End-Semester Examinations	
a)	School Certificate/ Pre-Degree Examination (Annual)	SC-31.01.2023 to 14.02.2023 PD-18.01.2023 to 31.01.2023
b)	UG-/ PG Semester-I Examination	06.02.2023 to 24.02.2023
c)	UG/ PG Odd Semesters (except Sem-I)	15.12.2022 to 05.01.2023
d)	UG/ PG (Final /Terminal)Semester	18.04.2023 to 30.04.2023
e)	UG/ PG Even Semesters (except Terminal/Final Sem)	26.06.2023 to 13.07.2023
5.	Submission of Internal Assessment Marks	7 days before the commencement of first examination
6.	Examinations	Date
a)	School Certificate	02.03.2023 to 13.04.2023
	Pre-Degree	28.02.2023 to 28.03.2023
b)	UG/ PG Semester-I	09.03.2023 to 31.03.2023
c)	UG/ PG Odd Semesters (except Sem-I)	17.01.2023 to 10.02.2023

d)	UG/ PG (Final /Terminal)Semester		12.05.2023 to 28.05.2023	
e)	M.Phil.(Even) semester (if any)		17.12.2022 to 22.12.2022	
7.A.	Vacation for	a) First spell (Summer vacation)	b) Second spell (Puja Vacation)	c) Third spell (Winter Vacation)
	Patha-Bhavana & Siksha-Satra	10.05.2022 to 09.06.2022	01.10.2022 to 26.10.2022	26.12.2022 to 31.12.2022
7.B.	Vacation for Faculty			
a.	First spell – Summer Vacation	23.05.2022 to 30.06.2022		
b.	Second spell – Autumn Vacation	11.10.2022 to 21.10.2022		
c.	Third spell – Winter Vacation	26.12.2022 to 30.12.2022		
8.	Publication of Results			
a.	School Certificate	15.05.2023		
b.	Pre-Degree	28.04.2023		
c.	UG-/ PG Semester-I	10.08.2023		
d.	UG/ PG Odd Semesters (except Sem-I)	30.05.2023(Sem-III),17.04.2023(sem-V)		
e.	UG/ PG (Final /Terminal)Semester	03.07.2023(UG-VI),21.06.2023(Sem-VIII,Agril.),11.07.2023(PG-IV)		
f.	UG/ PG Even Semesters (except Terminal/Final Sem)	08.09.2023(UG-IV),18.09.2023(PG-II)		
9.a.	Selection of Research Scholar – Department wise		01 st June, 2022	
b.	Commencement of Ph.D. Coursework		21 st July, 2022	

CHAPTER-4

Students' statistics as on 31.03.2023

New admission for the academic year 2022-23

Name of the course: Under Graduate

Programme	General				SC				ST				EWS			
	M	F	T	TOT	M	F	T	TOT	M	F	T	TOT	M	F	T	TOT
UG Sem-I	314	359	1	674	117	68	0	185	37	18	0	55	36	34	0	70

Prog.	PwD				OBC				Minority				Citizenship			
	M	F	T	TOT	M	F	T	TOT	M	F	T	TOT	M	F	T	TOT
UG Sem-I	14	7	0	21	137	64	0	201	73	35	0	108	641	543	1	1185

Name of the course: Post Graduate

Prog.	General				SC				ST				EWS			
	M	F	T	TOT	M	F	T	TOT	M	F	T	TOT	M	F	T	TOT
PG Sem-I	381	527	0	908	148	141	0	289	52	60	0	112	18	15	0	33

Prog.	PwD				OBC				Minority				Citizenship			
	M	F	T	TOT	M	F	T	TOT	M	F	T	TOT	M	F	T	TOT
PG Sem-I	16	10	0	26	143	152	1	296	95	89	0	184	742	895	1	1638

Name of the course: M.Phil/Ph.D

Programme	General				SC				ST				EWS			
	M	F	T	TOT	M	F	T	TOT	M	F	T	TOT	M	F	T	TOT
Ph.D.	62	29	0	91	5	11	0	16	2	5	0	7	4	5	0	9

Programme	PwD				OBC				Minority				Citizenship			
	M	F	T	TOT	M	F	T	TOT	M	F	T	TOT	M	F	T	TOT
Ph.D.	3	0	0	3	17	7	0	24	9	7	0	16	90	57	0	147

Name of the course: Diploma/Certificate

Name of the course: Diploma/Certificate																
	General		Scheduled caste		Scheduled tribe		Physically Handicapped		OBC		Minority category		Citizenship		Resident students	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1 st yr.(Certificate)	62	118	0	1	1	0	0	0	1	1	7	5	-	-	-	-
1 st yr. (Diploma)	28	24	7	2	0	2	0	0	4	5	1	0	-	-	-	-

School Section

Students' Statistics

Patha-Bhavana and Mrinalini Ananda Pathsala. Students' strength as on 31.03.2023

Class	General		EWS		Schedul ed Caste		Schedul ed Tribe		Physically Handicapped		OBC Students		Minority Category		Citi- zenship		Resident Students	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Map 1 st Yr.	11	13	1	1	10	8	3	-			3	6	2	-				
Map 2 nd Yr.	9	6	5	1	7	7	2	5	1	-	9	8	5	1				
Class-I	7	13	-	-	7	6	2	3	-	-	5	8	-	1				
Class-II	11	10	1	2	9	11	3	3	-	-	11	13	4	-			12	15
Class-III	16	22	4	3	10	15	3	4	-	-	15	13	7	-			11	13
Class-IV	17	14	1	-	10	12	4	8	-	1	14	23	9	11			4	14
Class-V	21	18	-	-	8	15	5	2	-	-	16	17	8	5			10	12
Class-VI	17	22	-	-	12	14	5	5	-	-	18	12	7	7			8	16
Class-VII	21	26	-	2	8	14	3	5	1	1	8	11	2	2			10	18
Class-VIII	16	16	2	2	17	16	6	3	1	1	8	9	2	2			16	23
Class-IX	15	26	1	1	12	12	4	3	-	1	16	16	5	5			20	26
Class-X	25	22	-	-	13	8	4	4	1	1	7	5	5	3			20	18
Class-XI	11	22	1	-	7	18	1	2	6	4	1	1	3	3			6	23
Class-XII	17	20	2	1	10	16	2	5	-	-	7	9	7	5			17	27
Total	199	250	18	13	140	172	47	52	10	9	138	138	66	45	0	0	134	205

Siksha-Satra, Students' Statistics

Student strength as on 31.03.2023:

Class	General		Scheduled Caste		Scheduled Tribe		Physically Handicapped		OBC Students		Minority Category		Citi- zenship	Resident Students	
	M	F	M	F	M	F	M	F	M	F	M	F		M	F
KG-I	08	01	06	02	02	00	00	00	05	02	03	00	Indian	0	0
KG-II	09	08	06	07	04	00	00	01	07	05	04	02	Indian	0	0
Class-I	03	06	03	02	01	02	00	00	04	04	00	01	Indian	0	0
Class-II	05	02	03	04	02	00	00	01	04	03	01	00	Indian	0	0
Class-III	09	08	05	09	02	02	00	01	06	07	06	03	Indian	0	0
Class-IV	11	09	08	08	02	02	00	00	04	07	02	02	Indian	0	0
Class-V	14	14	08	05	02	03	00	00	08	04	07	07	Indian	0	0
Class-VI	18	25	14	12	04	03	00	00	14	09	09	08	Indian	0	0
Class-VII	21	14	15	10	06	02	00	00	19	11	09	08	Indian	0	0
Class-VIII	14	17	11	14	03	03	00	00	10	08	02	03	Indian	0	0
Class-IX	14	26	12	06	02	07	00	00	06	13	04	02	Indian	0	0
Class-X	15	22	08	10	02	03	00	00	11	08	07	02	Indian	0	0
Class-XI	24	31	08	13	04	04	00	00	07	13	04	05	Indian	0	0
Class-XII	29	24	10	10	07	02	00	00	10	12	08	02	Indian	0	0
TOTAL	194	207	117	112	43	33	00	03	115	106	66	45		0	0

CHAPTER-5

Projects approved under the item head 'Campus Development' out of Capital Assets for the year 2022-2023

Sl. No.	Name of the work	Allocation	Execution
1	Repair/renovation/improvement of existing roads at Santiniketan and Sriniketan area, Visva-Bharati	*30,00,000.00	Engineering Department, Visva-Bharati
2	Fencing/Boundary Walls at different locations of campus of Visva-Bharati (e.g. Balipara, Chipkuthi, Sriniketan, Dakshinpalli, etc.)	905000.00	
3	Improvement of illumination at Amrapali Girls Hostel, Santiniketan	2700000.00	
4	Improvement of illumination at Ratanpalli Ground (Quarters area), Santiniketan		
5	Additional/new LED Street Light Fittings for replacement of old Non LED street light fittings		
6	Cost for up-gradation/extension of Street Light Phases in the campus (to be deposited to WBSEDCL)		
7	Upgradation/laying of PVC Water Supply from the open well submersible pump of Sangit Kala Bhavana Building to Sangit Bhavana Canteen, Santiniketan, Visva-Bharati	1695000.00	
8	Upgradation/laying of PVC water main from bore well of Swimming Pool to Stadium at Vinaya-Bhavana, Physical Education Department, Visva-Bharati		
9	Upgradation/laying of 150/100/80 mm dia DI Pipe at Purbapalli Bachelors Quarters, RathindraAthitiGriha, New Residence of Hon'bleUpacharya, Santiniketan, Visva-Bharati		
10	Improvement of drainage system for Block-A, Type-III new flats at Andrewspalli, Santiniketan	1205000.00	
11	Improvement of drains in front of PM Hospital, Sevapalli, Santiniketan		
12	Improvement of drains in front of P.M. Hospital – brick drain behind Purbapalli Boys Hostel		
13	Enhancement of height of periphery wall/fencing of Uttaran Boys' Hostel, Patha Bhavana, Santiniketan	600000.00	

14	Repairing of fencing and construction of a grill gate at fodder field (opposite of Dairy & Poultry Farm), PSB, Sriniketan		
15	Repairing of fencing at Dakshinipalli, Santiniketan		
16	Improvement of road at outside Ratanpalli periphery boundary wall, Visva-Bharati, Santiniketan		
17	Improvement of road from main road of Physical Education Department to Gymnasium at Vinaya-Bhavana, Santiniketan	2050000.00	
18	Repair/renovation/improvement of existing campus roads including roads at Sriniketan and Siksha Bhavana area, Visva-Bharati	3000000.00	
19	Provision of Ramps at different places of Visva-Bharati	500000.00	
20	Provision/upgradation of tactile pathway at different places of Visva-Bharati for differently abled persons	250000.00	
21	New electrical connection at RKVK operated farm area adjacent to Moldanga, Sriniketan for irrigation purpose	326768.00	
22	Renovation of Basketball Ground at the Department of Physical Education, Vinaya-Bhavana, Santiniketan	823000.00	
23	Construction of a pathway with shed from main building to annexe building at Department of Physics at Santiniketan	600610.00	
24	Repairing of the underground reservoir, deck floor and painting of the building & boundary walls of Swimming Pool at Vinaya-Bhavana	802430.00	
25	Construction of Boundary wall/fencing surrounding Ashram area at Visva-Bharati campus, Santiniketan – near Qtr. No. 13, Gurupalli opposite to Uttaran Hostel and near the house of S.M. Sen by the side of By-pass road	717415.00	
26	Improvement of Horticulture under Garden Section, Visva-Bharati including landscaping and beautification at different areas of the campus (with at least 2 years rearing contract)	700000.00	Garden Section Visva-Bharati
	Total	15970223.00	

* + GST & LWC as applicable.

CHAPTER-6

Statement for Grants Released and Expenditure for Annual Reports

		2018-19 Rs. in Lakh	2019-20 Rs. in Lakh	2020-21 Rs. in Lakh	2021-22 Rs. in Lakh	2022-23 Rs. in Lakh
Salary	Opening Balance	2359.25	-349.69	-185.97	-95.37	-380.96
	Grants Released	15231.46	21000.00	18488.32	18866.50	21058.00
	Expenditure	17940.40	20836.28	18397.72	19512.09	20932.15
	Closing Balance	-349.69	-185.97	-95.37	-380.96	-255.10
Recurring	Opening Balance	15.48	-115.79	-818.84	-586.64	-724.94
	Grants Released	9114.52	10866.44	10601.19	9732.30	12641.00
	Internal Receipts	883.73	1231.61	1100.28	1348.88	1183.35
	Expenditure	10129.52	12801.10	11469.27	11219.48	13456.14
	Closing Balance	-115.79	-818.84	-586.64	-724.94	-356.72
Capital Assets	Opening Balance	0.00	0.00	0.00	0.00	0.00
	Grants Released	1225.00	900.00	631.04	454.00	675.00
	Expenditure	939.34	729.69	458.00	448.04	669.33
	Closing Balance	285.66	170.31	173.04	5.94	5.67

APPENDIX-A**PRINCIPALS OF BHAVANAS**

Sl. No.	Name of the Principal	Name of the Bhavana
1.	Prof. Arun Kr. Barik	P.S.B
2.	Prof. Sabita Pradhan	Bhasha Bhavana
3.	Prof. Bipasha Raha	Vidya Bhavana
4.	Prof. Sumanta Kumar Mondal	Vinaya Bhanava
5.	Prof. Swapan Raha	Siksha Bhavana
6.	Prof. Arabinda Mondal	P.S.V
7.	Prof. Buddhadev Das	Sangit Bhavana
8.	Prof. Sanjoy Kumar Mallik	Kala Bhavana

PATHA-BHAVANA & SIKSHA-SATRA**Principal**

Sl. No.	Name of the Principal	Name of the Bhavana
1.	Bodhirupa Sinha Ganguly	Patha Bhavana
2.	Siuli Sinha (Incharge)	Siksha Satra

APPENDIX- B**Heads of Bhasha Bhavana, Visva-Bharati**

Sl. No.	Name of the Head	Department
1.	Prof. Manabendra Nath Saha	Bengali
2.	Prof. Sudev Pratim Basu	English
3.	Prof. Nilanjan Chakraborty	Coordinator, CMELLCS
4.	Prof. Niranjan Jena	Sanskrit, Pali & Prakrit
5.	Dr. Subhash Ch. Roy	Hindi
6.	Prof. Sabita Pradhan	Odia
7.	Prof. Niaz Ahmed Khan	Arabic, Persian Urdu Islamic Studies
8.	Principal, Bhasha-Bhavana	Indo-Tibetan Studies
9.	Prof. Gita A. Keeni	Japanese
10.	Dr. Avijit Banerjee	Chinese Language & Culture
11.	Prof. Aruna Ranjan Mishra	In-Charge of Centre for Buddhist Studies
12..	Dr. Dukhia Murmu	In-Charge of Santhali
13.	Prof. Amal Pal	Co-ordinator of Tagore Studies
14.	Dr. Dheeman Bhattacharyya	Professor-In-Charge, Centre for Comparative Literature.

Heads of Vidya Bhavana, Visva-Bharati

Sl. No.	Name of the Head	Department
1.	Prof. Saumya Chakraborti	Economics & Politics
2.	Prof. Bipasha Raha	History
3.	Prof. Anil Kumar	A.I.H.C & A
4.	Prof. Premangshu Chakrabarty	Geography
5.	Dr. Anup Barman	Philosophy & Comp. Religion
6.	Dr. Mausumi Bhattacharyya	In-Charge, Centre for Journalism & Mass Communication
7.	Dr. Arnab Ghosh	Anthropology
8.	Principal, Vidya-Bhavana	In-Charge, Women Studies Centre.
9.	Principal, Vidya-Bhavana	Education

Heads of Siksha Bhavana, Visva-Bharati

Sl. No.	Name of the Head	Department
1.	Prof. Tapas Roy Mohapatra	Mathematics
2.	Prof. Asmita Sen Gupta	Physics
3.	Prof. Goutam Brahmachari	Chemistry
4.	Prof. Swadesh Ranjan Biswas	Botany
5.	Prof. Dipak Kumar Mondal	Zoology
6.	Prof. Paramartha Dutta	Computer & System Sciences
7.	Prof. Sudhansu Sekhar Maiti	Statistics
8.	Dr. Nilanjana Das	Department of Bio-Technology
9.	Prof. Pratap Kr. Padhy	Department of Environmental Studies
10.	Dr. Susanta Ghosh	In-Charge, Integrated Science Education & Research Centre (I.S.E.R.C)
11.	Prof. Prasanta Kumar Chatterjee	In-Charge, Centre for Mathematics Education, (C.M.E), Siksha-Bhavana

Heads of Vinaya Bhavana, Visva-Bharati

Sl. No.	Name of the Head	Department
1.	Dr. Partha Pratim Sikdar	Education
2.	Prof. Gopal Chandra Saha	Physical- Education
3.	Prof. Sumanta Kr. Mondal	Yogic Art. & Science

Heads of Kala Bhavana, Visva-Bharati

Sl. No.	Name of the Head	Department
1.	Dr. Anshuman Dasgupta	History of Art
2.	Dr. Debashish Mahalanobish	Design
3.	Shri Sutanu Chatterjee	Sculpture
4.	Arghya Priya Majumder	Painting
5.	Shri Ajit Seal	Graphic Art

Heads of Sangit Bhavana, Visva-Bharati

Sl. No.	Name of the Head	Department
1	Sri Mohan Kumaran P	Rabindra Sangit Dance & Drama (R.S.D.D)
2	Prof. Sabyasachi Sarkhel	Hindustani Classical Music (H.C.M)

Appendix

Heads of PSV, Visva-Bharati

Sl. No.	Name of the Head	Department
1	Dr. Prabir Kumar Choudhuri	Silpa-Sadana, P.S.V
2	Prof. Amit Hazra	Department of Lifelong Learning and Extension (R.E.C)
3	Prof. Arabinda Mondal	Social-Work, P.S.V
4	Prof. Santanu Rakshit	P.C.K, P.S.V

Heads of PSB, Visva-Bharati

Sl. No.	Name of the Head	Department
1.	Prof. Ganesh Ch. Malik	Agronomy
2.	Dr. Pabitra Kumar Biswas	Soil Science and Agricultural Chemistry
3.	Prof. Arun Kr. Barik	Agril Engineering, P.S.B
4.	Dr. Jayanta Kumar Chatterjee	Animal Science
5.	Dr. Joydip Mandal	Horticulture and Post Harvest Technology
6.	Dr. Anindita Saha	Agricultural Extension
7.	Prof. Paresh Ch. Kole	Genetics & Plant Breeding
8.	Prof. Arun Kr. Barik	Crop Physiology, P.S.B
9.	Prof. Debashis Sarkar	Agricultural Economics
10.	Prof. Debasis Bhattacharya	Agricultural Statistics
11.	Prof. Hirak Chatterjee	Agricultural Entomology
12.	Dr. Ranjan Nath	Plant Pathology

APPENDIX-C

Paridarsaka (Visitor): Smt. Droupadi Murmu, the Hon'ble President of India
Pradhan (Rector): Dr. C. V. Ananda Bose, the Hon'ble Governor of West Bengal
Statutory officers of the University

(Vide Section 12 of Visva-Bharati Act, 1951 and Statute 7 of the Statutes)

Acharya (Chancellor)	Shri Narendra Modi The Hon'ble Prime Minister of India
Upacharya (Vice-Chancellor)	Prof. Bidyut Chakrabarty
Saha-Upacharya (pro-Vice-Chancellor)	Vacant
Granthagarika	Dr. Namai Chand Saha (Acting)
Chhatra-Prarichalaka (Proctor)	Prof. Sudev Pratim Basu (Officiating)
Director, Granthana Vibhaga (Acting)	Prof. Amrit Sen (Acting)
The Director of Studies, Educational Innovations and Cultural Relations	Vacant
Director of Culture and Cultural Relations (Acting)	Prof. Amal Kumar Pal (Acting)
Director of Physical Education, Sports, National Service and Student Welfare	Prof. Amit Hazra (Acting)
Director, Indira Gandhi Centre	Prof. Chowdhury Habibur Rahaman (Acting)
Registrar & Ex-Officio Secretary of Court, EC, AC	Shri Ashok Kumar Mahato (Acting)
Finance Officer	Prof. Prasanta Kumar Ghosh (Acting)
Adhyakshas/Principals of Bhavanas	As per Appendix-A

Other (Non-Statutory Officers of the University)

Post	Name	Office/Section
Joint Registrar	Dr. Debashis Chakrabarty	Examinations & Development
Joint Registrar	Shri Debasish Dutta	Upacharya Office
Joint Registrar	Shri Soumyendra Sen	IQAC
Joint Registrar	Dr. Sanjoy Ghosh	Accounts
Joint Registrar	Shri Ashok Kumar Mahato	Estate & Legal Cell
Joint Registrar	Dr. Prashant Meshram	Academic & Research
Joint Finance Officer	Shri Gouranga Dutta	Dean Office
Joint Registrar	Dr. Prajnalankar Bhikku	IQAC
Special officer	Shri Nilanjan Banerjee	Rabindra-Bhavana
Deputy Registrar	Dr. Tanmay Nag	Administration & Establishment

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Deputy Registrar	Shri Prasanta Kumar Ghosh	Internal Audit
Assistant Director (Physical Education)	Dr. Abhijit Thander(Offg.)	Sports Board
University Engineer	Shri Amit Sengupta	Engineering
Chief Medical Officer (Acting)	Dr. Arindam Chatterjee	PM Hospital
Medical Officer	Dr. Ananda Mohan Das	PM Hospital
Medical Officer	Dr. Anirban Dasgupta	PM Hospital
Medical Officer	Dr. Mohit Saha	PM Hospital
Medical Officer	Dr. Soumitra Samanta	PM Hospital
Programme Officer	Dr. Bikash Majhi	REC, Sriniketan
Deputy Librarian	Dr. Partha Pratim Roy	PSB Library
Deputy Librarian	Dr. Tapas Kumar Das	Kala-Bhavana Library
Assistant Registrar	Shri Suranjan Ghosh	Examinations
Assistant Registrar	Shri Daibakinandan Das	Accounts
Assistant Registrar	Shri Utpal Hazra	Administration
Assistant Registrar	Shri Bratin Roy	Finance
Assistant Registrar	Shri Maloy Sutradhar	Central Purchase Section, HBA & Statistics Section
Assistant Registrar	Shri Anirban Sircar	Granthana Vibhaga
Assistant Registrar	Shri Hillol Mukhopadhyay	Legal Cell & online RTI &
Assistant Registrar	Shri Pradip Saha	Recruitment
Assistant Engineer	Shri Ansuman Biswas	Engineering (Civil)
Assistant Librarian	Dr. Ms Sabahat Nausheen	Rabindra-Bhavana Library
Assistant Librarian	Shri Ajay Kumar Sharma	Cheena Bhavana Library
Assistant Librarian	Dr. Sanat Bhattacharya	Siksha Bhavaan Library
Assistant Librarian	Dr. Koushik Ghosh	Central Library
Assistant Librarian	Sri Pradip Hembram	Sangit-Bhavana Library
Hindi Officer	Sri Gopal Kumar	Hindi Cell
Information Scientist	Sri Ramprasad Majumder	Central Library
Curator	Dr. Pradip Mandal	Rabindra-Bhavana
Photographic Officer	Shri Sourav Chakraborty	Rabindra-Bhavana

APPENDIX-D

List of Professor

Sl. No.	Name of the Faculty	Department / Bhavana
1.	Prof. Mrinal Kanti Mondal	Department of Bengali
2.	Prof. Amal Kr. Pal	Department of Bengali
3.	Prof. Sudip Basu	Department of Bengali
4.	Prof. Aparna Roy (Bhattacharya)	Department of Bengali
5.	Prof. Abhra Bose	Department of Bengali
6.	Prof. Manabendra Nath Saha	Department of Bengali
7.	Prof. Manabendra Mukhopadhyay	Department of Bengali
8.	Prof. Debarati Bandyopadhyay	Department of English
9.	Prof. Amrit Sen	Department of English
10.	Prof. Swati Ganguly	Department of English
11.	Prof. Sudev Pratim Basu	Department of English
12.	Prof. Indrani Das	Centre for Modern European Languagesm, Literatures and Culture Studies (Italian)
13.	Prof. Nilajan Chakraborty	Centre for Modern European Languagesm, Literatures and Culture Studies (French)
14.	Prof. Chakradhar Tripathi	Department of Hindi
15.	Prof. Mukteswar Nath Tiwary	Department of Hindi
16.	Prof. Sakuntala Misra	Department of Hindi
17.	Prof. Narottam Senapati	Department of Sanskrit
18.	Prof. Arun Mondal	Department of Sanskrit
19.	Prof. Lalita Chakraborty	Department of Sanskrit
20.	Prof. Aruna Ranjan Mishra	Department of Sanskrit
21.	Prof. Jagatram Bhattacharya	Department of Sanskrit
22.	Prof. Niranjana Jena	Department of Sanskrit Pali & Prakrit
23.	Prof. Sabita Pradhan	Department of Odia
24.	Prof. Monoranjan Pradhan	Department of Odia
25.	Prof. Avijit Banerjee	Department of Chinese
26.	Prof. Gita A. Keeni	Deptt. of Japanese
27.	Prof. Sanjib Kr Das	Department of Indo Tibetan Studies

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28.	Prof. Niaz Ahmed Khan	Department of Arabic Persian
29.	Prof. Wasif Ahmad	Department of Arabic
30.	Prof. Vibhas Ch. Jha	Department of Geography
31.	Prof. Manjari Bhattacharji	Department of Geography
32.	Prof. Premangshu Chakrabarty	Department of Geography
33.	Prof. Sirajul Islam	Department of Phil. & Religion
34.	Prof. Anil Kumar	Department of AIHC& A
35.	Prof. Biplab Loha Choudhury	Department of JMC
36.	Prof. Sandip Basu Sarbadhikary	Department of History
37.	Prof. Bipasha Raha	Department of History
38.	Prof. Syed Ejaz Hussain	Department of History
39.	Prof. Sarbajit Sengupta	Department of Economics & Politics
40.	Prof. Sudipta Bhattacharya	Department of Economics & Politics
41.	Prof. Apurba Chattopadhyay	Department of Economics & Politics
42.	Prof. Soumya Chakraborti	Department of Economics & Politics
43.	Prof. Swapan Raha	Department of Mathematics
44.	Prof. Prasanta Chatterjee	Department of Mathematics
45.	Prof. Prasanta Mondal	Department of Mathematics
46.	Prof. Tapas Roy Mohapatra	Department of Mathematics
47.	Prof. Dibendu Banerjee	Department of Mathematics
48.	Prof. Subhasis Roy	Department of Mathematics
49.	Prof. Madan Mohan Panja	Department of Mathematics
50.	Prof. Tarapada Bag	Department of Mathematics
51.	Prof. Manas Maity	Department of Physics
52.	Prof. Tapas Kundu	Department of Physics
53.	Prof. Pijush Kanti Ghosh	Department of Physics
54.	Prof. Swapan Mondal	Department of Physics
55.	Prof. Asmita Sengupta	Department of Physics
56.	Prof. Ashis Bhattacharyya	Department of Physics
57.	Prof. Bikash Chandra Gupta	Department of Physics
58.	Prof. Asim Kumar Das	Department of Chemistry
59.	Prof. Pranesh Chaudhury	Department of Chemistry
60.	Prof. Pranab Sarkar	Department of Chemistry
61.	Prof. Goutam Brahmachari	Department of Chemistry
62.	Prof. Swapan Kumar Chandra	Department of Chemistry
63.	Prof. Bhabatosh Mondal	Department of Chemistry
64.	Prof. Gourab Kanti Das	Department of Chemistry
65.	Prof. Adinath Majhi	Department of Chemistry

66.	Prof. Bijoy Krishna Dalui	Department of Chemistry
67.	Prof. Narayan Ch. Mondal	Department of Botany
68.	Prof. Swadesh Ranjan Biswas	Department of Botany
69.	Prof. Subrata Mondal	Department of Botany
70.	Prof. Choudhury Habibur Rahaman	Department of Botany
71.	Prof. Ansuman Chattopadhyay	Department of Zoology
72.	Prof. Dipak Mondal	Department of Zoology
73.	Prof. Samar Kr. Saha	Department of Zoology
74.	Prof. Larisha M. Lyndem	Department of Zoology
75.	Prof. Sudipta Maitra	Department of Zoology
76.	Prof. Alok Kr. Dutta	Department of Computer & System Science
77.	Prof. Paramartha Dutta	Department of Computer & System Science
78.	Prof. Utpal Roy	Department of Computer & System Science
79.	Prof. Sudhansu Sekhar Maiti	Department of Statistics
80.	Prof. Pratap Kumar Padhi	Department of Environment Science
81.	Prof. Subrata Sinha	Department of Integrated Science
82.	Prof. Tathagata Chaudhury	Department of Bio Technology
83.	Prof. Dilip Kumar Mitra	Department of Painting
84.	Prof. Sanjoy Kumar Mallik	Department of History of Art
85.	Prof. Pankaj Panwar	Department of Sculpture
86.	Prof. Goutam Kr. Das	Department of Design
87.	Prof. Sisir Kumar Sahana	Department of Design, Ceramics
88.	Prof. Indrani Mukhopadhyay	Department of Rabindra Music, V.B.
89.	Prof. Y. Hemant Kumar	Department of Rabindra Sangit Dance and Drama
90.	Prof. Konjengbam Sunita Devi	Department of Rabindra Sangit Dance and Drama
91.	Prof. Sruti Bandyopadhyay	Department of RSDD
92.	Prof. Sabyasachi Sarkhel	Department of Hindustani Classical Music
93.	Prof. Swapan Kr. Ghosh.	Department of Hindustani Classical Music
94.	Prof. Basabi Mukherjee	Department of Hindustani Classical Music

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95.	Prof. Buddhadeb Das	Department of Hindustani Classical Music
96.	Prof. Benudhar Chinara	Department of Education
97.	Prof. Kanu Charan Sahoo	Department of Education
98.	Prof. Rajarshi Roy	Department of Education
99.	Prof. Sumantra Kumar Mondal	Department of Physical Education
100.	Prof. Samiran Mondal	Department of Physical Education
101.	Prof. Gopal Chandra Saha	Department of Physical Education
102.	Prof. Paresh Ch. Kole	Department of Genetics & Plant Breeding
103.	Prof. Amitava Paul	Department of Genetics & Plant Breeding
104.	Prof. Hirak Chatterjee	Department of Agricultural Entomology
105.	Prof. Souvik Ghosh	Department of EES
106.	Prof. Siddhartha Deb Mukhopadhyay	Department of Agricultural Extension
107.	Prof. Debasis Bhattacharya	Department of Agricultural Statistics
108.	Prof. Bidhan Chandra Roy	Department of Agricultural Economics
109.	Prof.. Debashis Sarkar	Department of Agricultural Economics
110.	Prof. Goutam Kr. Ghosh	Department of Soil Science and Agricultural Chemistry
111.	Prof. Arun Kr. Barik	Department of Agronomy
112.	Prof. Binay Kumar Soren	Department of Agronomy
113.	Prof. Ganesh Ch. Malik	Department of Agronomy
114.	Prof. Buddhadev Duary	Department of Agronomy
115.	Prof. Ranjan Nath	Department of Plant Pathology
116.	Prof. Snehasish Chakraborty	Department of Horticultural and post Harvest Technology
117.	Prof. Arabinda Mondal	Department of Silpa Sadana
118.	Prof. Santanu Rakshit	Department of Palli Charcha Kendra
119.	Prof. Prashanta Kr. Ghosh	Department of Social Work
120.	Prof. Ashok Kr. Sarkar	Department of Social Work
121.	Prof. Debotosh Sinha	Department of Social Work
122.	Prof. Amit Kumar Hazra	Department of R.E.C.
123.	Prof. Sujit Kumar Paul	Department of R.E.C

List of Associate Professor

Sl. No.	Name of the Faculty	Department / Bhavana
1.	Dr. Romit Roy	Centre for Modern European Languagesm, Literatures and Culture Studies (Germany)
2.	Dr. Saurav Das Thakur	English
3.	Dr. Ananya Dutta Gupta	English and Other Modern European Languages / Bhasha Bhavana
4.	Dr. Dipankar Roy	English and Other Modern European Languages / Bhasha Bhavana
5.	Dr. Tapu Biswas	English and Other Modern European Languages / Bhasha Bhavana
6.	Dr. Nirmal Kr. Mondal	Department of Bengali
7.	Dr. Rita Modak	Department of Bengali
8.	Dr. Atanu Sasmal	Department of Bengali
9.	Dr. Shreela Basu	Bengali / Bhasha Bhavana
10.	Dr. Biswajit Roy	Bengali / Bhasha Bhavana
11.	Dr. Milan Kanti Biswas	Bengali / Bhasha Bhavana
12.	Dr. Harekrushna Mishra	Sanskrit Pali & Prakrit / Bhasha Bhavana
13.	Dr. Sanjay Kumar Mondal	Sanskrit Pali & Prakrit / Bhasha Bhavana
14.	Smt. Tandrima Pattrea	Department of Chinese
15.	Dr. Subhash Ch. Roy	Hindi / Bhasha Bhavana
16.	Dr. Mary Hansda	Hindi / Bhasha Bhavana
17.	Dr. Biplab Raychaudhuri	Department of Physics
18.	Dr. Aparna Saha	Department of Physics
19.	Dr. Sreekantha Sil	Department of Physics
20.	Dr. Swapan Kumar Mondal	Physics / Siksha Bhavana
21.	Dr. Buddhadev Mukherjee	Physics / Siksha Bhavana
22.	Dr. Bidhan Chandra Bag	Chemistry / Siksha Bhavana
23.	Dr. Nazin Ara Begum	Chemistry / Siksha Bhavana
24.	Dr. Alakananda Hajra	Chemistry / Siksha Bhavana
25.	Dr. Manas Ghosh	Chemistry / Siksha Bhavana
26.	Dr. Soma Chunari	Botany / Siksha Bhavana
27.	Dr. Jnanendra Rath	Botany / Siksha Bhavana
28.	Dr. Sushanta Ghosh	Department of Integrated Science
29.	Shri Tathagata Mukhopadhyay	Department of Computer & System Science
30.	Dr. Amar Prasad Mishra	Mathematics / Siksha Bhavana
31.	Dr. Anjan Kumar Bhuniya	Mathematics / Siksha Bhavana

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32.	Dr. Pulak Kumar Patra	Environmental Science / Siksha Bhavana
33.	Dr. S. Balachandran	Environmental Science / Siksha Bhavana
34.	Dr. Nilanjana Das	Bio Technology / Siksha Bhavana
35.	Dr. Santadas Ghosh	Department of Economics & Politics
36.	Dr. Biswajit Mondal	Economics & Politics / Vidya Bhavana
37.	Shri Amit Kumar Biswas	Economics & Politics / Vidya Bhavana
38.	Dr. Soumyadip Chattopadhyay	Economics & Politics / Vidya Bhavana
39.	Shri Anup Barman	Department of Philosophy & Religion
40.	Dr Kousik Bhattacharya	Department of Philosophy & Religion
41.	Dr. Manjari Chakrabarty	Department of Philosophy & Religion
42.	Dr. Arpita Sen	Department of History
43.	Dr. Amarendra Kumar	History / Vidya Bhavana
44.	Dr. Sarita Khettry	Department of AIHC&A
45.	Dr. Arnab Ghosh	Anthropology / Vidya Bhavana
46.	Dr. Amit Chatterjee	Department of Geography, Vidya Bhavana
47.	Dr. Mousumi Bhattacharya	Department of Journalism and Mass Communication
48.	Shri Sakshi Gopal as	Department of Design
49.	Smt. Banatanwi Das Mahapatra	Department of Design
50.	Shri Debashish Mahalanobish	Department of Design
51.	Dr. Sumitabha Paul	Department of Sculpture
52.	Sutanu Chatterjee	Department of Sculpture
53.	Dr. Matilal Kalai	Department of Sculpture
54.	Shri Arghya Priya Majumder	Department of Painting
55.	Shri Rajarshi Biswas	Department of Painting
56.	Shri Sanchayan Ghosh	Department of Painting
57.	Shri Prasanta Saho	Painting / Kala Bhavana
58.	Dr. Arpan Mukherjee	Department of Graphic Art
59.	Shri Ajit Seal	Department of Graphic Art
60.	Dr. Meghali Goswami	Department of History of Art
61.	Dr. Anshuman Dasgupta	History of Art / Kala Bhavana
62.	Shri Mohan Kumaran P.	Department of Rabindra Sangit Dance and Drama
63.	Shri Prasanta Kumar Ghosh	Department of Rabindra Sangit Dance & Drama
64.	Dr. Jayanta Kumar Chatterjee	Department of Animal Science

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65.	Dr. Pabitra Kumar Biswas	Department of Social Science & Agricultural Chemistry
66.	Smt. Suchhanda Mondal	Department of Soil Science and Agricultural Chemistry
67.	Dr. Vasudeva Rao.Y	Department of Soil Science and Agricultural Chemistry
68.	Dr. Anindita Saha	Department of Agricultural Extension / Palli Siksha Bhavana
69.	Dr. Goutam Mondal	Department of Department of Horticultural and post Harvest Technology
70.	Dr. Joydeep Mondal	Department of Horticulture & Post Harvest Technology/Palli Siksha Bhavana
71.	Dr. Kalipada Pramanik	Department of Agronomy / Palli Siksha Bhavana
72.	Dr. Mahua Banerjee	Department of Agronomy / Palli Siksha Bhavana
73.	Shri . Swapan Kumar Maity	Department of Agronomy / Palli Siksha Bhavana
74.	Dr. Ram Prasad Das	Department of Social Work
75.	Dr. Paramita Roy (Choudhur)	Department of Social Work
76.	Shri Vishal C Bhand	Department of Silpa Sadana
77.	Dr. Sankar Roy Maulik	Silpa Sadana/ Palli Samgathana Vibhaga
78.	Dr. Ashis Kumar Mitra	Silpa Sadana/ Palli Samgathana Vibhaga
79.	Dr. Prabir Kumar Choudhuri	Silpa Sadana/ Palli Samgathana Vibhaga
80.	Shri Santanu Jena	Department of Silpa Sadana
81.	Dr. M. Alankara Masillamani	Department of Palli Charcha Kendra
82.	Dr. Rathindra Nath Pramanik	Department of Palli Charcha Kendra
83.	Dr. Sudarshan Biswas	Department of Physical Education
84.	Dr. Mahesh Swata Khetmalish	Department of Physical Education
85.	Dr. Shyamsundar Bairagya	Department of Education
86.	Dr. Partha Pratim Sikdar	Education / Vinaya Bhavana

Appendix

List of Assistant Professor

Sl. No.	Name of the Faculty	Department / Bhavana
1.	Dr. Atiqur Rahaman	Arabic / Bhasha Bhavana
2.	Shri Senthil Prakash. S	Tamil / Bhasha Bhavana
3.	Shri Ranvir Sumedh Bhagwan	Marathi / Bhasha Bhavana
4.	Dr. Payel Mukherjee	Bengali / Bhasha Bhavana
5.	Dr. Nilratan Sarkar	Bengali / Bhasha Bhavana
6.	Smt. Sangita Saikia	Asamese / Bhasha Bhavana
7.	Smt. Nilanjana Bhattacharya	Linguistic & Comparative Literature / Bhasha Bhavana
8.	Smt. Soma Mukherjee	Comparative Literature / Bhasha Bhavana
9.	Dr. Dheeman Bhattacharyya	Comparative Literature / Bhasha Bhavana
10.	Smt. Hem Kusum	Chinese / Bhasha Bhavana
11.	Shri Atreya Bhatta	Chinese / Bhasha Bhavana
12.	Dr. Debdas Kundu	Chinese / Bhasha Bhavana
13.	Shri Chiranjib Sinha	Chinese / Bhasha Bhavana
14.	Dr. Shaona Barik	English and Other Modern European Languages / Bhasha Bhavana
15.	Dr. Usham Rojio Singh	English and Other Modern European Languages / Bhasha Bhavana
16.	Sri Subhash Kr. Thakur	CMELL& CS (Russian) /Bhasha Bhavana
17.	Sri Nipun Nutan	CMELL& CS (French) /Bhasha Bhavana
18.	Ms. Sunita Acharya	CMELL& CS (Russian) /Bhasha Bhavana
19.	Dr. Reuben Philip Mathew	CMELL& CS (Germany) /Bhasha Bhavana
20.	Dr. Arjun Kumar	Hindi / Bhasha Bhavana
21.	Dr. Jagadish Bhagat	Hindi / Bhasha Bhavana
22.	Dr. Shruti Kumud	Hindi / Bhasha Bhavana
23.	Dr. Sukesh Lohar	Hindi / Bhasha Bhavana
24.	Dr. Shedup Tenzin	Indo Tibetan Studies / Bhasha Bhavana
25.	Smt. Prakriti Chakraborty	Indo Tibetan Studies / Bhasha Bhavana
26.	Dr. Sonam Zangpo	Indo Tibetan Studies / Bhasha Bhavana
27.	Dr. Norbu Gyaltsen Negi	Indo Tibetan Studies / Bhasha Bhavana
28.	Dr. Ajoy Kumar Das	Japanese / Bhasha Bhavana
29.	Dr. Sudipta Das	Japanese / Bhasha Bhavana
30.	Dr. Aliul Azim	Japanese / Bhasha Bhavana
31.	Ms. Arpita Paul	Japanese / Bhasha Bhavana

32.	Smt. Pramila Patulia	Odia / Bhasha Bhavana
33.	Dr. Sarata Kumar Jena	Odia / Bhasha Bhavana
34.	Dr. Rabindra Kumar Das	Odia / Bhasha Bhavana
35.	Dr. Indramani Sahoo	Odia / Bhasha Bhavana
36.	Dr. Dhaneshwar Manjhi	Santhali / Bhasha Bhavana
37.	Dr. Dukhia Murmu	Santhali / Bhasha Bhavana
38.	Shri Mansaram Murmu	Santhali / Bhasha Bhavana
39.	Shri Tapan Soren	Santhali / Bhasha Bhavana
40.	Dr. Ramu Hembram	Santhali / Bhasha Bhavana
41.	Dr. Gargi Bhattacharya	Sanskrit Pali & Prakrit / Bhasha Bhavana
42.	Dr. Pritilaxmi Swain	Sanskrit Pali & Prakrit / Bhasha Bhavana
43.	Dr. Ram Pramal Kumar	Sanskrit Pali & Prakrit / Bhasha Bhavana
44.	Bishnu Pada Pal	Sanskrit Pali & Prakrit / Bhasha Bhavana
45.	Dr. Bina Gandhi Deori	Ancient Indian History Culture & Archaeology / Vidya Bhavana
46.	Dr. K. Mavali Rajan	Ancient Indian History Culture & Archaeology / Vidya Bhavana
47.	Dr. Suchira Roychoudhury	Ancient Indian History Culture & Archaeology / Vidya Bhavana
48.	Ms. Sujata Rakshit	Ancient Indian History Culture & Archaeology / Vidya Bhavana
49.	Dr.L.L. Simte	Ancient Indian History Culture & Archaeology / Vidya Bhavana
50.	Dr. Sabarni Pramanik Nayak	Ancient Indian History Culture & Archaeology / Vidya Bhavana
51.	Dr. Suken Shah	Ancient Indian History Culture & Archaeology / Vidya Bhavana
52.	Dr. Achiransu Acharya	Economics & Politics / Vidya Bhavana
53.	Dr.Uttam Kumar Sikdar	Economics & Politics / Vidya Bhavana
54.	Shri Biswajit Halder	Economics & Politics / Vidya Bhavana
55.	Smt. Anamika Moktan	Economics & Politics / Vidya Bhavana
56.	Dr. Priya Brata Dutta	Economics & Politics / Vidya Bhavana
57.	Dr. Madhabendra Sinha	Economics & Politics / Vidya Bhavana (Econo)
58.	Smt. Debasree Pal	Economics & Politics / Vidya Bhavana (Political Science)
59.	Shri Arunabha Das	History / Vidya Bhavana
60.	Shri Subhayu Chattopadhyay	History / Vidya Bhavana

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61.	Dr. Sabyasachi Dasgupta	History / Vidya Bhavana
62.	Dr. Sudhi Mandoli	History / Vidya Bhavana
63.	Dr. Atig Ghosh	History / Vidya Bhavana
64.	Dr. Bidyut Patar	History / Vidya Bhavana
65.	Smt. Sanhita Chatterjee	Journalism & mass Communication / Vidya Bhavana
66.	Dr. Surhita Basu	Journalism & mass Communication / Vidya Bhavana
67.	Dr. Arpan Paul	Journalism & mass Communication / Vidya Bhavana
68.	Dr. Mousumi Roy	Philosophy & Religion/ Vidya Bhavana
69.	Dr. M.P. Terence Samuel	Philosophy & Religion/ Vidya Bhavana
70.	Dr. Rekha Ojha	Philosophy & Religion/ Vidya Bhavana
71.	Smt. Farha Naaz	Religion / Vidya Bhavana
72.	Sri Shubra Jyoti Das	Philosophy & Religion/ Vidya Bhavana
73.	Sri Sujay Mondal	Philosophy & Religion/ Vidya Bhavana
74.	Dr. Ipsita Sarkar	Philosophy & Religion/ Vidya Bhavana (Philosophy)
75.	Dr. Murugesan A	Philosophy & Religion/ Vidya Bhavana (Philosophy)
76.	Dr. Bhairu Lal Yadav	Geography/ Vidya Bhavana
77.	Dr. Krishnendu Gupta	Geography/ Vidya Bhavana
78.	Smt. Sudipta Sarkar	Geography/ Vidya Bhavana
79.	Dr. Raghunath Pal	Geography/ Vidya Bhavana
80.	Dr. Jyoti Ratan Ghosh	Anthropology / Vidya Bhavana
81.	Dr. Rangya Gachui	Anthropology / Vidya Bhavana
82.	Dr. Sipoy Sarveswar	Anthropology / Vidya Bhavana
83.	Dr. Prosenjit Saha	Education / Vinaya Bhavana
84.	Dr. Shilpi Ghosh	Education / Vinaya Bhavana
85.	Dr. Adani Lokho	Botany / Siksha Bhavana
86.	Dr. Hema Gupta (Joshi)	Botany / Siksha Bhavana
87.	Dr. Bomba Dam	Botany / Siksha Bhavana
88.	Dr. Nandalal Mondal	Botany / Siksha Bhavana
89.	Dr. Anjalika Maithy Roy	Botany / Siksha Bhavana
90.	Dr. Anindya Biswas	Botany / Siksha Bhavana
91.	Dr. Subhrangshu Mandal	Botany / Siksha Bhavana
92.	Dr. Jolly Basak	Bio Technology / Siksha Bhavana
93.	Dr. Narottam Dey	Bio Technology /Siksha Bhavana

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94.	Dr. Samiran Saha	Bio Technology /Siksha Bhavana
95.	Dr. Soumya Sasmal	Bio Technology /Siksha Bhavana
96.	Smt. Bula Singh	Chemistry / Siksha Bhavana
97.	Dr. Mothin Seikh	Chemistry / Siksha Bhavana
98.	Dr. Biswajit Dey	Chemistry / Siksha Bhavana
99.	Dr. Kartik Ch. Bhowmik	Chemistry / Siksha Bhavana
100.	Dr. Sudip Kumar Mondal	Chemistry / Siksha Bhavana
101.	Dr. Prithidipa Sahoo	Chemistry / Siksha Bhavana
102.	Sri Biplab Rajbanshi	Chemistry / Siksha Bhavana
103.	Dr. Sourav Banerjee	Chemistry / Siksha Bhavana
104.	Sri Ashok Mandi	Chemistry / Siksha Bhavana
105.	Dr. Pradip Dey	Chemistry / Siksha Bhavana
106.	Dr. Dhrubajyoti Mondal	Chemistry / Siksha Bhavana
107.	Dr. Mahasweta Nandi	Integrated Science / Siksha Bhavana
108.	Dr. Swapan Kumar Pandit	Integrated Science / Siksha Bhavana
109.	Dr. Nilanjan Bandyopadhyay	Integrated Science / Siksha Bhavana
110.	Dr. Gireesh A	Integrated Science / Siksha Bhavana
111.	Dr. Kalyan Hansda	Mathematics / Siksha Bhavana
112.	Dr. Lakshmi Narayan Guin	Mathematics / Siksha Bhavana
113.	Shri Nikhil Pal	Mathematics / Siksha Bhavana
114.	Dr. Sougata Biswas	Mathematics / Siksha Bhavana
115.	Dr. Bipul Pal	Mathematics / Siksha Bhavana
116.	Shri Arani Chakraborti	Physics / Siksha Bhavana
117.	Shri Subhas Chandra Tudu	Physics / Siksha Bhavana
118.	Dr. Subhasish Roy	Physics / Siksha Bhavana
119.	Shri Aditya Sow Mondal	Physics / Siksha Bhavana
120.	Dr. Amitava Bandyopadhyay	Physics / Siksha Bhavana
121.	Dr. Biswajit Pandey	Physics / Siksha Bhavana
122.	Dr. Sudipta Das	Physics / Siksha Bhavana
123.	Dr. Rajkumar Singh	Physics / Siksha Bhavana
124.	Dr. Anagha Chakraborty	Physics / Siksha Bhavana
125.	Dr. Swarup Kr. Majee	Physics / Siksha Bhavana
126.	Dr. Jagadish Chandra Mahato	Physics / Siksha Bhavana
127.	Dr. Rohit Kumar	Physics / Siksha Bhavana
128.	Dr. Arindam Chakraborty	Statistics / Siksha Bhavana
129.	Dr. Tirthankar Ghosh	Statistics / Siksha Bhavana
130.	Dr. Saran Ishika Maiti	Statistics / Siksha Bhavana
131.	Shri Soumalya Mukhopadhyay	Statistics / Siksha Bhavana

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132.	Shri Sourav Rana	Statistics / Siksha Bhavana
133.	Dr. Debashis Chatterjee	Statistics / Siksha Bhavana
134.	Dr. Surjya Kumar Saikia	Zoology / Siksha Bhavana
135.	Dr. Rakesh Kundu	Zoology / Siksha Bhavana
136.	Dr. Sutapa Mukherjee	Zoology / Siksha Bhavana
137.	Dr. Vinod Kumar Chauhan	Zoology / Siksha Bhavana
138.	Dr. Rittik Deb	Zoology / Siksha Bhavana
139.	Dr. Sushil Kumar Sahu	Zoology / Siksha Bhavana
140.	Smt. Kakali Datta	Computer Science / Siksha Bhavana
141.	Shri Subhasis Banerjee	Computer Science / Siksha Bhavana
142.	Smt. Sanchita Pal Choudhuri	Computer Science / Siksha Bhavana
143.	Shri Madhusudan Pal	Computer Science / Siksha Bhavana
144.	Shri Debaditya Barman	Computer Science / Siksha Bhavana
145.	Dr. Sushil Kumar	Environmental Science/ Siksha Bhavana
146.	Shri Madi Linda	Design/ Kala Bhavana
147.	Shri Debasish Das	Design/ Kala Bhavana
148.	Smt. Archana Das	Design/ Kala Bhavana
149.	Smt. Bhavna Khajuria Basumatary	Design/ Kala Bhavana
150.	Shri Anupam Chaudhury	Design/ Kala Bhavana
151.	Shri Pinaki Gayen	Design/ Kala Bhavana
152.	Shri Salil Sahani	Graphic Art / Kala Bhavana
153.	Dr. Uttam Kumar Basak	Graphic Art / Kala Bhavana
154.	Shri Moirangthem Thomas Singh	Graphic Art / Kala Bhavana
155.	Shri Prashanta Phirangi	Graphic Art / Kala Bhavana
156.	Dr. Aditi Ganeev Sangwan	Graphic Art / Kala Bhavana
157.	Shri Soumik Nandi Majumder	History of Art / Kala Bhavana
158.	Dr. Rishav Gandhar Narzary	History of Art / Kala Bhavana
159.	Shri S. Santosh Kumar	History of Art / Kala Bhavana
160.	Shri Ambarish Nandan	Painting / Kala Bhavana
161.	Sk. Sahajahan	Painting / Kala Bhavana
162.	Smt. Dharitri Boro	Painting / Kala Bhavana
163.	Shri Kumar Jasakiya	Painting / Kala Bhavana
164.	Shri Kamal Dhar	Sculpture / Kala Bhavana
165.	Shri Rishi Barua	Sculpture / Kala Bhavana
166.	Shri Amit Kumar Dhara	Sculpture / Kala Bhavana

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167.	Shri Lawanshaibha Kharmwlong	Sculpture / Kala Bhavana
168.	Sajad Hussain Hamdani	Sculpture / Kala Bhavana
169.	Shri Tapas Chatterjee	Hindustani Classical Music / Sangit Bhavana
170.	Smt. Chaya Rani Mandal	Hindustani Classical Music / Sangit Bhavana
171.	Shri Monojit Mallik	Hindustani Classical Music / Sangit Bhavana
172.	Shri Sandip Kumar Ghosh	Hindustani Classical Music / Sangit Bhavana
173.	Dr. Eshita Chakraborty	Hindustani Classical Music / Sangit Bhavana
174.	Shri Ranajit Das	Hindustani Classical Music / Sangit – Bhavana
175.	Dr. Amit Kumar Verma	Hindustani Classical Music / Sangit Bhavana
176.	Shri Sitaram Das	Hindusthani Classical Music / Sangit Bhavana
177.	Shri Animesh Chandra Chandra	Hindustani Classical Music / Sangit Bhavana
178.	Shri Subhayu Sen Majumder	Hindustani Classical Music / Sangit Bhavana
179.	Shri Abir Singh Khangura	Hindustani Classical Music / Sangit Bhavana
180.	Shri Alok Banerjee	Hindustani Classical Music / Sangit Bhavana
181.	Dr. Monaj Kumar Sarma	Hindustani Classical Music / Sangit Bhavana
182.	Dr. Ranjini Ramachandran	Hindustani Classical Music / Sangit Bhavana
183.	Shri P. Mukunda Kumar	Rabindra Sangit Dance & Drama / Sangit Bhavana
184.	Shri Sumit Basu	Rabindra Sangit Dance & Drama / Sangit Bhavana
185.	Shri Basanta Mukherjee	Rabindra Sangit Dance & Drama / Sangit Bhavana

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186.	Shri Rajesh Menon. N	Rabindra Sangit Dance & Drama / Sangit Bhavana
187.	Smt. Arpita Dutta (nee Das)	Rabindra Sangit Dance & Drama / Sangit Bhavana
188.	Shri Sucheendranathan P.K.	Rabindra Sangit Dance & Drama / Sangit Bhavana
189.	Shri Rajesh K.V.	Rabindra Sangit Dance & Drama / Sangit Bhavana
190.	Dr. Nandita Basu Sarbadhikary	Rabindra Sangit Dance & Drama / Sangit Bhavana
191.	Dr. Manini Mukhopadhyay	Rabindra Sangit Dance & Drama / Sangit Bhavana
192.	Shri Saptarshi Ray	Rabindra Sangit Dance & Drama / Sangit Bhavana
193.	Dr. Surajit Roy	Rabindra Sangit Dance & Drama / Sangit Bhavana
194.	Dr. Manas Bhul	Rabindra Sangit Dance & Drama / Sangit Bhavana
195.	Smt. T.Gyanapati Devi	Rabindra Sangit Dance & Drama / Sangit Bhavana
196.	Shri N.P. Sankarnarayan	Rabindra Sangit Dance & Drama / Sangit Bhavana
197.	Dr. Amartya Mukherjee	Rabindra Sangit Dance & Drama / Sangit Bhavana
198.	Dr. Biplob Biswas	Rabindra Sangit Dance & Drama / Sangit Bhavana
199.	Dr. Mrityunjoy Kumar Prabhakar	Rabindra Sangit Dance & Drama / Sangit Bhavana
200.	Sri Shuvankar Mondal	Rabindra Sangit Dance & Drama / Sangit Bhavana
201.	Sri Suman Bhattacharya	Rabindra Sangit Dance & Drama / Sangit Bhavana
202.	Sri Kaustav Karmakar	Rabindra Sangit Dance & Drama / Sangit Bhavana
203.	Dr. Narayan Chandra Sarkar	Department of Agronomy / Palli Siksha Bhavana
204.	Dr. Pritam Ghosh	Department of Agronomy / Palli Siksha Bhavana

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205.	Dr. Manik Chandra Kundu	Department of Soil Science and Agricultural Chemistry
206.	Dr. Umalaxmi Thingujam	Department of Soil Science and Agricultural Chemistry
207.	Dr. Nihar Ranjan Chakraborty	Department of Genetics & Plant Breeding
208.	Dr. Sandip Debnath	Department of Genetics & Plant Breeding
209.	Dr. Debasis Panda	Department of Genetics & Plant Breeding and Crop Physiology
210.	Dr. Sananda Mondal	Department of Genetics & Plant Breeding and Crop Physiology
211.	Dr. Kishore Ch. Swain	Department of Agricultural Engineering
212.	Dr. L. Hangshing	Department of Agricultural Engineering
213.	Dr. Darshan NP	Agri Extension
214.	Dr. Palash Mondal	Department of Plant Protection / Palli Siksha Bhavana
215.	Dr. Swarnali Bhattacharya	Department of Plant Protection / Palli Siksha Bhavana
216.	Dr. Mohan Kumar Biswas	Department of Plant Protection / Palli Siksha Bhavana
217.	Dr. Bholanath Mondal	Department of Plant Protection / Palli Siksha Bhavana
218.	Sri Vivek Kr. Khare	Department of Plant Protection / Palli Siksha Bhavana
219.	Dr. Prahlad Dev	Department of Horticulture & Post Harvest Technology/ Palli Siksha Bhavana
220.	Dr. Digvijay Singh Dhakre	Department of Agricultural Statistics / Palli Siksha Bhavana
221.	Dr. Kader Ali Sarkar	Department of Agricultural Statistics / Palli Siksha Bhavana
222.	Dr. Ashoke Mukherjee	Physical Education/ (PSB)
223.	Dr. Bitan Mondal	Department of Agricultural Economics / Palli Siksha Bhavana
224.	Dr. Ms. Arti	Department of Agricultural Economics / Palli Siksha Bhavana
225.	Sri Subrata Gorain	Department of Agricultural Economics / Palli Siksha Bhavana
226.	Smt. Shyamali Sengupta	Silpa Sadana/ Palli Samgathana Vibhaga
227.	Smt. Jaya Boro	Silpa Sadana/ Palli Samgathana Vibhaga

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228.	Shri Manoj Kumar Projapati	Silpa Sadana/ Palli Samgathana Vibhaga
229.	Shri Ashish Ghosh	Silpa Sadana/ Palli Samgathana Vibhaga
230.	Shri Naba Kumar Majhi	Silpa Sadana/ Palli Samgathana Vibhaga
231.	Shri Deb Kumar Das	Silpa Sadana/ Palli Samgathana Vibhaga
232.	Shri Mrinal Kanti Sarkar	Silpa Sadana/ Palli Samgathana Vibhaga
233.	Smt. Sukanya Chatterjee	Silpa Sadana/ Palli Samgathana Vibhaga
234.	Dr. Tanima Bhattacharya	Silpa Sadana/ Palli Samgathana Vibhaga
235.	Dr. Sukumar Pal	Social Work / Palli Samgathana Vibhaga
236.	Smt. Sudeshna Saha	Social Work / Palli Samgathana Vibhaga
237.	Shri Nilmani Jaysawal	Social Work / Palli Samgathana Vibhaga
238.	Dr. Susmita Patel	Social Work / Palli Samgathana Vibhaga
239.	Dr. Subhasree Sanyal	Social Work / Palli Samgathana Vibhaga
240.	Sri Firdous Barbhuiya	Social Work / Palli Samgathana Vibhaga
241.	Dr. Subhrangshu Santra	Lifelong Learning and Extension / Palli Sangathana Vibhaga
242.	Dr. Suman Sarkar	Statistic / PCK
243.	Dr. K.C Panigrahi	Rural Development
244.	Dr. Sanat Kumar Rath	Education/ Vinaya Bhavana
245.	Dr. Prohlad Roy	Education/ Vinaya Bhavana
246.	Dr. Chitralekha Maiti	Education/ Vinaya Bhavana
247.	Dr. Sarita Anand	Education/ Vinaya Bhavana
248.	Dr. Sharmila Yadav	Education/ Vinaya Bhavana
249.	Dr. Umakant Prasad	Education/ Vinaya Bhavana
250.	Smt. Soumi Mandal	Education/ Vinaya Bhavana
251.	Dr. Abhijit Thander	Physical Education /Vinaya Bhavana
252.	Dr. Sentu Mitra	Physical Education /Vinaya Bhavana
253.	Dr. Kallol Chatterjee	Physical Education /Vinaya Bhavana
254.	Dr. Lipy John L	Physical Education /Vinaya Bhavana
255.	Ms. Rekha Ningthoujam	Physical Education /Vinaya Bhavana
256.	Dr. Awashes Subba	Physical Education /Vinaya Bhavana
257.	Dr. Viswanath Sundar	Physical Education /Vinaya Bhavana
258.	Dr. Ms. Parichiti Saha	Yogic & Art/ Vinaya Bhavana
259.	Sri Rupesh Kumar	Yogic & Art/ Vinaya Bhavana
260.	Dr. Tanusree Paul	Women Studies Centre

Assistant Lecturer, Patha-Bhavana

Sl. No.	Name of Assistant Lecturer
1.	Bodhirupa Sinha
2.	Chandrani Mukherjee
3.	Sonali Chakraborty (Majumder)
4.	Tarit Roychoudhuri
5.	Nilay Ray
6.	Rakhee Sarkar
7.	Haradhan Soren
8.	Anuradha Saha
9.	Nibir Kumar Ghosh
10.	Debalina Dalal
11.	Samir Debnath
12.	Surojit Sen
13.	Amitabha Mukherjee
14.	Sarada Basu Mukhopadhyay
15.	Sreemoyee Ghosh
16.	Sangita Hembrom
17.	Suranjima Saha
18.	Alpana Dhibar
19.	Anindita Agarwala
20.	Subhrangsu Sen
21.	Tarak Nath Saha
22.	Patralekha Datta Sarkar
23.	Madhusudan Mondal
24.	Sutapa Saha
25.	Namrata Bhattacharya
26.	Jotindra Nath Roul
27.	Kumar Vikrant Basak
28.	Bulbul Konar
29.	Suchit Chakraborty
30.	Animesh Ghosh
31.	Chhatrapati Murmu
32.	Lopamudra Sen
33.	Anilbaran Mandal
34.	Kishore Bhattacharyya
35.	Silpi Mukherjee

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Sl. No.	Name of Assistant Lecturer
36.	Sarbari Dutta
37.	Chaitali Ghoshal
38.	Ruma Das Hazra
39.	Dipali Ghosh
40.	Srabani Bhattacharya
41.	Jayanta Mondal
42.	Priti C. Nartiang
43.	Biswajit Bir
44.	Priya Halder
45.	Sutapa Pramanik Majumdar
46.	Partha Pratim Roy
47.	Partha Chakravorty

Assistant Lecturer, Siksha-Satra

Sl. No	Name of Assistant Lecturer
1.	Partha Sarathi Chatterjee
2.	Sandeep Kumar Bhakat
3.	Siuli Sinha (Ghosh)
4.	Tamali Majumdar
5.	Soumen Sengupta
6.	Subrata Sinha
7.	Mitali De Sarkar
8.	Kanchan Dasgupta
9.	Debabrata Barat
10.	Vandana Hazra
11.	Ganesh Mondal
12.	Md Mozharul Hamid
13.	Dibyendu Mondal
14.	Tripti Ghosh
15.	Jayashree Maity
16.	Nibedita Saha
17.	Arup Bhattacharya
18.	Shampa Roy
19.	Sangeeta Sarkar
20.	Biswadip Das
21.	Prodip Soren

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22.	Somnath Mehena
23.	Gautam Saha
24.	Krishnendu Dey
25.	Rudra Prasad Sinha
26.	Girish Chandra Dehury
27.	Iqbal Zahangir
28.	Priya Pathak
29.	Subhrojyoti Dutta
30.	Sudipta Sen
31.	Sumanta Das
32.	Srinibash Ghosh
33.	Anjali Das (Pal)
34.	Gopinath Mandal
35.	Suman Chakraborty
36.	Rituparna Char

APPENDIX-E

Members of the Samsad (Court) from 01-04-2022 to 31-03-2023

Sl. No.	Structure of the Court	Name
(i)	The Acharya (Chancellor)	Shri Narendra Modi
(ii)	The Upacharya (Vice-Chancellor)	Prof. Bidyut Chakrabarty
(iii)	The Saha-Upacharya (Pro-Vice-Chancellor)	<i>Vacant</i>
(iv)	The Director of Studies, Educational Innovations and Rural Reconstruction	<i>Vacant</i>
(v)	The Director of Culture and Cultural Relations	<i>Vacant</i>
(vi)	The Director of Physical Education, Sports, National Service and Student Welfare	<i>Vacant</i>
(vii)	The Adhyakshas of Bhavanas	1. Adhyaksha, Bhasha Bhavana
		2. Adhyaksha, Vidya Bhavana
		3. Adhyaksha, Siksha Bhavana
		4. Adhyaksha, Kala Bhavana
		5. Adhyaksha, Sangit Bhavana
		6. Adhyaksha, Patha Bhavana
		7. Adhyaksha, Palli Siksha Bhavana
		8. Adhyaksha, Palli Samgathana Vibhaga
		9. Adhyaksha, Vinaya Bhavana
		10. Adhyaksha, Siksha-Satra
(viii)	The Granthagarika (Librarian)	Librarian, Central Library
(ix)	The Chhatra-Parichalaka (Proctor)	Proctor
(x)	The Head of the Palli-Samgathana Vibhaga;	
(xi)	The Head of the Granthana Vibhaga;	Adhyaksha, Granthana Vibhaga, Visva-Bharati, 6, A.J. Bose Road, Kolkata – 700 017

<i>Sl. No.</i>	<i>Structure of the Court</i>	<i>Name</i>
(xii)	The Heads of Departments	Bhasha Bhavana
		1. Head, Department of Bengali
		2. Head, Department of English
		3. Head, Department of Sanskrit
		4. Head, Department of Hindi
		5. Head, Department of Odia
		6. Head, Department of Arabic, Persian, Urdu & Islamic Studies
		7. Head, Department of Indo-Tibetan Studies
		8. Head, Department of Japanese
		9. Head, Department of Chinese
		10. Head, Department of Santali
		Vidya Bhavana
		1. Head, Department of Economics & Politics
		2. Head, Department of History
		3. Head, Department of A.I.H.C. & A
		4. Head, Department of Geography
		5. Head, Department of Philosophy & Religion
		6. In-Charge, Centre for Journalism and Mass Communication
		7. Head, Department of Anthropology
		Siksha Bhavana
		1. Head, Department of Physics
		2. Head, Department of Chemistry
		3. Head, Department of Mathematics
		4. Head, Department of Zoology
		5. Head, Department of Botany
		6. Head, Department of Statistics

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<i>Sl. No.</i>	<i>Structure of the Court</i>	<i>Name</i>
		7. Head, Computer & System Sciences
		8. Head, Centre of Bio-technology
		9. Head, Centre for Environmental Studies
		Kala Bhavana
		1. Head, Department of Sculpture
		2. Head, Department of Painting
		3. Head, Department of Design
		4. Head, Department of Graphic Art.
		5. Head, Department of History of Art
		Sangeet Bhavana
		1. Head, Department of Rabindra Sangit, Dance & Drama
		2. Head, Department of Classical Music
		Vinaya Bhavana
		1. Head, Department of Education
		2. Head, Department Physical Education
		Palli Siksha Bhavana
		1. Head, Department of Agronomy
		2. Head, Department of Crop Improvement Horticulture & Agril. Botany
		3. Head, Department of Plant Protection
		4. Head, Department of Agril. Extension & Deptt. of Statistics,
		Palli Samgathana Vibhaga
		1. Head, Department of Social Work
		2. Head, Palli Charcha Kendra

<i>Sl. No.</i>	<i>Structure of the Court</i>	<i>Name</i>
		3. Head, Silpa Sadana
		4. Head, Department of Lifelong Learning and Extension (REC)
(xiii)	One Adhyapaka from each of the Institutes, by rotation according to seniority;	Bhasha Bhavana
		Prof. Sabita Pradhan, Department of Odia, Bhasha-Bhavana, Visva-Bharati
		Vidya Bhavana
		Prof. V.C. Jha, Department of Geography, Vidya-Bhavana, Visva-Bharati [Upto 31.03.2023]
		Siksha Bhavana
		1. Prof. Tara Prasad Chattopadhyay Department of Physics, Siksha-Bhavana, Visva-Bharati [Upto 30-09-2022]
		2. Prof. Swapan Kr. Raha Department of Mathematics Siksha-Bhavana, Visva-Bharati [From 13-12-2022]
		Kala Bhavana
		i. Shri Debasish Mahalanobish Kala Bhavana, Visva-Bharati [Upto 10-05-2022]
		ii. Shri Sakshi Gopal Das Department of Design Kala-Bhavana, Visva-Bharati [From 13-12-2022]
		Sangit Bhavana
		Prof. Buddhadeb Das, Sangit Bhavana, Visva-Bharati [Upto 26-02-2023]
		Vinaya Bhavana
		Prof. Sumanta Kumar Mondal Vinaya Bhavana, Visva-Bharati

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<i>Sl. No.</i>	<i>Structure of the Court</i>	<i>Name</i>
		[Upto 26-02-2023]
		Palli Siksha Bhavana
		Prof. Debasis Bhattacharya Department of Agricultural Statistics, Palli Siksha Bhavana, Visva-Bharati
		Palli Samgathana Vibhaga
		i) Prof. Prasanta Ghosh Palli Samgathana Vibhaga, Visva-Bharati [Upto 10-05-2022]
		ii) Prof. Amit Hazra Department of Lifelong Learning and Extension Palli Samgathana Vibhaga, Visva-Bharati [From 13-12-2022]
		Patha Bhavana
		Shri Partha Chakraborty, Patha Bhavana, Visva-Bharati [Upto 31-03-2023]
		Siksha-Satra
		Shri Sandeep Bhakat, Siksha Satra Visva-Bharati
xiv)	five representatives of non-teaching staff by rotation according to seniority;	<ol style="list-style-type: none"> i. Shri Binoy Bhusan De Laboratory Attendant Palli Siksha Bhavana, Visva-Bharati [Upto 10-05-2022] ii. Shri Ram Kumar Roy Rabindra-Bhavana, Visva-Bharati [From 13-12-2022]
		2. Shri Biswanath Kisku, Hindi Bhavana, Visva-Bharati [Upto 28-02-2023]
		3. Shri Partha Pratim Roy, Palli Siksha Bhavana, Visva-Bharati

Sl. No.	Structure of the Court	Name
		4. Shri Bidur Bagdi Patha-Bhavana, Visva-Bharati
		5. Shri Renupada Das Laboratory Attendant Palli Siksha Bhavana, Visva-Bharati [Upto 26-02-2023]
(xv)	Two students to be nominated by the <i>Siksha-Samiti</i> (Academic Council) from amongst students who have distinguished themselves in studies, sports, extra-curricular activities and all-round development of personality or from amongst students who have won prizes during the preceeding year in the fields of studies, fine arts, sports, extension work or any other prizes at the level of Class X and above;	1. Vacant
		2. Vacant
(xvi)	Three students to be nominated by the <i>Upacharya</i> (Vice-Chancellor) on the basis of merit so as to provide representation to any section of students which in his opinion is unrepresented : Provided that in nominating students under items (xiv) and (xv), women students shall be adequately represented;	1. Nilagriba Das Department of Chemistry Siksha-Bhavana, Visva-Bharati
		2. Bratati Barat Siksha-Satra, Visva-Bharati
		3. Md Rijwanul Basir Siksha-Satra, Visva-Bharati
(xvii)	Five representative of Parliament, three to be nominated by the Speaker of the Lok Sabha from	Lok Sabha
		1. Shri Sudip Bandyopadhyay, 72/4, S.N. Banerjee Road, Kolkata – 700 014 [Upto 18-03-2023]

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Sl. No.	Structure of the Court	Name
	among its members and two to be nominated by the Chairman of the Rajya Sabha from among its members;	<p>2. Smt. Locket Chatterjee, on'ble Member of Lok Sabha, Sherwood Estate, 'E' Block, 'R'I, Narendrapur, Kolkata-700103, West Bengal [Upto18-03-2023]</p> <p>3. Shri Adhir Ranjan Chowdhury, Hon'ble Member of Lok Sabha, 9, Haribu R., Paschim, P.O.-Cossimbazar, Berhampore, Murshidabad-742102, West Bengal [Upto18-03-2023]</p> <p>Rajya Sabha</p> <p>1. Shri Vivek Thakur, C-1/19, Humayun Road, New Delhi, Permanent Address : Uma Complex, Fraser Road, Patna-800001</p> <p>2. Dr. Amar Patnaik, Plot No. 8/A, Kharvela Nagar, Station Square, Unit – III, Bhubaneswar, Odisha – 751001</p>
(xviii)	Three representatives of the Alumni Association to be elected by that Association from among its members;	<p>1. Vacant</p> <p>2. Vacant</p> <p>3. Vacant</p>
(xix)	seven persons representing learned professions and special interests including representatives of industry, labour, commerce, banking and agriculture, to be nominated by the <i>Paridarsaka</i> (Visitor);	<p>1. Vacant</p> <p>2. Vacant</p> <p>3. Vacant</p> <p>4. Vacant</p> <p>5. Vacant</p> <p>6. Vacant</p> <p>7. Vacant</p>
(xx)	one person to be nominated by the <i>Pradhana</i> (Rector);	Prof. Gopalchandra Misra 6A, Gopal Lal Tagore Road Baranagar, Kolkata – 700 036

<i>Sl. No.</i>	<i>Structure of the Court</i>	<i>Name</i>
(xxi)	one person to be nominated by the <i>Acharya</i> (Chancellor);	Vacant
(xxii)	Other members of the <i>Karma-Samiti</i> (Executive Council) not specified above.	<ol style="list-style-type: none"> 1. <i>Shri Billwadal Bhattacharyya Advocate 1, Hara Prasad Shastri Sarani, New Alipore, Block-B, Kolkata – 700 053</i> 2. Prof. Manju Mohan Mukherjee Former Adhyapaka Department of Social Work, PSV, Visva-Bharati 3. Sri Tanmoy Roy Chowdhury SRB 103B , Shipra Riviera, Indirapuram, Gyankhand 3, Ghaziabad, Uttar Pradesh 201014 4. Prof. Niaz Ahmed Khan Department of Arabic, Persian, Urdu & Islamic Studies Bhasha-Bhavana, Visva-Bharati 5. Prof. Sabita Pradhan Department of Odia BhashaBhavana, Visva-Bharati

APPENDIX-F

Members of the Karma-Samiti (Executive Council) from 01-04-2022 to 31-03-2023

<i>Sl. No.</i>	<i>Members</i>	<i>Name</i>
(i)	The Upacharya (Vice-Chancellor)	Prof. Bidyut Chakrabarty
(ii)	The Saha-Upacharya (Pro-Vice-Chancellor)	Vacant
(iii)	The Director of Studies, Educational Innovations and Rural Reconstruction	Vacant
(iv)	The Director of Culture and Cultural Relations	Vacant
(v)	The Director of Physical Education, Sports, National Service and Student Welfare	Vacant
(vi)	The Adhyaksha of the Patha-Bhavana	Smt. Bodhirupa Sinha
(vii)	Three Adhyaksha from amongst the Adhyakshas of Palli-Sangathana Vibhaga, Palli-Siksha Bhavana, Kala Bhavana, Sangeet Bhavana, Vidya Bhavana, Siksha Bhavana and Bhasha Bhavana by rotation, according to seniority, to be nominated by the Upacharya	1. Prof. Bipasha Raha Adhyaksha, Vidya-Bhavana, Visva-Bharati
		2. i) Prof. Sabita Pradhan Adhyaksha, Bhasha-Bhavana, Visva-Bharati [Upto 25-05-2022]
		ii) Prof. Pankaj Panwar Adhyaksha, Kala-Bhavana, Visva-Bharati, [From 26-05-2022 to 28-09-2022]
		iii) Prof. Sanjoy Kumar Mallik Adhyaksha, Kala-Bhavana, Visva-Bharati [From 29-09-2022]
		3. i. Prof. MadhabiRuj Adhyaksha, Sangit-Bhavana, Visva-Bharati [Upto 30-11-2022]

<i>Sl. No.</i>	<i>Members</i>	<i>Name</i>
		ii. Prof. Buddhadev Das Adhyaksha, SangitBhavana, Visva-Bharati [From 01-12-2022]
(viii)	Two <i>Adhyapakas</i> of the University, by rotation according to seniority	1. i) Dr. Rafiqul Islam Department of Life Long Learning & Extension PalliSamgathanaVibhaga, Visv a-Bharati [Upto 30-11-2022] ii) Prof. Niaz Ahmed Khan Department of Arabic, Persian, Urdu & Islamic Studies, Bhasha-Bhavana, Visva-Bharati [From 03-12-2022] 2. Prof. SabitaPradhan Department of Odia BhashaBhavana, Visva-Bharati
(ix)	Two persons to be elected by the <i>Samsad</i> (Court) from amongst its members, none of whom shall be an employee or a student of the University	Vacant
(x)	Two persons to be nominated by the <i>Paridarsaka</i> (Visitor)	1. Vacant From 20-07-2020 2. Vacant From 20-07-2020
(xi)	One person to be nominated by the <i>Pradhana</i> (Rector)	Shri Billwadal Bhattacharyya Advocate, 1, Hara Prasad Shastri Sarani, New Alipore, Block-B, Kolkata – 700 053
(xii)	One person to be nominated by the <i>Acharya</i> (Chancellor)	Vacant from 04-10-2021
(xiii)	One alumnus to be nominated by the <i>Upacharya</i> (Vice-Chancellor)	Sri Tanmoy Roy Chowdhury SRB 103B , Shipra Riviera, Indirapuram, Gyankhand 3, Ghaziabad Uttar Pradesh 201014

Appendix

<i>Sl. No.</i>	<i>Members</i>	<i>Name</i>
(xiv)	One <i>ex-Adhyapaka</i> (with at least five years service as Professor) of Visva-Bharati to be nominated by the <i>Upacharya</i> (Vice- Chancellor)	Prof. Manju Mohan Mukherjee Former Adhyapaka, Department of Social Work, PSV, Visva-Bharati

APPENDIX-G**Newly appointed Faculty from 01.04.2022 to 31.03.2023**

Sl. No.	Name of the person appointed	Department / Bhavana	Date of Joining
ASSOCIATE PROFESSOR			
1.	Dr. Amit Chatterjee	Geography / Vidya Bhavana	18.10.2022
ASSISTANT PROFESSOR			
1.	Dr. Sushil Kumar Sahu	Zoology/ Siksha Bhavana	06.06.2022
2.	Sri Bidyut Patar	History/ Vidya Bhavana	06.06.2022
3.	Sri Subrata Garain	Agril Economics / PSB	19.07.2022
4.	Dr. Soumya Sasmal	Bio-Technology/ Siksha Bhavana	28.07.2022
5.	Smt. Debasree Pal	Economics & Politics (Political Science)/ Vidya Bhavana	28.09.2022
6.	Dr. Raghunath Pal	Geography / Vidya Bhavana	28.09.2022
7.	Dr. Suken Shah	AIHC & A/ Vidya Bhavana	29.09.2022
8.	Dr. Rohit Kumar	Physisc / Siksha Bhavana	29.09.2022
9.	Dr. Viswanath Sundar	Physical Education / Vinaya Bhavana	30.09.2022
10.	Dr. Usham Rojio Singh	English / Bhasha Bhavana	27.12.2022
11.	Dr. Subhrangshu Mandal	Botany / Siksha Bhavana	30.12.2022
12.	Sri Firdous Barbhuiya	Social Work / PSV	23.01.2023

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6. Prof. Amit Hazra, Professor, Deptt. of L.L.L & Extension, REC, PSV
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22. Shri Rishi Barua, Deptt. of Sculpture, Kala-Bhavana
23. Dr. Paramita Roy, Deptt. of Social Work, PSV
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25. Dr. Sentu Mitra, Deptt. of Physical Education & Sport Science, Vinaya-Bhavana
26. Dr. Rupesh Kumar, Deptt. of Yogic Art & Science, Vinaya-Bhavana
27. Dr. Darshan N.P., Deptt. of Ag. Extension, PSB
28. Dr. Sankar Roy Maulik, Deptt of Silpa-Sadan, PSV
29. Dr. Amit Verma, Sangit Bhavana
30. Dr. Monaj Kumar Sharma, Sangit Bhavana

Appendix

31. Dr. K.M. Rajan, Deptt. of AIHC & Archaeology, Vidya-Bhavana
32. Dr. Koushik Ghosh, Central Library
33. Shri Gopal Kumar, Rajbhasha Cell
34. Shri Partha Pratim Roy, Patha-Bhavana
35. Sri Rajesh Shaw, Rajbhasha Cell
36. Shri Birendra Kumar, Rajbhasha Cell
37. Shri Uttam Das, PM Hospital
38. Shri Ajitesh Paul, Engineering Section
39. Shri Priyabrata Roy, Rabindra Bhavana
40. Shri Maloy Sutradhar, Assistant Registrar – Secretary

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