

Curriculum Vitae

- 1. Name:** DR. VIBHASH CHANDRA JHA
- 2. Date of Birth:** March 7th, 1958
- 3. Nationality:** Indian
- 4. Father's Name:** Sri Shiva NandanJha
- 5. Present Position:** **Professor of Geography**
& Vidya-Bhavana
Address (Institute of Humanities & Social Sciences)
 Department of Geography
 VISVA-BHARATI
 (A CENTRAL UNIVERSITY)
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- 6. Residential Address:** Professor V. C. Jha
 22/23, Ratanpalli,
 Santiniketan-731235,
 West Bengal, INDIA
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- 7. Permanent Address:** Professor V. C. Jha
 N-6/2Z-13, INDIRA NAGAR
 P.O. Sundarpur (BHU)
 VARANASI-221005 (U.P.)
- 8. Specialization:** Geomorphology (Pure, Climatic, Applied & Environmental),
 Urban Geomorphology, Terrain Evaluation, Regional
 Geography, Remote Sensing and Geospatial Technology.
- 9. Fellowships:** * Bhabha Atomic Research Center (Department of Atomic
 Energy) Research Fellowship in Geology in 1981
 * U G C Research Fellowship in Geography in 1979.
- 10. Award:** ***Runner-up Award** in the International Photogeomorphological contest during
 Third Geomorphology Conference at Mc Master University,
 Hamilton, CANADA, 1993.

11. Academic Qualifications:

- **B.Sc.** with Geology, Geography & Chemistry from B.H.U., Varanasi in 1976.
- **M. Sc.** in Geography (**First Class First**) from B.H.U., Varanasi in 1978.
- **Ph.D.** in Geomorphology from B.H.U., Varanasi in 1983
(Topic: Himalayan Ramganga Basin: A Geomorphic Study)
- **P-1** Course in Remote Sensing from IIRS (NRSA), Dehradun in 1984.
- **HUSAC M1** in Remote Sensing from IIRS (NRSA), Dehradun in 1985.
- **URW** Course in Remote Sensing from IIRS (NRSA), Dehradun in 1995

12. Academic Bodies/ Memberships:

- **Member of the Editorial Board of NCU KK International Journal** “Journal of Buddhist Education and Research or JBER, Thailand 2017
- **Member of the Organising Committee of MCU KK International Conferences,** Thailand 2017
- **Principal,** Vidya-Bhavana, Visva-Bharati during 9th July 2015- 8th July 2017
- **Doctoral Committee Member** in Geography, IGNOU, New Delhi, 2014
- **Course Design Committee in Digital Cartography, IGNOU, New Delhi, 2015**
- **Research Board Member in Geography and Remote Sensing, Vidyasagar University**
- **Research Board Member in Geography of Pt. Ravi Shankar Visva-Vidyalaya, Raipur**
- Member of the Executive Body of the National Natural Resources Management, ISRO, Government of India
- **Member of the Government of India, National Delegation of the Ministry of Science & Technology to Thailand December, 2013**
- **Member of the Government of India, National Delegation of the Ministry of Science & Technology to Thailand Feb. 2013**
- **Coordinator for the Project Team from India Side on INDIA-ASEAN Archaeological Atlas from Satellite Data-“Connectivity of Regional Culture” A Joint Venture between India and Thailand aiming at strengthening Bilateral relations between the ASEAN nations in the field of Science & Technology.**
- **Member of the Steering Committee of Indian Society of Geomatics,** National Symposium at Andhra University, Visakhapatnam December 2013
- **Member of the State Level Committee on State Spatial Data Infrastructure, Government of West Bengal, 2013**
- **Member of the Editorial Board,** Anthropocene Journal, Editorial Board, Elsevier Publication during 2010-2014
- **Member of Executive Body** of the National Spatial Data Infrastructure (NSDI) Government of India.
- **Member of the Executive Body** of the Natural Disaster Management Authority (NDMA) Government of India.
- **Member of the Executive Body** of the Bureau of Indian Standards, Government of India

- **President**, Indian Society of Remote Sensing (Kolkata Chapter) 2012-14
- **President**, Indian National Cartographic Association (INCA) (2015-16)
- **Vice-President**, Indian National Cartographic Association (INCA) (2011-12,2012-13,2013-14 and 2014-2015),
- **Member of the Academic Council**, U.P.College, MGKV University, Varanasi (2012-14)
- **Vice-President**; Board of Trustee; Indian Geographical Foundation (IGF), Kolkata
- **Member** of the Governing Council of the Institute of Indian Geographers(IIG) 2010-2013
- **Member** of the EC of the Indian Institute of Geomorphologists(IGI)-2010-2012
- **President** of the Indian Institute of Geomorphologists (IGI) 2008-2009
- **Full Member** of the International Geographical Union (IGU) Commission on Land Degradation & Desertification (WEBSITE:<www.comland-commission.com>) (1997-2003) and Steering Committee Member of the IGU Commission on Land Degradation(2004).
- **Member** of the Executive Committee of International Association of Geomorphologists –IAG (2001 – 2005) (WEBSITE :<www.geomorph.org>)
- **Joint Secretary** of the Executive Council of the Indian Institute of Geomorphologists (IGI) (1996-98) & Vice-President of IGI (2004-2006) and Member 2006-2007.
- **Nominated** as Representative of Indian Institute of Geomorphologists (IGI) for International Association of Geomorphologists (IAG) and International Geographical Union (IGU) Activities(1997-2003).
- **Member** of the Executive Council of the Deccan Geographical Society (DGS),Pune
- **Member** of the International Association of Geomorphologists (IAG), UK.
- **Life Member** of 14 Geographical Societies.
- **Life Member** of Indian Society of Remote Sensing.
- **National Delegate** at the Fourth International Geomorphology Conference(IGC) in 1997 at Bologna, Italy and at the Fifth IGC in 2001 at Tokyo, Japan respectively.
- Subscription Member of ITC (Netherlands), Natural Resources & Development (Germany) & Earth Observation Quarterly.
- **Member** of the P .G. Board of Studies in Geography of Arunachal University, SambalpurUniversity, BurdwanUniversity and U. G. Board of Studies in Geography of Tripura University and Institute Board Member of NEHU, Shillong, BHU, Varanasi and KalyaniUniversity
- **Vice-President** of the Institute of Indian Geographers (IIG) (2001-2004) and Secretary of Governing Council of IIG (2004-2007)

13. Conference/Seminar/Organisation:

- **Local Secretary**-Eighth Conference of the Indian Institute of Geomorphologists (IGI) in 1996.
- **Local Secretary**- National Seminar on Geomorphology and Remote Sensing in 1996
- **Co-president** at the 20th I S S C in 1996.
- **Convener**-Special Seminar on Cartography (INCA) in 1998.
- **Joint Convener &Organising Secretary**-XXIInd Conference of IIG, 2001.
- **Joint Convener &Organising Secretary**-IGU COMLAND Meeting, 2001.

- **Director**-HLC Recommended Students' Seminar-2007 and 2008
- **Convener**-IGF National Seminar on Emerging Issues in Geography-2010
- **Convener, 36th INCA INTERNATIONAL CONGRESS: CARTOGRAPHY FOR ANALYSIS AND MANAGEMENT OF CLIMATE CHANGE, 9-11 November 2016**

14. Teaching Experience:

- Total Teaching Experience: 37+Years (UG & PG Levels)
- Subjects: Geomorphology, Climatic Geomorphology, Terrain Evaluation, Applied Geomorphology, Landscape Ecology, Geo-informatics, Remote Sensing, Settlement Geography & Regional Geography

15. Research Experience: Total Research Experience: 37+ Years

16. Research Guiding Experience:

[A] Ph.D. Scholars:

S N	Title of Ph.D. Thesis	Name of the Candidates	Year of Award	Placements
1.	Darjeeling District: A Study in Geomorphology & Environmental Management	Dr .P. T. Namgyal (UGC-NET Fellow)	1991	Regional Manager BANK
2.	Deoghar Upland: A Study in Landforms & Landuse	Dr. P. B. Hazra (ICSSR Fellow)	1991	District Science Adviser, WB
3.	Gangotri-Kedarnath-Badrinath Area: A Study in Glacial Geomorphology	Dr. (Smt.) B. Mukherjee	1994	Lecturer & School Teacher
4.	Dumka Upland: A Study in Landform & Settlement	Dr. (Miss) S. Kapat (ICSSR Fellow)	1994	Research Associate
5.	Ground Water Resources of Godda District Using Remote Sensing Techniques	Dr. D. J. Pal	1997	Scientist in ROLTA
6.	Geomorphic Evolution of Eastern Nayer Basin, Garhwal Himalaya	Dr. U. K. Mandal	1997	Geographer Census Operation
7.	Jharia Mining Area: A Study in Environmental Geomorphology	Dr. M. Chakraborty	1999	Consultancy under TIFR
8.	Space-Time Study of the Seismic Patterns in Assam Himalaya	Dr. P. K. Pal (GATE Fellow)	1999	DST PI
9.	24 Parganas District A Study in Coastal Geomorphology	Dr. B. Sarkar (Research Officer)	2001	Research Officer, NATMO
10.	Dwarkeshwar Basin: A Study in Applied Geomorphology	Dr. K. Gupta	2002	Assistant Professor Visva-Bharati
11.	Sanjai River Basin: A Study in Environmental Geomorphology	Dr (Smt.) S. Saha Research Officer,	2006	Scientific Officer NATMO
12.	Characteristics of Floods and Flood Plains in Murshidabad District : Related Problems and Sustainable Development	Dr H.P. Baraigya	2010	Teaching
13.	Kalyani River Basin: A Study in Engineering Geomorphology	Dr Sucheta Mukherjee	2011	Assistant Professor
14.	Ecogeomorphological Assessment of Birbhum District West Bengal and its integrated management	Dr Praloy Monadal	2013	Assistant Professor
15.	Environmental Degradation in Jharia Mining Area	Dr. Bidisha Bhattacharjee	2016	Teaching
16.	Palaeogeomorphic Features and	Druheen Chakraborty	2016	Teaching

	Associated Landuse categories: A Case Study of Lower Ajay Basin		Seminar held	
17.	Growth of Towns in Dakshin Dinajpur District in West Bengal: A Geographical Analysis	Beauty Das	2016	Assistant Professor
18	Geomorphological Study of Domes and Tors in DUMKA UPLAND, Jharkhand	Sayan Choudhary	2017	Research Fellow
19.	Periglacial Geomorphological Study of Kail Ganga River Basin, Garhwal Himalaya, India	Somit Mandal	2018	Teaching
20.	Himalayan Upper Pindar River Basin: A Study in Landform and Settlement	Senjuti Nandy	2018	Research
21.	Ecotourism and Sustainable Development in Kullu District, Himachal Pradesh : A Geographical Analysis	Nemai Sahini	2018	Teaching
22.	Geomorphic Characteristics of Regolith and its Impact on Regional Development : A Case Study of Dubrajpur Block, Birbhum District, West Bengal	Somnath Sarkar	Working NETRG JRF	Research
23.	Geomorphic Characteristics and their Impact on Land Use Pattern in Brahmini River Basin, Jharkhand and West Bengal	Rupen Mal	Working UGC NET	JGA, NATMO
24	A Study on Landform and Settlement of Chamoli District, Uttarakhan	Gopi Nath Patra	Working UGC NET	Teaching
25	A Study on Landform and Settlement of Riboh District, Meghalaya	Sukal Mardi	Working UGC NET	Teaching

**** Research Scholars are from Geography, Geology, Geophysics & Botany**

[B] Post-Doctoral – Research Associate:

S.N.	Title of PDF Work	Name of the Candidate	Research Scheme
1.	Geomorphic Processes, Climatic Controls Human Activities: A Case Study	Dr. S. Kapat	UGC Research Associateship Scheme

17. Research Interests:

- Large Scale Mapping and Geospatial Technology
- Climatic Geomorphology & Process Geomorphology
- Spatio-Temporal Analysis and Assessment of Geomorphological Hazards(e.g. Soil Erosion, Rill Erosion, Gully Erosion, Landslides, Earthquakes, Floods, Drought, etc.) Using Remote Sensing & GIS
- Application of Remote Sensing and GIS in Terrain Evaluation (Terrain Stability Mapping)
- Morphometric Analysis of Drainage Basins in relation to Erosion Survey.
- Environmental Impact Assessment (Mining Area, Lateritic Terrain, and Glacial Region)
- Land Degradation & Desertification in Tropical Lands
- Engineering Geomorphology
- Urban & Regional Geography
- Cultural Geography and Geography of Buddhism
- Landscape Ecology

18. Work Experience on Computer:

- Geospatial Techniques and Digital Cartography
- Vectorization of Raster Data, Editing, Data Management and Compilation using USEMAP & ILWIS.
- Data Input, Editing, Data Management and Compilation of Map using MapInfo.
- Engineering Geomorphological Mapping using Remote Sensing, Field and Laboratory Techniques.
- Familiar with Arc View, Arc/Info for Sun Unix System, Pine etc. TNT, Map Info

19. (A) Completed 16 Research Projects, Sponsored by Visva-Bharati University Partial Research Grants during 1987-2005

(B) Completed Major DST, W.B. R & D PROJECT : (2006-2008)

Project on “Land Degradation, Desertification and Integrated Management of Lateritic Surfaces in Birbhum district, West Bengal Using Field and Remote Sensing Techniques” Funded By Department of Science and Technology, Government of West Bengal, Kolkata, India for two years.

(C) On going R/D Project as CO-PI:

Project on “ Distribution and Conservation Strategy of an Endangered Ornamental Fish Species Chaca Chaca (Ham-Buch) in Arunachal Pradesh” Funded By Ministry of Environment and Forest, Government of India, New Delhi for Three Years , Rs. 16,73,750.00 (Work Place J.N.College Pasighat, Arunachal Pradesh).

20. Previous & Present Employment:

- **Finance Office, Visva-Bharati (A Central University), Santiniketan w. e. f. 22nd December 2018**
- **Principal, Vidya-Bhavana (DEAN, Institute of Humanities & Social Sciences) Department of Geography VISVA-BHARATI (A CENTRAL UNIVERSITY), Santiniketan w.e.f 8th July 2015**
- **Director (ACC-recommended recruitment), National Atlas & Thematic Mapping Organisation (NATMO), Government of India, Department of Science and Technology, Ministry of Science & Technology, (On Deputation), CGO Complex, DF Block, Salt Lake, Sector-I, Kolkata-700064 (9th April, 2012- 8th July 2015)**
- **Professor of Geography, Department of Geography, Visva-Bharati University, Santiniketan since December 1997 (Completed 20 years as Professor)**
- **Registrar, Visva-Bharati (A Central University), Santiniketan , August -September 2007**
- **Guest Lecturer, Department of Environmental Sciences, University of Burdwan, Burdwan 2003-2004**
- **Reader in Geography, Department of Geography, Visva-Bharati University, Santiniketan (December 1989 to November 1997).**
- **Co-ordinator, Remote Sensing Unit, Visva-Bharati University, Santiniketan since July 1987.**

- **Senior Research Officer**, Remote Sensing Unit, Department of Applied Geophysics, Indian School of Mines, Dhanbad (Selected in 1988).
- **Lecturer in Geography**, Department of Geography, Visva-Bharati University, Santiniketan (July 1986 to November 1989).
- **Scientist/Engineer SD (Geographer)**, National Remote Sensing Agency (NRSA), Hyderabad posted at the Indian Institute of Remote Sensing (IIRS), Dehradun (July 1984 to April 1985).
- **Assistant Professor in Earth Sciences**, Manipur University, Imphal (Selected in 1986).
- **Lecturer in Geography**, U. P. Higher Education, Allahabad (Selected in 1986).

21. Administrative Experience:

- **Member** of the Standing Audit Committee, Visva-Bharati, Santiniketan, 2018
- **Member** of the Central Admission Committee, Visva-Bharati, 2018-2021
- **Chairman**, Cadre Review Committee, Visva-Bharati, 2018
- **Chairman**, Standing Committee for Adjudication of theses to Ph.D., Visva-Bharati, 2018
- **Chairman**, Committee for Monitoring of Provident Fund and Other investments, Visva-Bharati, 2018
- **Principal**, Vidya-Bhavana (DEAN, Faculty of Humanities & Social Sciences), Visva-Bharati, Santiniketan for TWO YEARS w.e.f. 9th July 2015
- **Director**, (ACC-recommended recruitment), **National Atlas & Thematic Mapping Organisation**, Government of India, Department of Science and Technology, Ministry of Science & Technology, CGO Complex, 7th Floor, DF Block, Sector-I, Salt Lake, KOLKATA-64 (9th April 2012 to 8th July 2015)
- **Member**, Planning Committee, 12th, Five Year Plan (FYP), Visva-Bharati (A Central University) Santiniketan 2012-2017
- **Professor-in-charge Planning and Development**, Visva-Bharati (A Central University), Santiniketan
- **Head**, Department of Geography, Visva-Bharati University, Santiniketan December 20th, 2007–January 11th, 2011 (**2nd TERM**)
- **Registrar**, Visva-Bharati (A Central University), Santiniketan, August-September, 2007
- **Chairman**, Visva-Bharati (A Central University) XIth Plan TASK FORCE, 2007
- **Convener**, High Level Committee (appointed by The Paridarsaka (Hon'ble President of India & Visitor of Visva-Bharati University) Implementation Plan; 2007
- **Member** Vidya-Bhavana, Development Committee, 2007-2009
- **Member** of Committee for Campus Networking in the University (September 2005-August 2007)
- **Member** of U G C Infonet Coordination Committee (September 2005-August 2007)
- **Principal** (in charge), Vidya-Bhavana (Dean, Institute of Humanities and Social Sciences), July, 2006
- **Convener**, Establishment of Center for Earth System Sciences Committee
- **Head**, Department of Geography, Visva-Bharati University, Santiniketan during 05.04.1997 to 04.04.2000 (**1st TERM**)
- **Warden**, Purabapalli Senior Boys' Hostel, Visva-Bharati University (1989-1994)

- **Coordinator**, Remote Sensing Unit, Visva-Bharati University, Santiniketan since 1987
- **Member** of various administrative committees at the Visva-Bharati University
- **Member** of the Various Selection Committees and Examinations Boards of several Universities from time to time in W.B.,B.H.U., U.P., Haryana, Maharastra, Meghalaya, M. P.,Chhatisgarh, A. P., Assam, Arunachal Pradesh, Nagaland , Bihar, Jharkhand, Rajasthan, Gujarat, Orissa, Tamil Nadu & Pondicherry
- Evaluated Ph.D. Thesis in Geomorphology of the KenyattaUniversity, KENYA, 2005
- UGC Expert for evaluation of Major Research Project

22.Resource Person at various Refresher Courses/Workshop/Seminar in Geography, Environmental Sciences, Regional Studies, Social Sciences , Earth Sciences and Ancient History, Disasters Management and D S T Programmes

23.Conferences/ Seminars/Workshops attended:

[A] International:

- The 8th International Buddhist Research Seminar and 2nd International Conference on Buddhasa Studies, Bangkok, Thailand, 24-25 May 2017,
- The 4th National Conference and the 2nd International Conference, organized by the AcademicAffairs of Mahachulalongkornrajavidyalaya University, the 30th -31st of March, 2017, KhonKaen Campus (MCU KK), Thailand
- The 3rd National Conference and the 1st International Conference, organized by the AcademicAffairs of Mahachulalongkornrajavidyalaya University, the 28th of March, 2016, KhonKaen Campus (MCU KK), Thailand
- 7th International Buddhist Research Seminar-Cultural Geography in Buddhism, 18-20 February 2016, M C University and B R I Nan , Thailand
- Workshop on Building Partnerships between U.S. and Indian Higher Education Institutions New Delhi Dates: February 7-8, 2009
- INDOPOL 2006 : Indo-Polish Joint Seminar on Environmental Changes and Geomorphic Hazards, Organised by NEHU, Shillong, India and The Association of Polish Geomorphologists, Warsawa, Poland
- Delivered a Lecture/Seminar on Himalayan Geomorphology at the Department of Earth Sciences, University of Modena, Modena, ITALY, 14th April,2003
- Attended Executive Committee Meeting of the International Association of Geomorphologists(IAG) at the Modena University, ITALY, April 10-15, 2003
- 5th International Conference on Geomorphology at Tokyo, JAPAN, 2001.
- 4th International Conference on Geomorphology at Bologna, ITALY, 1997.
- ICTP/UN Conference on Optical Physics in Space Science and Technology, Trieste, ITALY, 1995.
- Workshop on Optical Methods for Environmental Monitoring, ICTP, Trieste, ITALY, 1995.
- 3rd International Geomorphology Conference at McMasterUniversity, Hamilton, CANADA, 1993.
- COMTAG Nairobi 1991 at Nairobi, KENYA, 1991.
- 2nd International Conference on Geomorphology at Frankfurt, GERMANY, 1989.

- 14th World Conference (ICA) at Budapest, HUNGARY, 1989

[B] National : 72 International Congress, Seminars/ Conference/Workshops attended in India.

24. Financial Assistances from following Organisations for attending International Conferences in abroad:

- The 4th National Conference and the 2nd International Conference, organized by the Academic Affairs of Mahachulalongkornrajavidyalaya University, the 30th -31st of March, 2017, KhonKaen Campus (MCU KK), Thailand
- The 3rd National Conference and the 1st International Conference, Academic Affairs of Mahachulalongkornrajavidyalaya University, the 28th of March, 2016, KhonKaen, Thailand
- 7th International Seminar on Cultural Geography in Buddhism 18-20, Feb. 2016
- Government of India , DST, Delegation to Thailand Grants, New Delhi (Three times)
- Fulbright, USIEF, New Delhi
- International Geographical Union (IGU), Germany.
- Department of Science and Technology, New Delhi.
- Council of Scientific and Industrial Research (CSIR), New Delhi.
- Indian National Science Academy, New Delhi.
- International Center for Theoretical Physics (I C T P), Italy.
- United Nations Office for Outer Space Affairs, Viena, Austria.
- University of Trieste, Italy.
- United Nations Environmental Programme, UNESCO.
- The Rockefeller Foundation.
- Swedish International Development Agency.
- International Association of Geomorphologists (IAG)
- Visva-Bharati University, Santiniketan, India.

25. Publications:

[A] Books:

- Himalayan Geomorphology, Rawat Publications, Jaipur & New Delhi, 1996, p.224.
- Geomorphology & Remote Sensing, ACB Publications, Calcutta, 2000 p.413.
- Land Degradation and Desertification, Rawat Publications, Jaipur & New Delhi, 2003, p.405
 - Cartography and Climate Change, INDIAN CARTOGRAPHER, Vplume 36, Part-I, 2016, p.458,
 - Cartography and Climate Change, INDIAN CARTOGRAPHER, Vplume 36, Part-II, 2016 , p.472

[B] Research Papers: Total Number-133

(In International & Refereed Journals-42; Edited Volumes 41; Abstracts, Short Papers & Others-50)

[C] Technical Report:

Land Degradation, Desertification and Integrated Management of Lateritic Surfaces in Birbhum district, West Bengal Using Field and Remote Sensing Techniques; Department of Science and Technology, Government of West Bengal, Kolkata, India p.98.

[D] NATMO, Ministry of Science & Technology, Government of India Publications : International Atlas (India and ASEAN Countries), Atlas-6, GMS-42 Maps & DPMS-65 Maps during April 2012-July 2015

[E] Advisory Editor:

Recent Development of Disaster Management : An Indian Perspective ; Progressive Publishers, Kolkata;2007,p.272

[F]PRESIDENTIAL ADDRESS:

(i) Geomorphology and Environmental Management in India :A VISION BEYOND, XXXIInd I G I Conference, October 29th, 2009, Allahabad,p.11

(ii) Cartography for Analysis and Management of Climate Change, 36th INCA, International Congress, Visva-Bharati University, Santiniketan, November 9th, 2016

[G] PROFESSOR S.P.CHATTERJEE ENDOWMENT LECTURE:

Geomorphology and Thematic Mapping in the Twentyfirst Century; 32nd Conference of Indian National Cartographic Association (INCA) October, 11-13, 2012 at National Hydrographic Office (NHO), Dehradun

[H] TODARMAL ENDOWMENT LECTURE

The Role of Maps in Building A Stronger Nation; 37th INCA International Congress, November 1st, 2017 at National Hydrographic Office (NHO), Dehradun

[I] Keynote Addresses atFoundation ofPracticising Geographers onNew Dimensions in Thematic Mapping delivered at the inauguration session of Two Day National Seminar onRecent Trends inGeographical Research on 30th March 2013 at Kolkata and at B G College, Kolkata Feb.21,2014

[J] Special Lectures on (1) Remote Sensing: Principles and Applications, (2) GIS in National Development Perspectives and (3) Geomorphology in 21st Century, under Education Quality Programme PG Department of Geography, Ranchi University, Ranchi during 9-12 May, 2014

26. Country Visited: Italy, Vatican City, Hungary, Austria, Germany, Kenya, Canada, USA , Japan, Franceand Thailand

27. Website URL:

http://www.visva-bharati.ac.in/Faculty/faculties/vidya_bhavana/geography/vibhash-chandra-jha.htm

28. Editorial Board Member of the International Journal *Anthropocene*
ELSEVIER PUBLICATIONS (2009-2015)

29. REVIEWER of the following Books and Journals

- **John Wiley & Sons Ltd.**
- **GIS for Environmental and Water Resources Science and Engineering: Theory and Applications**
- **Scientific Research Publishing**
- **Journal of Geographic Information System (JGIS) Peer-Reviewed Journal**
- **Elsevier Publications**
- **Journal of Geomorphology Peer-Reviewed Journal**
- **African Journal of Agricultural Research**
 - www.academicjournals.org/www.academicjournals.org/ajarjar
- **Ethiopian Journal of Environmental Studies and Management, Bahir Dar University, Ethiopia,**
- **Anthropocene Journal** Elsevier Publication

30. Jury Member for selecting participants for the National Level Debate Competition organized by Indian Association of Parliamentarians on Population and Development (IAPPD) in New Delhi 11 November 2011 and on 23 September 2011 at the DSW, Visva-Bharati, Santiniketan

31. LIST OF PUBLICATIONS

RESEARCH PAPERS:

- * PROCEEDINGS
 - ** EDITED VOLUMES
 - *** REFEREED JOURNALS
 - **** OTHERS
1. *A Geonomic Study of the Village Dumaria, S. P., Bihar; *Proc. Eco-environs*, **REWA**, 1980, p.50.
 2. *Social Morphology of Santhals: A Case Study of Siktia Village, S.P., Bihar; *Proc. Eco-environs*, **REWA**, 1980, p.50.
 3. *Drainage characteristics of Mandal Basin, UP Himalayas; *Proc 68th ISCA*, **VARANASI**, 1981, p. 31.
 4. *Role of Water in Agriculture: A Case Study of Godda Sub- Division, S.P, Bihar; *Proc. 68th ISCA*, **VARANASI**, p.27.
 5. *Impact of Geologic and Tectonic Background in the Development of River Basins: A Case Study of Mandal Basin, UP Himalayas; *Proc. 2nd NAGI*, **TIRUPATI**, 1981, p.27.

6. *Micro-morphometric Study of the Binau River Basin, U. P. Himalayas; *Proc. 2nd NAGI, TIRUPATI*, 1981, p.4.
7. *Morphometric Analysis of the Sample Basins of the U. P. Himalayas; *Proc. 4th NAGI, BOMBAY*, p.180.
8. *Drainage Analysis during the last 25 Years in India: A Geomorphological Approach; *Proc. AHI, WALTAIR*, 1982, p.42.
9. ***Dumaria: A Case Study in Micro-level Planning (jointly with Prof. N. K. P. Sinha, BHU); *Rural Development REVIEW, CARDS, COIMBATORE*, 1983, Vol.3, pp. 23-35.
10. ***Morphometric Analysis of Gagas River Basin, Kumaon Himalayas, (jointly with Prof. N. K. P. Sinha, BHU); *Indian Geographical Studies, Res. Bull. Nov. 21, PATNA*, 1983, pp.1-12.
11. ***Some Important Impediments of Rural Area Development in India, (jointly with Prof. N. K. P. Sinha, BHU); *Rural Integration VARANASI*, 1983, Vol.2, No 4, pp.15-23.
12. *Impact of Transformation on Agriculture: A Case Study of Dumaria Village, District Godda (jointly with Prof. N. K. P. Sinha, BHU); *Proc. NSRADS, VARANASI*, 1984, p.10.
13. *Application of Remote Sensing Techniques to Geographical Studies, (jointly with Prof. N. K. P. Sinha, BHU); *Proc. 7th NAGI, VARANASI*, 1985, p-39.
14. *Use of Aerial Photo-Interpretation Techniques in Drainage Analysis: A Case Study of Mandal Basin, Garhwal Himalayas (jointly with Prof. N. K. P. Sinha, BHU); *Proc. 7th IIG, POONA*, 1986, p.10.
15. ***Wasteland Types and their Effective Utilization in Birbhum District; *The Deccan Geographer, SECUNDRABAD*, 1987, Vol.XXV, No.2&3, pp.231-242.
16. ***Impact of Industrialization on Regional Development: A Case Study of Manduadih Industrial Complex; *Rural Development REVIEW, CARDS, COIMBATORE*, 1987, Vol.6, No.3&4, pp.599-604.
17. *Identification of Rural Settlement Patterns in the Khoh River Basin, U. P. Himalayas using Remote Sensing Techniques; *Mapping of Settlements, NATMO 7, CALCUTTA*, 1987, pp.180-181.
18. *Evolution of Landforms in the Laterites of Birbhum District, West Bengal (jointly with Prof. N. K. P. Sinha, BHU); *Proc. 8th IIG, BOMBAY*, 1987, p.5.
19. ****Application of Remote Sensing Techniques to Geographical Studies, Department of Geography, SRC-1987, *Visva-Bharati, SANTINIKETAN*, 1987.
20. *Photo-Geomorphological Mapping of Dhikala Area, Garhwal Himalayas (jointly with Prof. N. K. P. Sinha, BHU); *Proc. 9th IIG, VARANASI*, 1988, p.79.
21. *Identification of Wasteland Types and Planning for their effective Utilization: A Case Study; *proc. Indo-British Workshop on Remote Sensing of Environment in Mining Field, ISM, DHANBAD*, 1988, p.26-27.
22. ****Application of Aerial Remote Sensing Techniques to Geomorphological Mapping: A Case Study, *Thoughts, Visva-Bharati, SANTINIKETAN*, Vol. 3, 1988, pp.1-4.
23. ***Role of Women in Agriculture. A Case Study of Godda District; *Geographical Perspective. PATNA*, Vol.3, No.2, 1989, pp. 9-14.
24. *Application of Aerial Remote Sensing Techniques to Geomorphological Mapping; *Proc. 14th ICA World Conference, BUDAPEST, HUNGARY*, 1989, p.237-38.
25. *Terrain Analysis and Classification of Deoghar Upland Using Remote Sensing and Field Techniques, (jointly with Dr. P. B. Hazra, Calcutta); *NATMO- 10, CALCUTTA*, 1990, p.38-39.
26. *Laterite and Landscape Development in Tropical Lands: A Case Study, (jointly with Dr. H. Prasad, Kenya & Dr. P. B. Hazra, Calcutta); *Proc. IGU, COMTAG, Nairobi 91. KENYA*, 1991, p.12.
27. **Geomorphic Evolution of the Ramganga Basin; *Himalayan Environment - Man and Economic Activities, Ed. J. L. Raina, Pointer Publ., JAIPUR*, 1992, pp.29-39.

28. **Geomorphological Hazards and their Impact on Development: A Case Study of the Birbhum District, W.B., India Using Remote Sensing and Field Techniques; *Applied Geomorphology in the Tropics*, Ed. P.R.Sharma, Rishi Publ., **VARANASI**, 1992, pp.158-174.
29. ***Use of Aerial Photo-Interpretation Techniques in Drainage Analysis; *Hill Geographer*, **SHILLONG**, Vol.VIII, 1989-90, No.1&2, pp.9-15.
30. ***Geomorphic Evolution of Terraces and Flood - Plains in the Himalayan Ramganga Basin; *The Geographical Memoir*, **NBU, DARJEELING**, Vol.4, No.2, 1992, pp.11-20.
31. ***Morphometric Analysis of the Himalayan Khoh River Basin, (jointly with Dr. P.B Hazra, Calcutta) *Geographical perspective*, **PATNA**, Vol.6, No.1,2, 1992, pp.6-15.
32. *Gully Erosion and its Role in Environmental Degradation (A Case Study); *Proc. International symposium on Time. Frequency and Dating in Geomorphology*, *Slovak Academy of Sciences*, **BRATISLAVA**, 1992, p.24.
33. *Identification of River Terraces and their Geomorphic Evolution of Himalayan Ramganga Basin, (jointly with Prof. N. K. P. Sinha, BHU, & Dr. P. B. Hazra, Calcutta); *Proc. 4th IGI*, **SHILLONG**, 1992, p.34.
34. *Landuse/Landcover Types and their Correlation with Terrain units in the Deoghar Upland, Using Remote Sensing and Field Techniques (jointly with Dr. P. B. Hazra, Calcutta); *Proc. 4th IGI*, **SHILLONG**, 1992, p.55.
35. ***Landuse / Landcover Analysis of Deoghar Upland using Remote Sensing Techniques (jointly with Dr. P. B. Hazra, Calcutta); *The Deccan Geographer*, **POONA**, Vol.XXXI, No.1, 1993, pp.17-36.
36. *Morphometric Analysis of the Eastern Nayar Basin, Garhwal Himalayas, (jointly with Dr. U. K. Mondal, Calcutta); *Proc. 5th IGI*, **CALCUTTA**, 1993, p.28.
37. *Morphological Analysis of Residual Hills: A Case Study, (jointly with Dr. P. B. Hazra, Calcutta); *Proc. International Geomorphology*, *McMaster University*, **HAMILTON, CANADA**, 1993, p.154.
38. *Geomorphological Hazards and their Impact on Regional Development: A Case Study; *Proc. International Geomorphology*, *McMaster University*, **HAMILTON, CANADA**, 1993, p.164.
39. *Use of Air-Photos in Thematic Mapping; *Proc. ISPRS Commission IV*, **Tsukuba, JAPAN**, 1990, pp.148-153.
40. *Application of LANDSAT-5 TM Data in Water Resource Management of Godda District, S.P., Bihar, INDIA (jointly with Dr. D. J. Pal, Poona); *Remote Sensing and GIS*; Ed. I. V. Murlikrishana, *TATA McGRAWHill Publ.*, **NEW DELHI**, 1994, pp.168-176.
41. *Impact of Mining Environment on Health: A Case Study of Jharia Mining Area (jointly with Dr. M. Chakraborti); *Proc. ISEHH*, *BHU*, **VARANASI**, 1995, p.26.
42. **Landslides and their Impact on Environmental Management (jointly with Dr. P. T. Namgyal); *Eco Degradation of Himalayas: Causes and Remedies*, Ed. B. L. Kaul; *Vinod Pubs.*, & *Dist.*, **JAMMU**, 1995, pp.94-114.
43. *Morphoclimatic Mechanisms and their Role in Environmental Degradation Using Satellite Remote Sensing Techniques; *Proc. Workshop on Optical Methods for Environmental Monitoring of the Atmosphere*, *International Center for Theoretical Physics*, **ICTP, TRIESTE, ITALY**, 1995, H.4.SMR/897-8.
44. *Application of Satellite Remote Sensing to Geomorphological Hazards Assessment in Tropical Lands; *Proc. ICTP/UN Conference on Optical Physics in Space Science and Technology*, **ICTP, TRIESTE, ITALY**, 1995; H.4.SMR/968-7.
45. **Environment and Development: A Geomorphological Approach; *Social Economic Development in India*; Eds. R. S. Tripathi & S. B. S. Parmar; *Ashish Publ.*, *House*, **NEW DELHI**, 1996, pp.125-130.
46. *Role of Geomorphology and Remote Sensing in Environmental Monitoring; *Regional Workshop on Environmental Management*; *Department of Geography*, *Visva-Bharati*, **SANTINIKETAN**, 1996.

47. **Regional Environmental Management and Development; *Geography and Environment*, Eds. P. Nag, V. K. Kumra & J Singh, *Concept Publ.*, **NEW DELHI**, Vol.2, 1997, pp.305-322.
48. **Drainage Basins in Environmental Management: A Case Study of Eastern Nayer Basin, U. P. Himalayas; *Geography and Environment*, Eds. P. Nag, V. K. Kumra, J. Singh, *Concept Publ.*, **NEW DELHI**, Vol. II, 1997, pp.204-225.
49. **Environmental Hazards and their Impact on Development: A Case Study of Jharia Mining Area, India; *Geography and Environment*, Eds. P. Nag, V. K. Kumra & J. Singh, *Concept Publ.*, **NEW DELHI**, 1997, pp.242-252.
50. **Laterite and Landscape Development in the Tropical Lands: A Case Study; *Geography and Environment*, Eds. P. Nag, V. K. Kumra & J. Singh, *Concept Publ.*, **NEW DELHI**, 1997, pp.78-85.
51. **Geo-engineering Mapping of the Saintoli Gad Basin, Garhwal Himalayas (jointly with Dr. U. K. Mandal, Calcutta); *Proc. Fourth International Conference on Geomorphology*, **BOLOGNA, ITALY**, 1997. p.220.
- 52.* Avalanche Hazards Deterioration of Environment and Some Remedial Measures in Gangotri Kedarnath - Badrinath Block, U. P. Himalayas (Jointly with Dr. B. Mukherjee and A. P. Singh, Calcutta); *Geomorphology and Remote Sensing*, Ed. V. C. Jha, *acb publ.*, **CALCUTTA**, 2000, pp.328-337.
- 53* Delineation of Geomorphic Units of Godda District, Santhal Parganas, Bihar, Using Remote Sensing Techniques (jointly with Dr. D. J. Pal, Poona); *Geomorphology and Remote Sensing*, Ed. V. C. Jha, *acb Publ.* **CALCUTTA**, 2000, pp.126-129.
- 54* Geomorphic Evolution of Morains in Gangotri Glacial Block, U. P. Himalaya (Jointly with Dr. B. Mukherjee, Calcutta); *Geomorphology and Remote Sensing*, Ed. V. C. Jha, *acb Publ.*, **CALCUTTA**, 2000, pp.354-358.
- 55* Geo-engineering Mapping of Saintoli Gad Basin, Garhwal Himalaya (jointly with Dr. U. K. Mandal, Calcutta); *Geomorphology and Remote Sensing*, Ed. V. C. Jha, *acb Publ.* **CALCUTTA**, 2000, pp.369-377.
- 56* Impact of Mining Environment on Human Health: A Case Study of Jharia Mining Area (Jointly with Dr. M. Chakraborty, Mumbai); *Geomorphology and Remote Sensing*, Ed. V. C. Jha, *acb Publ.*, **CALCUTTA**, 2000, pp.383-390.
- 57* Application of Remote Sensing Techniques in Geomorphic Mapping: A Case Study of Deoghar Upland, Bihar (jointly with Dr. P. B. Hazra, Calcutta); *Geomorphology and Remote Sensing*, Ed. V. C. Jha, *acb Publ.*, **CALCUTTA**, 2000, pp.391-400.
- 58**** Remote Sensing: Principles and Applications, *Report on contact programme for talented School Students*, Published by *Visva-Bharati and NCSTS, DST*, **New Delhi**, 2000, pp.68-70
- 59* Morphometric Analysis of Sample Drainage Basins in the Garhwal District (jointly with Sanjukta Chaudhury, Santiniketan), *Proc. XXII Ind IIG & IGU COMLAND Meeting*, **SANTINIKETAN**, 2001, p.16.
- 60* Assessment of Soil Erosion and Degraded Land: A Case Study of Dumka District, Jharkhand, (Jointly With Dr. S. Kapat, Santiniketan) *Proc. XXII Ind IIG & IGU COMLAND Meeting*, **SANTINIKETAN**, 2001, p.66.
- 61* Cold Desertification in Southern Part of Mustang District, Western Himalaya, Nepal (Jointly with Dr. B. Mukherjee, Calcutta), *Proc. XXII Ind IIG & IGU COMLAND Meeting 2001*, **SANTINIKETAN**, 2001, p.77.
- 62* Land Degradation in Dwarkeshwar Basin (Jointly With K. Gupta), *Proc. XXII Ind IIG & IGU COMLAND Meeting*, **SANTINIKETAN**, 2001, p.77.
- 63*** Role of Engineering Geomorphological Mapping in Planning and Development: A Case Study, *Transactions, Japanese Geomorphological Union*, **Tokyo, Japan**, Vol.22, No.4, 2001, p.c-114
- 64*** Gully Erosion and Landuse: A case Study of Dumka Block, Bihar (Jointly with Dr. S. Kapat); *NGJI*, **Varanasi**, 2000, Vol.46, pp.43-50

- 65** Denudational Processes and Landform Characteristics in Mustang District, Western Himalaya, Nepal; Recent Advances in Geomorphology, *Quaternary Geology and Environmental Geosciences: Indian Case Studies*; (Jointly with Dr. B. Mukherjee) Edited by S. K. Tandon and B. Thakur, Manisha Publications, **New Delhi**, 2002, pp. 65-74
- 66** Remote Sensing : Principles and Applications ; *Aspects of Environmental Studies*; Edited by S. Mondal, Visva - Bharati Publications, **Kolkata**, 2003, pp. 269-273.
- 67* Denudational Processes and Landform Characteristics in the Laterites : A Case Study, *Proc. 16th IGI, IIRS, Dehradun*, 2003, p. 48
- 68* Denudational Processes and their affect on Water Table Processes, Landform Characteristics in the Laterites of Birbhum District, West Bengal, *Proc. 25th IIG, BHU, Varanasi*, 2003, p. 51.
- 69** Gully Erosion and its Implications on Landuse: A Case Study of Dumka District, Jharkhand (jointly with Dr. S. Kapat); *Land Degradation and Desertification*, Ed. V.C.JHA, Rawat Publications, **Jaipur & New Delhi**, 2003 pp. 156-178
- 70** Assessment of Soil Erosion and Degraded Land : A Case Study of Dumka Sub-Division, Jharkhand (Jointly with Dr. S. Kapat); *Land Degradation and Desertification* Ed. V.C.JHA, Rawat Publications, **Jaipur & New Delhi**, 2003, pp. 268-278
- 71** Land Degradation in Tropical Lands : A Case Study (with Dr. K. Gupta); *Land Degradation and Desertification*, Ed. V.C.JHA, *Rawat Publications, Jaipur & New Delhi*, 2003, pp. 279-290
- 72** Engineering Geomorphology ; *Encyclopedia of Geomorphology* Edited by A. Goudie, Routledge Publications, **New York & London**, 2003, pp. 316-318
- 73** Role of Drainage Basin Shape and Slope Gradient in Water Resource Management for Sustainable Development : A Case Study of Himalayan Ramganga Basin, India; Proceedings of the International Conference on Sustainable Management of Head Water Resources; United States International University, Nairobi, Kenya, 2004, *Sustainable Management of Water Resources : Challenges and Prospects* Editors Dr. H. Prasad , C.M. Ondeki, and K. Abate, Unesco Publications, Tara Book Agency, **Varanasi**, 2004, pp. 365-375
- 74.*** Geomorphic Interpretation of the Mud-Volcanoes of Salse di Nirano in Modena, Italy, *The Deccan Geographer*, Pune, Vol 42, Number 1 June 2004, pp. 49 - 58
- 75.*** Denudational Processes and Landforms Characteristics in the Laterites of the Birbhum District, West Bengal, India, *Transactions, IIG, Pune*, Vol 26, No.1, 2005, pp. 19-30.
76. *Geoinformatics and Spatial Modeling of Raster and Vector Data , *Proc. D S T, A S T S Programme on Application of G I S , G P S and Remote Sensing in Development of Planning and Management* at the U P Autonomous College, **Varanasi**, U.P., Edited By Dr. Siya Ram Singh Yadava and Dr. D.R. Ram, 2005, pp. 7-13
77. *Spatial Modeling of Combined End-Product in Digital (Soft Copy) *Proc. D S T, A S T S Programme on Application of G I S , G P S and Remote Sensing in Development of Planning and Management* at the U P Autonomous College, **Varanasi**, U.P., Edited By Dr. Siya Ram Singh Yadava and Dr. D.R. Ram 2005, pp. 170-174
78. *Spatial Modeling of Analog (Hard Copy) Format *Proc. D S T, A S T S Programme on Application of G I S , G P S and Remote Sensing in Development of Planning and Management* at the U P Autonomous College , **Varanasi**, U.P., Edited By Dr. Siya Ram Singh Yadava and Dr. D.R. Ram , 2005, pp. 175-179
- 79 *Aerial-Photointerpretation : Principles and Applications *Proc. D S T, A S T S Programme on Application of G I S , G P S and Remote Sensing in Development of Planning and Management* at the U P Autonomous College, **Varanasi**, U.P., Edited By Dr .Siya Ram Singh Yadava and Dr. D.R. Ram 2005, pp. 180-184
- 80 *Mathematical Model in Slope Analysis by Remote Sensing *Proc. D S T, A S T S Programme on Application of G I S , G P S and Remote Sensing in Development of Planning and Management* at the U P Autonomous College, **Varanasi**, U.P., Edited By Dr. Siya Ram Singh Yadava and Dr. D.R. Ram 2005, pp. 136-137

81. *Generation of Digital Terrain Model Proc. D S T, A S T S Programme on Application of G I S, G P S and Remote Sensing in Development of Planning and Management at the U P Autonomous College, **Varanasi**, U.P., 2005, Edited By Dr.Siya Ram Singh Yadava and Dr.D.R.Ram pp.135
- 82.*Model of Three Dimensional Views in Remote Sensing Proc. D S T, A S T S Programme on Application of G I S, G P S and Remote Sensing in Development of Planning and Management at the U P Autonomous College, **Varanasi**, U.P., 2005, pp.193-195
- 83.*Remote Sensing : Principles and Applications Proc. D S T, A S T S Programme on Application of G I S, G P S and Remote Sensing in Development of Planning and Management at the U P Autonomous College, **Varanasi**, U.P., Edited By Dr. Siya Ram Singh Yadava and Dr. D. R. Ram 2005, 14-17
84. *Geomorphology in 21st Century Proc RC, BHU , **Varanasi**, 2005, pp.38-51
85. *Application of Remote Sensing Techniques in Geography Proc. RC, BHU, **Varanasi**, 2005, pp. 68-78
86. *Application of Geographic Information Systems(GIS) in Land Degradation Study, Proc. D S T, A S T S Programme on Landuse Planning, Management and Sustainable Development at the U P Autonomous College, **Varanasi**, U.P., Edited By Dr. Siya Ram Singh Yadava and Dr. D. R. Ram 2006, 53-63.
87. * Application of Geographic Information Systems(GIS) in Landuse Planning , Proc. D S T, A S T S Programme on Landuse Planning, Management and Sustainable Development at the U P Autonomous College, **Varanasi**, U.P., Edited By Dr. Siya Ram Singh Yadava and Dr. D. R. Ram 2006, 64-70.
88. * Denudational Processes and Geomorphic Characteristics in the Laterites of Birbhum District, West Bengal, India; *Environmental Changes and Geomorphic Hazards*; Editors SurendraSingh, LeszekStarkel, Hiambok Jones Syiemlieh; Bookwell, **New Delhi**2008, pp87-102.
89. *Geomorphological Disasters and Social Response, *Recent Development of Disaster Management* Editors: Amiya Kr. Ghosh,SabyasachiRaychaudhuri; Progressive Publisher, **Kolkata**;2007, pp22-33.
90. ***Geoinformatics for Industrial Siting : A Case Study (Jointly with P.B.Hazra) ; Research, Journal *QuaestionesGeographicae - Series A* , Adam Mickiewicz University Press, Poznań**Poland**, No 27 A/1 ,2008, pp.47-55
91. ***Rill and Gully Erosion Risk of Lateritic Terrain in South-Western Birbhum District, West Bengal , India; on line Research Journal *Sociedade&Natureza, Uberlândia,Brasil*, Nov. 2009, **No.21** (2): 141-158, (<http://www.sociedadnatureza.ig.ufu.br/viewissue.ph>)
92. Remote Sensing : Principles and Applications; *Magadh Geographical Review (A Research Journal)*,**Bodh Gaya**, Vol IX, No.10,December,2009,pp.48-54
93. Use of Remote Sensing and Geographical Information System(GIS) in Geomorphology; *Environmental Geography*, Edited By Dr. Lalan Singh, APH Publishing Corporation, **New Delhi**, 2010,pp. 281-292.
94. ***Role of Environmental Parameters and the Use of Remote Sensing and Geographic Information System in the Industrial Site Selection: A Case Study of North 24 Parganas District, West Bengal (Jointly with P.B.Hazra) *THE GEOGRAPHER, Aligarh*, Vol. 55, No.2, July 2008,pp.62-74
95. ***Ecogeomorphological assessment of degraded lateric terrain and integrated management in the south western Birbhum district, West Bengal, India. *QuaestionesGeographicae***28A/2**, AdamMickiewiczUniversity Press, Poznań , **Poland** 2009, pp. 47-68. 8 Figs. ISBN 978-83-232-2133-3. ISSN 0137-477X.

96. ***Geoenvironmental Degradation in the Peninsular River Basin in Jharkhand, India ; Jointly with S.Saha, *On line Research Journal Sociedade&Natureza, Uberlândia, Brasil*, Nov. 2010 No. 22 (2): 251-265,
97. ***Sustainable Flood Controlling System : A Case Study on Murshidabad District 1 West Bengal; Jointly with Haraprasad Bairagya, *Practising Geographer (Journal of The Indian Geographical Foundation)*, WINTER, **Kolkata**, 2010 Vol. 14, NO. 2, pp.1-24
98. ***Role of Lithology and Rock Structure in Drainage Development in the Kaliyani River Basin, Assam, India (Jointly with Sucheta Mukherjee) *Ethiopian Journal of Environmental Studies and Management*, **Bahir Dar University, Ethiopia**, Vol. 4 No.2 2011, pp. 61-68
99. *** River Erosion and Geomorphic Characteristics of the Kaliyani River Basin, Assam , *Practising Geographer (Journal of The Indian Geographical Foundation)*, SUMMER, **Kolkata**, 2011 Vol. 15, NO. 1, pp.1-8
100. ***Environmental Impact of Flood and their Sustainable Management in Deltaic Region of West Bengal, India, *Caminhos de Geografia*, Vol. 12, No. 39, 2011, pp. 283-296
101. ***Degraded Lateritic Soilscape and Land Uses in Birbhum District ,West Bengal ,India;; *on line Research Journal Sociedade&Natureza, Uberlândia, Brasil (Accepted)*
102. *Morphotectonics and resultant features in Kaliyani river basin (Assam), Jointly with Sucheta Mukherjee, *on line Research Journal Sociedade&Natureza, Uberlândia, Brasil pp.285-294*
103. Flood Plain Evaluation in the Ganga-Brahmaputra Delta : A Tectonic Review India (Jointly with Haraprasad Bairagya) *Ethiopian Journal of Environmental Studies and Management*, ahir Dar University, Ethiopia, Vol. 4 No.3 2011, pp. 12-24
104. Identification and Mapping of Geomorphological Features and Fluviodynamics for Flood plain Management in the Lower Reaches of The Bakreshwar River Basin , Birbhum District West Bengal (Jointly with Druheen Chakraborty), *Proc. XXXII IIG Meet and International Conference in Climate Change , Geo- Hazards and Disaster Management* Department of Geography, University of Rajasthan, **Jaipur** during 17- 19th January, 2011, p.14.
105. Role of Lithology and Rock Structure in Drainage Development in the Kaliyani river basin Assam (Jointly with Sucheta Mukherjee) *National Seminar on Geography: Space, Time and People Indian Geographical Foundation in collaboration with Anthropological Survey of India, Ministry of Culture, Kolkata* during 11-13th February, 2011 pp.16-17
107. *Prioritization of the Sub- Watersheds based on Morphometric and Land use / Land Cover analysis using Remote Sensing and GIS techniques, (Jointly with Druheen Chakraborty) *National Seminar on Geography: Space, Time and People Indian Geographical Foundation in collaboration with Anthropological Survey of India, Ministry of Culture, Kolkata* during 11-13th February, 2011 pp.17-18
108. *Strategy for Land Resource Management of the Siddheshwari- Nunbil Riparian Tract of South Western Part of Birbhum District , West Bengal, India., (Jointly with Druheen Chakraborty) *National Seminar on Natural Resource Management held in Department of Geography, University of Calcutta, Kolkata* during 10-11, March, 2011, p.29-30.
109. ***Morphometric Analysis of the Kaliyani River Basin, Assam (Jointly with Sucheta Mukherjee) *Practising Geographer (Journal of The Indian Geographical Foundation)*, WINTER, **Kolkata**, 2011 Vol.

110. Denudational Processes and Geomorphic Characteristics of the Kaliani River Basin, Assam, India (Jointly with Sucheta Mukherjee) ; 33rd, NAGI Annual Meet at the Department of Geography, University of Burdwan, Burdwan November 11-13, 2011
111. *Landscape Ecological Assessment of the Barkeshwar River Basin, Birbhum District, West Bengal, India : A Micro-Level Study (Jointly with Druheen Chakraborty) ; 33rd, NAGI Annual Meet at the Department of Geography, University of Burdwan, Burdwan, November 11-13, 2011
112. ****Geomorphology and Environmental Management in India: A Vision Beyond; Indian **Journal of Geomorphology (IGI), Vol16(1 &2) (Jan-June, July-Dec.) 2011, pp.I-XI,ISSN 0973-2411**
113. ***Geomorphic Analysis of Mawsmai Cave, Meghalaya, India,(**Jointly with Haraprasad Bairagya**) Caminhos de Geografia, Uberlandia, BRASIL,Vol.12 No. 40,2011,pp.291-299
114. ***Assessment of Landscape Ecology of Siddeshwari-Numbil Riparian Tract in Birbhum District, West Bengal, The Deccan Geographer, Vol. 49, No.2, December 2011 (ISSN-0011-7269), pp. 1-12
115. ***Denudational Processes and Geomorphic Characteristics of the Kaliani River Basin (Assam, India)(Jointly with Sucheta Mukherjee)Alexandru Ioan Cuza" University of Iasi - Geography series, Romania, Vol 58, No 1 (2012) pp.21-30
116. ***Floodplain Planning based on statistical analysis of tilpara barrage discharge a case study on mayurakshi river basin (jointly with haraprasad bairagya), caminhos de geografia Uberlandia brasil v. 13, no.43 october 2012 pp. 326-334
117. ***Prioritization of Sub-watersheds Based on Morphometric Analysis Using Remote Sensing and GIS Techniques : A Case Study; jointly with Druheen Chakraborty, The Geographer, Vol. 58 No.1, January 2011 (ISSN: 0072-0909) pp1-15
118. ***Environmental Land Use Analysis and Effective Planning for the Development of Kaliani River Basin, Assam, India (jointly with Sucheta Mukherjee), ILLEE Journal of Landscape Ecology, Calcutta University, Kolkata 2013
119. ***First ever record of threatened onspot barb fish, Puntius ticto (Hamilton) from Arunachal Pradesh, India : A biodiversity hot spot (Jointly with Keshav Kr. Jha, Onong Tamuk, Tapan Kr Ghosh), International Journal of Fisheries and Aquaculture, Vol 5(5), May 2013 pp. 66-70 (www.academicjournal.org/IJFA)
120. ***Flood and Flood Plains of West Bengal, India : A Comparative Analysis; (Jointly with Haraprasad Bairagya) Revista Electronica Geografica, Barra do Garcas-MT, Especial, pp.1-10, Setembro, 2013
121. ****New Dimensions in Thematic Mapping, Maanchitran, NATMO Govt. of India Publication, Vol. V, 2013, pp.1-7

122. *** Distribution of an endangered fish species, Chacachaca (Ham. Buch.), in Arunachal Pradesh, India: A biodiversity hot spot (jointly Keshav Kr. Jha, Kumar Chetri and Tapan Kr. Ghosh; International Journal of Biology and Biological Sciences, Vol.3(3), 2014,pp.023-030
123. ***Principal Component Analysis of Remotely Sensed Data and its Applications in Terrain Analysis : A Case Study of Dumka Upland, Jharkhand, India, Using LANDSAT 8 Image (Jointly with SayenChoudhary&Sucheta Mukherjee; The Goa Geographer, Vol. XII No.1 Dec. 2015 pp.1-9
124. ***Geographical Analysis and Mapping of some important Buddhist Sites in India using Geospatial Techniques and their impact on Cultural Development in South-East Asia, Vibhash C. Jha and Sucheta Mukherjee, Proc. The 7th International Buddhist Research Seminar, BRI and Nan Sangha College, M C University, Thailand, 18-20, February, 2016, p.53
125. ***Geomorphological Mapping of Kail Ganga River Basin Using Geospatial and Field Techniques, jointly with SomitMandal, Sucheta Mukherjee, Indian Cartographer, Cartography and Climate Change, Volume 36, Part-I, 2016 pp.45-51
126. ***Application of Geospatial and Field Techniques in Geomorphological Mapping: A case Study of Himalayan Upper Pinder River Basin, jointly with Senjuti Nandi, Indian Cartographer, Cartography and Climate Change, Volume 36, Part-I, 2016 pp.411-424
127. ***Geomorphosites and Geotourism : A Case Study of the Mawsmal Limestone Caves, Meghalaya India, , jointly with Sucheta Mukherjee, Gopinath Patra and Somit Mandal, Indian Cartographer, Cartography and Climate Change, Volume 36, Part-I, 2016 pp.442-451
128. ***Analysis of Relief Characteristics Using Digital Elevation Model : A Case Study of Dumka Upland , Jharkhand , India, jointly with Sayan Choudhary, Indian Cartographer, Cartography and Climate Change, Volume 36, Part-I, 2016 pp.452-461
129. ***Erosional Characteristics and Environmental Management: A Case Study of Lateritic Terrain , Birbhum District, West Bengal, The Goa Geographer, GAG, Vol.XIII No.1, Dec. 2016,pp.57-71
130. ***Role of Geospatial Technology in Analysis and Mapping of Some Important Buddhist Sites in India and its Cultural Geography Significance in Thailand; NIC 2017 MCU KK “ Buddhist Innovation for Developing Thailand ” 4th National and 2nd International Conference 2017 MCU, Khon Kaen Campus, Proc. Pp 85-95
- 131.***Buddhist Religious Sites in India and Sustainable Development : Cultural Geographical Analysis Using Remote Sensing and GIS Techniques, The 8th International

Buddhist Research Seminar and 2nd International Conference on Buddhasa Studies,
Bangkok, Thailand, 24-25 May 2017, p.45

132.*** The Role of Maps in Building a Stronger Nation; Todarmal Endowment Lecture;
Indian Cartographer (Journal of the Indian National Cartographic association, INCA)
NHO, Dehradun, 2017, Vol.37 pp.v-ix

133.*** Identification and Mapping of Landforms in the Himalayan Kail Ganga Basin,
Uttarakhand Indian Cartographer (Journal of the Indian National Cartographic
association, INCA) NHO, Dehradun, 2017, Vol.37 pp.365-371

