

# Two Days National Seminar (Online), 2022

## Cytogenetics, *in vitro* Culture and Phytochemistry of Plants and Microbes for Sustainable Use

22<sup>nd</sup> and 23<sup>rd</sup> January, 2022

Jointly Organized By

Department of Botany, UGC DRS (SAPII) & DST-FIST

Siksha-Bhavana, Visva-Bharati, Santiniketan West Bengal-731235

&  
Department Of Botany, Raidighi College (A NAAC Accredited College), 24 Parganas (S), Pin-743383

Registration Link: <https://forms.gle/ynffqzM2oDhsxes2A>

Last date of Registration: 19<sup>th</sup> January, 2022



### About the Organizers

This seminar is a collective effort by Visva-Bharati, Santiniketan & Raidighi College to provide a forum for advanced learning and brainstorming interactive sessions for learners and academicians.

The Department of Botany at Siksha Bhavana is an integral part of Visva-Bharati which is an institution of national importance and has attained the status of a Central University in 1951 by an act of parliament. The department came into existence, first by starting an undergraduate honours course in 1965 and subsequently postgraduate course was introduced in 1967. The Department of Botany is presently recognized as UGC-DRS-II (2015) and DST-FISTII (2016) department. This Department is continuously contributing in multifarious ways in the field of education and research.

Raidighi College is a NAAC Accredited College affiliated under the University of Calcutta. The Department of Botany of Raidighi College was established in the year 2007 offering only undergraduate Course (General), initially. In the year 2018 Honours Course was also introduced under the Choice-Based Credit System (CBCS). The Department of Botany of Raidighi College is actively involved in conducting numerous events like seminars, webinars, awareness campaigns, study tours etc. along with academic learning and skill-enhancing activities. The Department is relentlessly striving to infuse comprehensive ability, research aptitude and inquisitiveness amongst the students regarding the subject to enhance their prospects in higher studies and employment.

This two days National Seminar is an effort to bring all concerned researchers on a common platform to share advanced knowledge, concepts, ideas and innovations on the following themes:

### MAJOR THEMES OF THE SEMINAR

1. Chromosomal Research
2. Sustainable *in vitro* culture and Conservation of Bioresources
3. Phytochemistry and their biological potential
4. Gene – Environment Interaction

### Awards:

- Certificate of awards for two best oral and poster presenters of each session.
- Certificate to all the authors and Co-authors of presented papers and posters with a soft copy of the Abstract Book.
- Certificate of participation to all the registered participants

### Participation and Call for Abstract

All the delegates must register to participate in the seminar in prescribed registration form. The abstract will only be published after the successful submission of registration form. Abstracts should be sent through [email to botany.seminarmail@gmail.com](mailto:email_to_botany.seminarmail@gmail.com)

### GUIDELINES FOR ABSTRACT SUBMISSION

The abstract for presentation within 300 words on above mentioned areas / themes of the seminar should be sent to the organizing committee on or before 15th January, 2022 via email. Abstract should be submitted in MS word with Times New Roman as font style & 1.5 spacing within the lines.

### Organizing committee

#### Patron

Prof. Bidyut Chakrabarty (Vice- Chancellor, Visva-Bharati)

#### President

Prof. Taraprasad Bandopadhyay (Principal, Siksha Bhavana, Visva-Bharati)

#### Vice-President

Dr. Sasabindu Jana, Principal, Raidighi College

#### Chairman

Prof. Swadesh Ranjan Biswas (Head, Department of Botany Visva-Bharati)

#### Joint Convenors

Dr. Anjalika Roy (Department of Botany, Visva-Bharati)

Dr. Madhumita Majumder (Head, Department of Botany Raidighi College)

#### Organizing Secretaries

Dr. Bomba Dam and Dr. Anindya Biswas (Department of Botany, Visva-Bharati)

Ms. Rukshana Irani (Convenor, Seminar Committee, Raidighi College), Shri. Asim Panda (Department of Botany Raidighi College)

#### Members of Organizing Committee:

Dr. Soma Sukul, Dr. Jnanendra Rath, Dr. Adani Lokho,

Dr. Hema Gupta Joshi & Dr. Nandlal Mandal

(Department of Botany, VB, Shantiniketan)

Shri. Debanjan Pandit & Shri. Durbadal Barman

(Department of Botany, Raidighi College)

#### Advisory Committee:

• Prof. Narayan Chandra Mandal (Professor, Department of Botany, Visva-Bharati)

• Prof. Subrata Mondal (Professor, Department of Botany, Visva-Bharati)

• Prof. Chowdhury Habibur Rahman (Professor, Department of Botany, Visva-Bharati)

• Dr. Sisir Chatterjee (IQAC Coordinator, Raidighi College)

• Dr. Arunima Biswas (IQAC Jt. Coordinator, Raidighi College)

• Shri Uttam Roy Mondal (Teachers' Council Secretary, Governing Body Member & Academic Council Secretary, Raidighi College)

• Dr. Sudhin Sinha (Governing Body Member, Raidighi College)

• Shri Sanat Kumar Purkait (Governing Body Member, Raidighi College)

• Shri Bidyut Saha (Jt. Secretary, Academic council, Raidighi College)

#### Format of the Abstract

Title of the paper:: Bold, 14pt

Author's name(s): Bold, 12pt

Author's affiliation: Bold, 12pt, Italic,

Abstract Body: Text size 12 pt

Keywords (at least 4-5 words)

Email of presenting author with asterisk superscript (\*)

#### Events:

Keynote lectures, Plenary lectures, Oral and Poster Presentations

### Keynote Speakers:

Prof (Dr.) Dipak Kumar Kar, Vice Chancellor, Sidho Kanho Birsha University, Purulia.

Dr. Gouri Saxena, Department of Botany, University of Lucknow, Lucknow

### Plenary Speakers:

Prof Anita Mukherjee, (Rtd) Professor and Head, Department of Botany, University of Calcutta

#### Topic: Nanomaterials and plants

Prof. Tapan Kumar Maity, Professor, Department of Pharmaceutical Technology, Jadavpur University, Kolkata

Topic: Potential of Plants' secondary metabolites as life saving drugs

Prof. Tushar Kanti Maiti, Professor, Department of Botany, University of Burdwan

Topic: Role of Plant Growth promoting *Rhizobacteria* in stress Agriculture for Sustainable Development

Prof. Rita Kundu, Professor, Department of Botany, University of Calcutta

Topic: *Phyllanthus amarus*: a potential anticancer herb of India

Prof. Nirmalya Banerjee, (Rtd) Professor, Department of Botany, Visva-Bharati

Topic: Propagation and increased secondary metabolite production of *Solanum erianthum* through *in vitro* approach

### Guideline for presentation

Presentation Mode: Online (Google Meet). The presentation will be of 8 minutes duration & 2 minutes will be given for interaction. The maximum poster dimensions should be 36" x 48" or 48" x 36" or A4 size paper. The file size should not exceed 40 MB. It should be clearly visible to the eyes.

### PARTICIPANTS:

Researchers, Scientists, Faculty Members, Scholars, Academicians, Students of Universities, Colleges and Institutions

### IMPORTANT DATES AND DEADLINES

Abstract submission: January 15<sup>th</sup>, 2022

Notification of Acceptance : January 17<sup>th</sup>, 2022

Registration for participation: January 19<sup>th</sup>, 2022

Registration free but mandatory

### Contact Details:

For any queries mail us to [botany.seminarmail@gmail.com](mailto:botany.seminarmail@gmail.com) or Contact Dr. Anjalika Roy (Mobile no. 91 94741 88541) Dr. Madhumita Majumder (Mobile no. 91 87772 39612).