





# **International Webinar**

on

# Recent Trends in Autotrophic Cryptogam Research (RTACR-2021)



# 7-8 October 2021

Jointly organized by

Department of Ecology & Environmental Science,
Assam University, Silchar
CSIR-National Botanical Research Institute, Lucknow
Indian Lichenological Society, Lucknow

## Themes

Algae, Lichens, Bryophytes, Pteridophytes

## About the webinar

'Cryptogams are a specialized and diverse group that includes algae and cyanobacteria, through to very large and complex colonies of lichens, bryophytes and pteridophytes. They make up the vast majority of non-vascular plants, which reproduce through the spores rather than seeds. Their impact on global and regional biogeochemical cycling of carbon and nitrogen are well recognized. Cryptogams play central roles in the formation and stabilization of soils, the decomposition of dead organic material and nutrient cycling. Their role and ecological significance has drawn attention in the context of climate change and biodiversity conservation. The Webinar intends to dwell on autotrophic cryptogams and their current research perspectives.'

#### Assam University, Silchar

Assam University came into existence in 1994 after enactment of the Assam (Central) University Act 1989. Through its pursuit, Assam University is in the process of making itself an Institute of Excellence. Assam University main campus is situated at Dargakona, about 20 km away from Silchar city. The campus is set amid sprawling hillocks and typical landscape of north east. The campus is spread over 600 acres and provide an ideal environment for the researchers, students and the people interested in academic excellence. The other campus of the university is situated at Diphu in the district of Karbi Anglong, Assam. Assam University being a central university hosts a national characteristics of unity in diversity. Faculties, staff and students hail from all over the country. International students also find this institution an ideal centre for pursuing their academic endeavor. For more information, please visit www.aus.ac.in

#### **CSIR-National Botanical Research Institute, Lucknow**

CSIR-NBRI is a premier plant-based research institute located at centre of city Lucknow. The institute undertakes basic and applied research on various aspects of plant science, including documentation, systematics, conservation, prospection and genetic improvement with particular emphasis on under-exploited, non-traditional and wild plant genetic resources of the country for sustainable development and human welfare. It is a unique institute where cryptogam research is given equal importance. The cryptogam research includes systematics and bioprospecting of algae, bryophyte, fungi, lichen and pteridophyte. The herbarium of the institute has rich collections of these cryptogams.

#### Indian Lichenological Society, Lucknow

For more information, please visit https://nbri.res.in/

ILS is an association of lichen researchers and enthusiasts established in the year 2014 for the promotion of lichen research in India. The society is registered under Society Registration Act 1860 at Lucknow. The society currently has 200 Life Members from India and abroad. The society publishes a biannual journal entitled 'Cryptogam Biodiversity and Assessment'.

For more information, please visit www.indianlichenology.com

#### Abstract submission

The participants interested in oral or poster presentation must submit the abstract. The abstract should not exceed 300 words; typed using 'Times New Roman' font, 12 pt. size and 1.5 line spacing. The abstract should be divided into title (in capitals), author names (without titles such as Mr., Mrs., Ms., Dr., Prof. etc.), brief affiliations, email address of either presenting or corresponding author, main text and keywords (maximum 5). The presenting author name should be marked with asterisk (\*). Limited number of abstracts will be selected by the organizers for presentation.

The last date for submission of the abstract is 03-10-2021

# Organizing Committee

## **Patrons**

**Prof. Dilip Chandra Nath** 

Vice Chancellor, Assam University, Silchar

Prof. Saroj Kanta Barik

Director, CSIR-NBRI, Lucknow

**Co-Patrons** 

Dr. Dalip Kumar Upreti

CSIR-Emeritus Scientist, NBRI, Lucknow & President, Indian Lichenological Society

**Prof. Jayashree Rout** 

Dean, E P Odum School of Environmental Sciences
Assam University, Silchar

## Convener

**Prof. Ajit Kumar Das** 

Head, Department of Ecology & Environmental Science

**Assam University, Silchar** 

# **Organizing Secretaries**

Dr. Sanjeeva Nayaka

Senior Principal Scientist, CSIR-NBRI, Lucknow

Dr. Panna Deb

Department of Ecology & Environmental Science,
Assam University, Silchar















Kindly Register at : https://bit.ly/3hY4eHk

E-Certificates will be provided to all the registered participants

# **Invited Speakers**



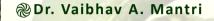
### ALGAE

Prof. S. P. Adhikary

Former Professor, Visva Bharti University and former VC, FM University, Odisha



Former Professor, Bharatidasan University, Tiruchirappalli



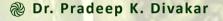
Principal Scientist, CSIR-CSMCRI Bhavnagar



#### LICHENS

@ Dr. D.K. Upreti

Emeritus Scientist, CSIR-National Botanical Research Institute, Lucknow



Faculty of Pharmacy, Complutense University of Madrid, Spain

@ Dr. Robert Lücking

Botanischer Garten und Botanisches Museum, Freie Universität Berlin



@ Dr. D.K. Singh

Former Director, Botanical Survey of India, Kolkata



## PTERIDOPHYTES

Prof. S.P. Khullar

Former Professor, Botany Department, Panjab University, Chandigarh

Department of Organisms and System Biology, Oviedo University, Spain

# Members

# Dept. of Ecology and Environmental Science,

# **Assam University Silchar**

Prof. Dulal Chandra Ray, Prof. Parthankar Choudhury, Prof. Mithra Dey, Prof. Susmita Gupta, Dr. Aparajita De, Dr. Tapati Das, Dr. Arun Jyoti Nath

## **CSIR-NBRI. Lucknow**

Dr. Ashish K. Asthana, Dr. Ajit P. Singh, Dr. Sachitra K Rath, Dr. G.K. Mishra, Dr. Komal K. Ingle, Dr. Siljo Joseph

Limited scope for 10 minute slide-presentation by young faculties and scientists (below 35 years) and 5 PPT-slides (as poster) for the scholars will be there



**Join with Google Meet** 

Day 1 link: meet.google.com/fee-jori-yuh Day 2 link: meet.google.com/urn-bypd-dmg



https://www.youtube.com/watch?v=wJvLohJeQjY



# **Advisory Committee**

@ Dr. K. P. Singh Lichenology, former Scientist, BSI, Allahabad

@ Dr. G. P. Sinha Lichenology, former Scientist, BSI, Allahabad

@ Dr. D. K. Singh Bryology, former Director, BSI, Kolkata

**Dr. Virendra Nath** Bryology, former Chief Scientist, CSIR-NBRI, Lucknow

@ Dr. P. B. Khare Pteridology, former Scientist, CSIR-NBRI, Lucknow

**Prof. S .P. Khullar** Pteridology, former Professor, Panjab University,

**Chandigarh** 

Prof. G. S. Subramanian

Algology, former Professor, Bharathidasan University,

## Tiruchirappalli

Prof. S. P. Adhikary

Algology, former Professor, Visva-Bharati University and former Vice chancellor, F M University, Odisha

Prof. A. S. Ahluwalia

Algology, Professor and Pro-Vice chancellor, Eternal **University, Baru Sahib** 

## **Technical Support:**

**Dr. Prodipto Das Dept. of Computer Science Assam University, Silchar** email: prodiptodas@gmail.com















