



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

Indian Lichenological Society, Lucknow

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

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CSIR-Emeritus Scientist, NBRI, Lucknow &
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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

 Prof. G. Subramanian

Former Professor, Bharatidasan University, Tiruchirappalli

 Dr. Vaibhav A. Mantri

Principal Scientist, CSIR-CSMCRI Bhavnagar

LICHENS

 Dr. D.K. Upreti

Emeritus Scientist, CSIR-National Botanical Research Institute, Lucknow

 Dr. Pradeep K. Divakar

Faculty of Pharmacy, Complutense University of Madrid, Spain

 Dr. Robert Lücking

Botanischer Garten und Botanisches Museum, Freie Universität Berlin

BRYOPHYTES

 Dr. D.K. Singh

Former Director, Botanical Survey of India, Kolkata

PTERIDOPHYTES

 Prof. S.P. Khullar

Former Professor, Botany Department, Panjab University, Chandigarh

 Dr. Helena Fernandez

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>

Contact organizing secretaries for queries

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&

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Advisory Committee

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