Call for application for participation on

"Value-based approaches towards algae and their native ecosystems

– a seminar-cum training workshop"

17-18th February, 2026

West Bengal State University is organizing **"Value-based approaches towards algae and their native ecosystems-a seminar-cum training workshop"** during **17-18th February, 2026**, partly funded by the **"Anusandhan National Research Foundation (ANRF)"**, Govt. of India as a **Scientific Social Responsibility** Policy of ANRF (erstwhile SERB).

Why algal research is gaining more momentum at present day?

Algae, a major inhabitant of aquatic ecosystems and wetlands of earth, are not only invaluable to mankind for their economic importance, known since ages, as they are major producers of many valuable bio-based products, but also, they can serve as major biological indicators for their native ecosystems, aiding in ecological health monitoring. Values of algae under these two major themes are becoming more and more significant under this climate change era. On one hand, the contemporary research on yield of value-based carbon-capture-utilization products from algae can bring impetus to the "Panchamrit" policies as described by the Prime Minister Narendra Modi as India's five-point climate action plan at the COP26 climate summit in Glasgow in November 2021. On the other hand, state-of-the art research and training on algal entity involving ecological health monitoring/acting as climate vulnerability indicators, spanning their native ecosystems, could send on-time signals to the scientific community and policy makers about the rapid but cryptic climate change effects.

The major activities to be covered in this seminar cum training workshop are:

➢ Present-day research on value-based products/carbon-capture-utilization products from algae in India by distinguished experts
➢ Modern research in India on algae as ecological health monitors and climate vulnerability indicators for native ecosystems by eminent researchers
➢ State-of-the-art algal cultivation methods to increase the yield of value-based products by distinguished practitioners, industry, start-up scientists
➢ Training on Technical knowhows followed in above research arena by Early Career Scientists
➢ Presentations by young researchers to showcase their relevant research

Our experts of the workshop:

Prof. Dinabandhu Sahoo, University of Delhi

Prof. Ruma Pal, University of Calcutta

Prof. Shashi Kumar, ICGEB, New Delhi

Prof. Vaibhav V. Goud, IIT Guwahati

Prof. Ramkrishna Sen, IIT Kharagpur

Prof. Punyasloke Bhadury, IISER Kolkata

Dr. Karthick Balasubramanian, Agharkar Research Institute (ARI), Pune

Dr. Neera Sen Sarkar, University of Kalyani

Dr. Manikandan B, CSIR-NIO, Goa

Dr. Vaibhav A. Mantri, CSIR-CSMCRI, Bhavnagar

Dr. Subir Kumar Mandal, CSIR-CSMCRI, Bhavnagar

Dr. V. Veeragurunathan, CSIR-CSMCRI, Bhavnagar

Prof. Archana Tiwari, Amity University, Noida

Dr. Akanksha Agarwal, AgroMorph Technosolutions Private Limited, Mumbai

Dr. Anwesha Ghosh, IISER Kolkata

Dr. Chandan Mukherjee, Galgotias University, Greater Noida

Dr. Sandip Kumar Basak, Sarat Centenary College, Hooghly, WB

Dr. Krishna Ray, West Bengal State University

Who can apply

1. All Bachelor's and Master's students interested in the relevant research
2. All Ph.D. researchers interested in the relevant research
3. Any faculty or Researcher interested in similar field

Registration fee: INR 3000/- for all

Venue: West Bengal State University, Kolkata

Please send your application email with your area of research interest and the following application format filled latest within 25th of January, 2026 to Dr Krishna Ray (krishna@wbsu.ac.in; kray91@gmail.com).

Ask for receipt of email to make sure that we have found it in our inbox and follow it up, if needed.

Seminar cum training workshop Application Format

Applicant's Name and Title: _____

 Gender: _____

(only for statistical purposes. This will not affect choice of participants)

Position _____

Institution _____

Postal Address _____

E-mail _____

Phone Number _____

Brief relevant areas of research

Expected professional impact of your participation

Please indicate how you will disseminate the outcomes of the workshop