



DEPARTMENT OF BIOTECHNOLOGY, GOVERNMENT OF INDIA

Sponsored

NATIONAL LEVEL HANDS ON TRAINING ON METAGENOMICS, DNA BARCODING, MOLECULAR BIOLOGY TECHNIQUES AND BIOINFORMATICS APPLICATIONS

Organized by

**BIOINFORMATICS INFRASTRUCTURE FACILITY
DEPARTMENT OF ZOOLOGY
GAUHATI UNIVERSITY,
GUWAHATI- 781014, ASSAM**

8th – 20th July, 2024

Who can apply:

College/University Teachers & Research Scholars/Students in Biological Sciences.

Number of participants:

Number of participants will be restricted to 30 only. *Participants will be selected on first come first serve basis.

Registration Fees:

Rs. 3,000/- has to be paid by selected participants

Project Coordinator

Prof. J. C. Kalita,
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Convener & Head

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Background

The Department of Biotechnology, Ministry of Science & Technology, Govt of India has been pleased to set up Bioinformatics Centre in the Gauhati University, Guwahati Assam in February; 2008. The centre is a member of Northeastern Bioinformatics network (NEBInet) and Biotechnology Information System Network (BTISnet).

Objectives of the Training

The Training aims to provide in-depth knowledge in both biological data generation and data analysis. The training will cover lectures and hands-on training sessions on Barcoding, Metagenomics, Molecular Biology techniques and Bioinformatics applications. This training aims to facilitate young researchers to design and develop innovative ideas with respect to these areas of research.

Course contents

- Concepts in DNA Barcoding, Metagenomics
- DNA extraction, Sequencing, Analysis Development of DNA Barcode
- Sequence submission in BOLD/GenBank
- Whole genome sequencing and Data analysis
- Metagenomics and metagenome analysis
- Computer-Aided drug designing
- Phylogenetic analysis
- QSAR modeling

Accommodation

Few accommodation can be arranged for outstation candidates on prior request.

How to Apply

Interested participants can scan the QR code and fill up the Google form to register.



Important Dates

Application Deadline: 30-06-2024

Venue

Bioinformatics Centre, Department of Zoology, Gauhati University, Guwahati-781014

For further queries please write to: gubioinfo6@gmail.com

