



सत्यमेव जयते



DEPARTMENT OF BIOTECHNOLOGY,
GOVERNMENT OF INDIA

SPONSORED

NATIONAL LEVEL HANDS ON TRAINING

On

“INFORMATICS TOOLS IN THE STUDY OF MICROBIAL DIVERSITY”

19th – 25th February, 2024

ORGANIZED BY

GAUHATI UNIVERSITY

NAAC ACCREDITED A-GRADE UNIVERSITY

VENUE

**BIOINFORMATICS CENTRE (2008)
DEPARTMENT OF BIOTECHNOLOGY
DEPARTMENT OF ZOOLOGY
GAUHATI UNIVERSITY,
GUWAHATI- 781014, ASSAM**

COORDINATOR & HEAD

**PROF. (DR.) J. C. KALITA,
DEPARTMENT OF ZOOLOGY**

CO-COORDINATOR'S

**DR. HRIDIP KUMAR SARMA
DR. PRANJAN BARMAN
DEPARTMENT OF BIOTECHNOLOGY**

CO-COORDINATOR

**DR. MANAS DAS,
DEPARTMENT OF ZOOLOGY**

For further queries please write to: hridip@gauhati.ac.in

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

The objective of the training is to provide in-depth knowledge and hands-on training on application of NGS and Big data analysis in understanding microbial diversity. This training aims to facilitate young researchers to design and develop innovative ideas with respect to microbial genomics and transcriptomics.

Course Contents of the Training

- Concepts in microbial genomics and transcriptomics.
- NGS & Big data analysis
- Whole genome sequencing, gene prediction & annotation
- Metagenomics and metagenome analysis (Hands-on).
- Microbial RNA sequencing & differential expression analysis (Hands-on).
- Microbial taxonomic databases
- Biodiversity informatics and Microbial phylogenetics (Hands-on).

Level of participants

College/University Teachers & Research Scholars/Students in any branch of biological Sciences.

Number of participants

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

Accommodation

Accommodation can be arranged for outstation candidates on shared basis free of cost.

Hands on Training

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Registration Fees

There is no registration fees.

Centre Fees

Centre fees of R. 500/- has to be paid during registration.

Refreshment

Lunch can be arranged on request and on payment basis.

How to apply?

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



Important Dates

Application Deadline: 19-02-2024. Spot registration is available.

Venue

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

Coordinator & Head

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Co-Coordinator

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