



**10 DAYS WINTER INTERNSHIP
PROGRAMME
IN
CENTRE FOR BIOTECHNOLOGY AND
BIOINFORMATICS, DIBRUGARH
UNIVERSITY, DIBRUGARH
23rd January to 1st February 2023**

About the Centre: The Centre for Biotechnology and Bioinformatics offers Postgraduate programmes leading to MSc. and PhD in Biotechnology and Bioinformatics. The programmes are designed to generate competent human resources with comprehensive expertise in the broad fields of Biotechnology and Bioinformatics. The Centre aims to address individual, institutional and societal needs by dissemination of knowledge in the aforementioned areas and through engagement in active research.

About the programme:

Applications are invited from students (UG/PG), Research Scholars, Faculties of Biological Sciences and allied subjects. The programme will be offered for the following thematic areas:

Topics

Screening of microbes from food (milk and fermented food products)

- Culturing of microbes
- IMVIC Test
- Water quality analysis by MPN Method
- Other test for biochemical characterization of microbes

Evolutionary studies

- Sequences
- Sequence alignment
- Evolutionary analysis/phylogenetic analysis

Database design and development

- ER Modeling
- Relational model
- Physical database design

Extraction, separation and quantification of biomolecules

- Extraction of protein, carbohydrate, lipid and nucleic acids.
- Estimation of protein, carbohydrate, reducing sugars and nucleic acids
- Extraction of enzyme from plant and animal sources
- Methods for estimation of enzyme activity
- Separation of enzyme/ protein using Native and SDS-PAGE

Candidate may choose any one programme from the above mentioned topics.

Last Date for Registration: 15-01-2023

Link for Registration:

<https://forms.gle/H3goPqoHqmYr79sx6>

Rules and Regulations governing the Internship Programme

- Participants have to register through the link provided above, after which he/she will be provided a payment link in the registered email id.
- Participants have to attend the internship programme regularly without break.
- Their daily attendance will be marked in a register/attendance sheet.
- On completion of the Internship, *certificates will be issued.*

Facilities to Interns:

- Lab facilities will be provided.
- Internet facilities will be provided.
- Equipments/software/chemicals will be provided, wherever applicable.
- For in-campus accommodation please contact the programme coordinator in advance.

No Travelling Allowance/Stipend will be provided.

Fees: INR 3000/- only.

Interested candidates are requested to contact the programme coordinator for details information.

Dr. Jyotish Sonowal
Programme Coordinator
Centre for Biotechnology & Bioinformatics
Dibrugarh University, Dibrugarh
CONTACT NO.: 9706973436
Email: jyotishsonowal@dibru.ac.in