

**Workshop on
Bioinformatics: Tools & Applications**
23rd to 29th April, 2019

REGISTRATION FORM

Name: Dr/Ms./Mr. _____

Designation: _____

Affiliation: _____

Address: _____

Mobile No. _____

E-mail: _____

Signature of candidate: _____

Date: _____ Place: _____

Recommendation from the Ph.D. Supervisor/
Head of the Department: _____

Signature of Supervisor/HoD/Principal
(Seal)

Registration Fee: Rs. 1200/- (for teachers)

Rs. 600/- (for research scholars)

Last date of submitting application by email to the Organising Secretary is 25th March, 2019 and selection will be on first-come-first-service basis only. The mode of payment of Registration Fee will be intimated to the selected candidates.

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Patron

Prof. Ranjit Tamuli
Hon'ble Vice Chancellor, Dibrugarh University

Organizing Commiitee

Chairperson

Prof. Raj Narayan Singh Yadav
Dean, Science & Engg., Dibrugarh University

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Head, Department of Life Sciences, Dibrugarh University

Organizing Secretary

Dr. Pankaj Chetia

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Dr. Moirangthem Kameshwor Singh

Contact Details

Dr. Pankaj Chetia
Department of Life Sciences
Dibrugarh University
Dibrugarh - 786 004, Assam, India
E-mail: chetiapankaj@dibru.ac.in
Phone: +91-9435522763 / +91-9435101931

**WORKSHOP
ON
BIOINFORMATICS :
TOOLS & APPLICATIONS**

23rd to 29th April, 2019



**Organised by
Department of Life Sciences
Dibrugarh University
Dibrugarh - 786004
Assam, India**

About the Workshop

Bioinformatics is the application of computational or Information Technology tools in solving the problems of Biology. It has become an integral part of Life Sciences nowadays. With the development of new techniques to understand the molecular basis of life, huge data is being generated everyday. To store and analyse such data, different databases and tools are being developed. Bioinformatics has become an essential tool in Computer Aided Drug Designing, Phylogeny analysis, PCR Primer Designing, Drug Target identification etc.

Considering its importance, different universities have included Bioinformatics as a part of course curricula. This workshop has been planned to give an exposure to different theoretical aspects of Bioinformatics as well as Hands on Training on different fields of Bioinformatics.

About the Department

Department of Life Sciences, Dibrugarh University came into existence in 1977. Since then the department is playing a vital role in imparting knowledge and generating trained manpower in the field of Biological Sciences. The department is actively engaged in teaching and research in different domains of Life Sciences. The department currently offers M.Sc. in Life Sciences (Botany/Zoology) and Ph.D. courses.

About Dibrugarh University

Dibrugarh University, the easternmost University in India, was established in 1965 consequent upon the provisions of the Dibrugarh University Act, 1965, enacted by the Assam Legislative Assembly. It is a leading research and innovation driven University that acts as a spatial slot to configure the socio-cultural dynamics of North East India. The University hosts 177 affiliated colleges and institutes that spread over nine districts of Assam. As a recognition of its excellence, the university has been accredited by NAAC with A grade.

Tentative Topics to be covered

- Structure of Biological Macromolecules
- Sequencing Techniques
- Sequence Alignment
- PCR Primer Designing
- Phylogenetic Analysis
- Computer Aided Drug Designing
- Gene Network Analysis
- Protein Structure Prediction

Important Notes:

- (i) Maximum seats: 30 nos. on first come first serve basis.*
- (ii) Target group: College/University teachers of Biological Science disciplines and Research Scholars)*
- (iii) Hands on Training session will be conducted on the above mentioned topics. Participants are required to bring their laptop computers for the hands on training. Necessary softwares etc. will be provided.*

How to reach Dibrugarh

Dibrugarh is well connected with different parts of the country by road, rail and air.

The National Highway 37 passes through the university campus and regular day and night bus services are available from Guwahati and other places of Assam.

Dibrugarh has two railway stations DBRT and DBRG where many trains ply on regular basis.

The Mohanbari airport (Dibrugarh) is situated at a distance of 19 KM from the university campus and regular flight services are available from Guwahati and Kolkata.

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Climate in Dibrugarh

The climate in Dibrugarh during April is expected to be pleasant.

Accommodation for the participants may be arranged on payment basis on prior request.