

**3 DAY'S WORKSHOP**  
On  
**"Application of  
Bioinformatics in Sequence  
Analysis, Evolutionary and  
Molecular modeling  
studies"**

(Training Program)  
29<sup>th</sup> – 31<sup>st</sup> January, 2019  
Sponsored by



DBT, Government of India  
New Delhi

Organized by



Bioinformatics Infrastructure Facility  
(BIFGU)  
Department of Zoology,  
Gauhati University, Guwahati- 781014

**GENERAL INFORMATION**

**Prerequisites:**

*Knowledge in Molecular biology and  
Basic knowledge in Bioinformatics*

**Registration Fees**

Students/Research Scholars: Rs. 1000/-  
Faculty : Rs. 1500/-

*Registration fees includes course work  
material and working lunch. Fees should be  
paid in cash during the registration period.  
No TA/DA will be paid to the participants*

**Number of participants: 20 (Twenty)**

*Participants will be selected on first come  
first serve basis*

**Accommodation**

*Participants should arrange their  
accommodation by themselves. Arrangements  
can be made subject to request and  
availability in the University Guest House on  
payment basis.*

**Contents**

- Basics of Bioinformatics
- Biological sequence analysis
- Phylogenetic tree construction
- Protein Homology modeling
- Molecular docking and simulations
- Basics of Next Generation Sequencing

**REGISTRATION FORM**

Name: .....

Date of Birth.....Sex.....

Department/Institution.....

Address for communication.....

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Phone .....

Fax .....

Email.....

Educational qualification .....

Current position .....

Have you attended any training programme  
on Bioinformatics earlier?

(If yes, Please give details)

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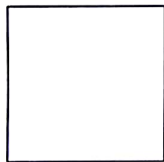
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Signature of the candidate

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Signature of the sponsoring authority



Application should be sent by  
post or email to:

**Prof. K. Dutta**  
Coordinator, BIFGU  
Zoology Department  
Gauhati University, Guwahati- 781014  
Phone: 9954207512  
Email: gauhatiuniv.btisnet@nic.in

Or

**Dr. Manas Das**  
Co-ordinator, BIFGU  
Zoology Department  
Gauhati University, Guwahati- 781014  
Email: manasdasne@gmail.com  
Phone: 9864827585

**Important Dates:**

**Release of Advertisement: 03/11/2018**

**Last date of receiving 15/12/2019**

**Application:**

*Selected candidates will be informed by  
email/phone*

**About the Centre:**

The Department of  
Biotechnology, Ministry of Science  
& Technology, Govt. of India has  
sponsored the Bioinformatics  
Infrastructure Facility (BIF) of  
Gauhati University, Guwahati. The  
Centre has procured the necessary  
components prescribed by the DBT.  
This Centre had been developed  
under the programme BTIS net by  
Department of Biotechnology  
(DBT), Govt. of India for the  
promotion of Biology Teaching  
through Bioinformatics (BTBI).

**Objectives:**

To generate awareness and provide  
hands on training related to  
biotechnology and bioinformatics  
tools and their application in life  
sciences/Biotechnology research.

**Level of participants:**

Faculty members of Life sciences,  
Zoology and Botany

**Methodologies:**

Lectures, demos and hands on  
session in dry lab.

TO  
Prof. K. Dutta  
Coordinator,  
Bioinformatics Infrastructure Facility (BIFGU)  
Zoology Department  
Gauhati University, Guwahati- 781014