



Azadi Ka  
Amrit Mahotsav

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# HANDS ON TRAINING ON BIOINFORMATICS TOOLS & TECHNIQUES

“B.Sc ZOOLOGY CBCS (HONS)  
COURSE CODE: ZOO-HE-5016”

(UNDER FACULTY DEVELOPMENT PROGRAMME)

**25<sup>th</sup> - 30<sup>th</sup> October, 2021**

**Organized by**



**BIOINFORMATICS CENTRE  
Zoology Department  
Gauhati University  
Guwahati- 781014,  
Assam, India**

## REGISTRATION FORM

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BIOINFORMATICS TOOLS &  
TECHNIQUES**  
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CODE: ZOO-HE-5016”  
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**25<sup>th</sup> -30<sup>th</sup> October, 2021**

Name (Dr./Mr./Ms): \_\_\_\_\_

Designation: \_\_\_\_\_

Department/Institute: \_\_\_\_\_

Date of joining in the present position: \_\_\_\_\_

Address for Correspondence: \_\_\_\_\_  
\_\_\_\_\_

Phone: \_\_\_\_\_

E-mail: \_\_\_\_\_

Are you COVID-19 double vaccinated? (Y/N): \_

Area of interest: \_\_\_\_\_

**\*Attach vaccination certificate alongwith**

Signature of the  
Candidate

Signature of the  
Head of Institution

## Background

The Department of Zoology was established in 1963. During the last 50 years, the Department has made all round progress and acquired a position among the leading departments of GU and other Universities of India.

The Department of Biotechnology, Ministry of Science & Technology, Govt of India has been pleased to set up Bioinformatics Infrastructure Facility (BIF) 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).

The Centre's facilities include dedicated lease line Internet connectivity from BSNL, DELL servers with DELL PCs with LINUX and Microsoft Windows operating system, and major Bioinformatics tools.

## Objectives

The objective of the training is to create awareness towards application of Bioinformatics tools among Research scholars and college teachers in biological sciences.

## Course Contents of the Training Course

Bioinformatics overview, Biological Databases & information retrieval, Concepts of Sequence Alignment, Visualization Softwares, PCR Primer Designing, Sequence Submission Tools and UG & CBCS Bioinformatics syllabus for Zoology.

## Faculty

Faculty for the Training Course will include eminent guest speakers from Gauhati University and neighbouring institutions working in the field of Bioinformatics, Biotechnology, Molecular Biology and Structural Biology.

## Methodology

Lectures, Demos and Hands on Session.

## Level of participants

College Teachers

## Prerequisites

Basic knowledge of Computer and Molecular Biology.

## Number of participants

Number of participants will be restricted to 15.

*\*Selection will be based on first cum first serve basis. Preferences will be given to participants who have joined their academic position within last five years .*

## Accommodation

Participants are requested to arrange their own accommodation.

**Registration Fee:** Rs. 4000/-

## How to apply?

Applicants may submit their duly filled in registration forms to the following Emails

- [manasdasne@gauhati.ac.in](mailto:manasdasne@gauhati.ac.in)

**\*\*COVID-19 double vaccinated candidate will only be permitted to join the workshop**



### *Important Dates*

**Release of advertisement:** 05-10-2021

**Application Deadline:** 21-10-2021

**Selected candidates will be informed by  
October 23, 2021**

### *Venue*

Bioinformatics Centre  
Department of Zoology  
Gauhati University, Guwahati-781014

### *Coordinator*

**Prof (Dr.) Jogen Ch. Kalita,  
HoD. Department of Zoology,  
Gauhati University, Guwahati-781014,  
Assam, India**

**☎ 91-9435083554**

### *Co-Coordinator*

**Dr. Manas Das  
Asst. Prof., Department of Zoology,  
Gauhati University, Guwahati-781014**

**☎ 91-9864827589**