

BTISnet Training Calendar 2009-2010
BIOINFORMATICS CENTRE (DBT-BIF)
GAUHATI UNIVERSITY
GUWAHATI – 781 014, ASSAM, INDIA

Training Code: [*BIFGU- 01*]

Title	: Training course on Application of Bioinformatics Tools in Biotechnology
Date	: March 25 th -27 th 2009
Duration (in number of days)	: 3 Days
Subject Area	: General Bioinformatics Training

OBJECTIVES: Exposure to various tools and techniques in Bioinformatics, Database development and languages.

CONTENTS : Introduction to Bioinformatics, Sequence search tools, Bioinformatics web resources& tools, Basics of Genomics& Proteomics, Emerging concepts of Biotechnology and Bioinformatics, PCR primer designing, Sequence analysis and phylogeny prediction.

METHODOLOGY : Lectures, Demos, Hands on Session and Workshop.

LEVEL OF PARTICIPANTS : M.Sc. students in Biological Sciences.

PREREQUISITES : Basic knowledge of computer.

NUMBER OF PARTICIPANTS : 15

EXPECTED DATE OF ANNOUNCEMENT : Last week of February 2009.

Boarding & lodging arrangements etc. : Boarding and lodging are to be borne by the participants.

REGISTRATION FEE	Without Accommodation	With Accommodation
India SAARC Other Countries	Rs. 500/-	N/A

<u>Contact Address :</u>	
<i>Dr. D.K. Sharma, Coordinator- BIF-GU,</i> Department of Zoology, Gauhati University, Guwahati-781014, Assam, India	
Phone :	91-0361-2700294
Fax :	91-0361-2700294
E-mail :	<i>gauhatiuniv.btisnet@nic.in</i>
Web –Address:	<i>www.gauhati.ac.in</i>

Training Code: [*BIFGU- 02*]

Title	: Training course on Current trends in
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	bioinformatics teaching & research
Date	: April 7 th -9 th 2009
Duration (in number of days)	: 3 Days
Subject Area (As per List enclosed)	: Bioinformatics, Computational Biology, database & data mining

OBJECTIVES: To create awareness towards application of bioinformatics among college/university teachers in biological sciences.

CONTENTS: Bioinformatics overview, Biological Databases & information retrieval, visualization softwares, PCR primer designing, Biostatistics, Genomics & Proteomics.

METHODOLOGY : Lectures, Demos, Hands on Session and seminar.

LEVEL OF PARTICIPANTS : College/ University Teachers.

PREREQUISITES : Basics knowledge of modern biology and computers.

NUMBER OF PARTICIPANTS : 15

EXPECTED DATE OF ANNOUNCEMENT : Second week of March 2009

Boarding & lodging arrangements etc. : Boarding and lodging are to be borne by the participants.

REGISTRATION FEE	Without Accommodation	With Accommodation
India SAARC Other Countries	Rs. 600/-	N/A

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Training Code: [BIFGU- 03]

Title	: Biological Database Creation with Emphasis on Biodiversity& Conservation
Date	: June 28 th - 30 th 2009
Duration (in number of days)	: 2 Days

Subject Area (As per List : Bioinformatics with respect to Environment & Biodiversity enclosed)

OBJECTIVES: To empower the teachers, researchers and students for organizing biodiversity database, its management and interlinking on the web.

CONTENTS: Database creation, management, storage and retrieval, Application of softwares in Database management with special reference on biodiversity.

METHODOLOGY : Lectures, Demos, Hands on Session and Workshop.

LEVEL OF PARTICIPANTS : Faculty, Research Scholars and students of Life Sciences.

PREREQUISITES : Knowledge of biodiversity and computer operation.

NUMBER OF PARTICIPANTS : 15

EXPECTED DATE OF ANNOUNCEMENT : Second week of May 2009

Boarding & lodging arrangements etc. : Boarding and lodging are to be borne by the participants.

REGISTRATION FEE	Without Accommodation	With Accommodation
India SAARC Other Countries	Rs. 600/-	N/A

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Training Code: [BIFGU- 04]

Title	: Bioinformatics: Recent Trends in Biological sequence analysis
Date	: November 15 th -16 th 2009
Duration (in number of days)	: 2 Days
Subject Area (As per List enclosed)	: Genome and Proteome Analysis

OBJECTIVES :To make participants aware how to subject a DNA or a poly-peptide sequence to sequence alignment, sequence databases, Sequence similarity searches and other Bioinformatics methods on computer.

CONTENTS : Biological sequence analysis, Molecular Simulations

METHODOLOGY : Lectures, Demos and Hands on Session.

LEVEL OF PARTICIPANTS : B.Sc., M.Sc. and Ph.D. students of Life Sciences.

PREREQUISITES : Basic knowledge of computers.

NUMBER OF PARTICIPANTS : 15

EXPECTED DATE OF ANNOUNCEMENT : Last week of September 2009.

Boarding & lodging arrangements etc. : Boarding and lodging are to be borne by the participants.

REGISTRATION FEE	Without Accommodation	With Accommodation
India SAARC Other Countries	Rs. 500/-	N/A

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Training Code: [BIFGU- 05]

Title	: National Workshop on Bioinformatics in Aquaculture & Wildlife research
Date	: January 21 st -23 rd , 2010
Duration (in number of days)	: 3 Days
Subject Area (As per List enclosed)	: Bioinformatics with respect to Animal/ Aqua Sciences

OBJECTIVES :

CONTENTS :

METHODOLOGY : Lectures, Demos, Hands on Session, Workshop and Seminar.

LEVEL OF PARTICIPANTS : Scientists, Faculty, Research Scholars and students of Life Sciences.
PREREQUISITES : Basics of Life Sciences.
NUMBER OF PARTICIPANTS : 20
EXPECTED DATE OF ANNOUNCEMENT : Last week of November 2009.

Boarding & lodging arrangements etc. : Boarding and lodging are to be borne by the participants.

REGISTRATION FEE	Without Accommodation	With Accommodation
India SAARC Other Countries	Rs. 1000/-	N/A

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