



WORKSHOP ON BIOINFORMATICS- TOOLS AND TECHNIQUES

28th June – 5th July, 2019

Organized by
Bioinformatics Centre, Department of Biotechnology
St. Edmund's College, Shillong

Sponsored by
Department of Biotechnology, Govt. of India

Intake Capacity
20 (Twenty)

ABOUT THE INSTITUTE

St. Edmund's College was established on 24th May, 1923 by the Christian Brothers of India with its headquarters in New Delhi. Since its inception, St. Edmund's College has been a centre for excellence in higher education catering to the need of the academia from various parts of the country and abroad. It is also among the 26 colleges in India to receive STAR STATUS Award.

ABOUT THE DEPARTMENT

The Department of Biotechnology at St. Edmund's College, Shillong was established on 5th June, 2006 by Prof. Pramod Tandon, CEO, Biotech Park and former Vice Chancellor, NEHU. The department is strongly engaged in nurturing UG students through its various programmes and aims at motivating students to pursue research careers in Bioscience. The department is well supported by Bioinformatics facility & Advanced Level Biotech hub, Star Status Scheme funded by Department of Biotechnology, Govt. of India.

BIOINFORMATICS CENTRE

The Bioinformatics Facility of St. Edmund's College was established in the year 2008. The facility was initiated with the aim of providing support to students, research scholars and faculties in areas of biocomputational analyses. The centre has also been extensively engaged in training students and others and has a well-equipped computational lab facility.

HOW TO REACH

Shillong is well connected from Guwahati via buses and tourist taxis. Till Guwahati, you can reach via rail and by air. The nearest railway station is Guwahati and the nearest airport is Lokpriya Gopinath Bordoloi International Airport, Guwahati (Assam).

ABOUT THE WORKSHOP

Bioinformatics is an interdisciplinary field. It can be regarded as a connection that merges the field of biology with that of computer science, mathematics and statistics. In today's era of omics- Genomics, Proteomics and Metabolomics the application of data analysis using bioinformatics has become a basic necessity for scientific community and in this context the present workshop is designed at imparting hands-on training on various tools & resources for data driven computational analysis.

REGISTRATION/COURSE FEE

Registration fee of ₹ 500/- (Five hundred only) payable at the venue on the day of the registration.

Registration fees includes workshop kit, working lunch & tea.

Outside participants are to arrange their own accommodation.

COURSE CONTENTS

Concept of Biological Databases, Datamining & eResources, Analytical tools for deciphering biological datasets, Sequence Submission & analysis, Phylogenetics, Homology Modelling & Molecular Docking and Introduction to C- programming.

How To Apply

Interested candidates may apply online at the link:
<https://forms.gle/dEqqgK8PV1QcwFRJA>

Last date of Registration online is
25th June, 2019

Organizing Committee

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St. Edmund's College

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St. Edmund's College

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Dept. of Biotechnology, St. Edmund's College

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Ms. Ninni Suthradhar,
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Dr. Devendra Biswal,
Coordinator, Bioinformatics Centre (DIC), NEHU,

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For Details

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