

BACKGROUND: Bioinformatics is an interdisciplinary field that develops methods and software tools for understanding biological data. As an interdisciplinary field of science, bioinformatics combines computer science, statistics, mathematics, and engineering to analyze and interpret biological data. In the field of genetics and genomics, it aids in sequencing and annotating genomes and their observed mutations. It plays a role in the text mining of biological literature and the development of biological and gene ontologies to organize and query biological data. It also helps in analysis of gene - protein expression and regulation. Bioinformatics tools aid in the comparison of genetic and genomic data and more specifically understanding of molecular evolution.

ABOUT CSRTI: Central Sericultural Research and Training Institute (CSRTI), Mysuru was established under aegis of Central Silk Board, (CSB) Ministry of Textiles, Govt. of India. It was started in 1962. Today the Institute has grown up into a full-fledged center of excellence in sericulture research with all modern facilities and infrastructure. Over the decades, the Institute has gained National and International repute in the field of mulberry sericulture research, training and development. It has been recognized as International Centre for Research and Training in Tropical Sericulture.

BIOINFORMATICS CENTRE: The Bioinformatics Centre at CSRTI, Mysuru was established as a Sub-DIC of the BTISNet,

Department of Biotechnology, New Delhi in 1999 primarily to support the biotechnological research in sericulture in the country. A notable aspect of the center has been accessibility of the center to Scientists, Researchers, Teachers and students who are involved in research in the field of Sericulture, Seri-biotechnology and Seri-bioinformatics not only in the institute but also from other CSB research institutes and universities. The center has worked as a catalyst for bringing out the awareness in Bioinformatics among the students, scientists and researchers of various colleges, research institutes and biotechnology industries in and around the region thus contributing significantly for the Human Resource Development in the field of Biotechnology and Bioinformatics.

BTISNet: It was established with the main objective of building repository of biotechnological information generated in various laboratories spread across the country and to ensure the availability to the scientists across the globe in general and India in particular. To provide a national bioinformation network designed to bridge the inter-disciplinary gaps on biotechnology information and establish link among scientists in organisations involved in R&D and manufacturing activities in the country.

OBJECTIVES OF THE WORKSHOP: To train students and researchers in the current trends in the field of Bioinformatics. The programme covers the following areas:

Bioinformatics overview

Bioinformatics Tools and Techniques

Protein sequence and structure analysis

DNA Sequence analysis

Demo, Hands on Sessions

PARTICIPANTS: Students, Research Scholars and young faculty.

APPLICATION, FEE & INTAKE: The application of the participants may be sent to this office as early as possible.

Email: csrti.btisnet@nic.in

Phone: 0821-2362547 /9243552529

**Registration Fee: Students– 500,
Faculty-750**

* Participants are encouraged to bring their Laptops.

The fee may be paid by Cash or Demand Draft drawn in favour of **The Director, CSRTI, Mysuru.**

The total number of participants are restricted to 20 on first come first basis.

HOW TO REACH: Mysuru can be reached by rail and road from any part of the country. The ideal route to reach Mysuru is Via Bengaluru. The nearest airport is Bengaluru that is a mere 140km away. All domestic airlines are operating flights to and from Bengaluru to all major cities of the country.

ACCOMMODATION:

Accommodation (if required) for participants will be arranged in the hostel or Guest House on payment basis subject to the availability

Format of the Registration Form



1. Name :
2. Designation:
3. Gender :
4. Educational Qualifications:
5. Computer Knowledge:
6. Address for Communication:
7. Mobile No :
8. Email :
9. Accommodation:
10. Short write-up on how the workshop will help in your work /study
11. Payment of Registration fee: DD. No.____ dated_____ /cash

Signature of the applicant with date

For further details contact:
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Scientist - D
(Programme Coordinator)

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&
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Workshop on
“Bioinformatics and its Applications in Biological Research”
(25-26, March 2019)



Organized By

BIOINFORMATICS CENTRE
Central Sericulture Research & Training Institute
Central Silk Board
(Ministry of Textiles – Govt. of India)
Srirampura, Mysuru-570008, KARNATAKA.

Sponsored By

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