

## CHIEF PATRON

**Dr. D. Karthikeyan, IAS**

Convener, Vice-Chancellor Committee

## PATRONS

**Prof. Dr. F.X. Lovelina Little Flower**

Member, Vice Chancellor Committee

**Dr. C.A. Vasuki**

Member, Vice Chancellor Committee

**Prof. Dr. K. Murugavel**

Registrar (i/c)

## CONVENER

**Dr. N. Jeyakumar**

Professor and Head  
Department of Bioinformatics

## ORGANIZING SECRETARY

**Dr. C. Jayaprakash**

Assistant Professor  
Department of Bioinformatics

## Organizing Committee Members

Department of Bioinformatics, Bharathiar University

**Dr. P. Shanmughavel**

Professor

**Dr. S. Usha**

Assistant Professor

**Dr. N. Sundara Baalaji**

Assistant Professor

**Dr. V. Hemamalini**

Assistant Professor

## Contact Details

**Dr. C. Jayaprakash**

Assistant Professor

Organizing Secretary – AIB<sup>2</sup>

Department of Bioinformatics

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# MOTIF 2023

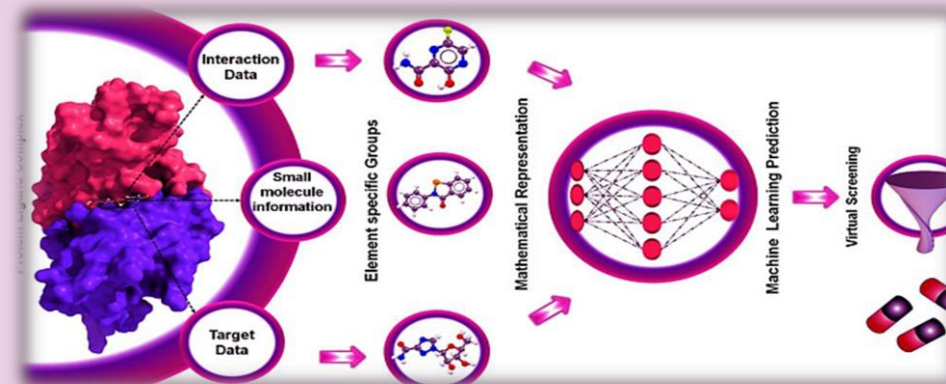


National Seminar on



Date  
**3<sup>rd</sup> Feb  
2023**

## AI and Bioinformatics for Biology



Organized by

**DEPARTMENT OF BIOINFORMATICS**

Bharathiar University, Coimbatore

Tamil Nadu, India

## ABOUT THE UNIVERSITY

The Bharathiar University was established at Coimbatore by the Government of Tamilnadu in February 1982 under the Bharathiar University Act, 1981 (Act 1 of 1982). The erstwhile Postgraduate Centre of the University of Madras formed the core of the Bharathiar University, which was functioning at Coimbatore before 1982. University Grants Commission (UGC) recognized Bharathiar University in 1985 for grants. Bharathiar University is marching towards becoming a World Class University by garnering ranking in the International arena. We stand at 14<sup>th</sup> rank under the category of University and 22<sup>nd</sup> among the top 100 institutions in the MoE's National Institute Ranking Framework's (NIRF) ranking.

## ABOUT THE DEPARTMENT

The postgraduate course in Bioinformatics commenced in Bharathiar University during 2001 for the first time in India. An interdisciplinary area at the intersection of biological, computer and information sciences necessary to manage, process and understand large amounts of data, for instance from the sequencing of the human genome. The Postgraduate students passed out from the department were easily absorbed in various research Institutions not only in India but also in Foreign Countries. Bioinformatics division was upgraded to the level of research and offers M. Phil., and PhD. courses from the academic year 2005.

## ABOUT THE SEMINAR

The seminar highlights the recent advances in multidisciplinary research on many topics including Artificial Intelligence, Big Data, Genomics, Proteomics, Structural Bioinformatics, Machine learning & deep learning, and applications of Bioinformatics in various research fields. This seminar will provide an incredible platform for the students and researchers to instill latest techniques and tools emerging in the field of biological sciences. This seminar is also to discuss about the various new concerns and developments in the different fields of life sciences.

## THEMATIC SESSION OF MOTIF 2023

- ❖ AI in Bioinformatics & Healthcare
- ❖ Omics Biology
- ❖ Structural Bioinformatics
- ❖ Disease Biology
- ❖ Cellular and Molecular Biology
- ❖ Maths & Statistical Applications
- ❖ Mining and Deep Learning
- ❖ Herbal Medicines and Drug Discovery
- ❖ Environmental Studies and Ecology
- ❖ Applications of Modern Biotechnology
- ❖ Plant Genomics and Microbial Studies
- ❖ Big Data & NGS Analysis

## IMPORTANT DATES

Registration Fees : Rs. 300/-  
Last Date for Registration and Receiving Abstract : 25.01.2023  
Intimation of Selected Oral / Poster : 28.01.2023

## INVITED SPEAKERS

### Dr. D. Velmurugan

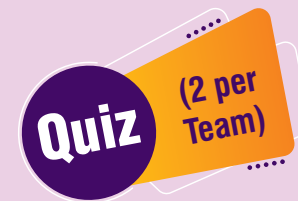
Director, Research and Developments Cell  
AMET University, Kanathur, Chennai  
(Former HOD, UGC-BSR Faculty & Honorary Emeritus  
Professor, CAS in Crystallography in Biophysics  
University of Madras, Guindy Campus, Chennai)

### Dr. Sucheta Tripathy

Senior Principal Scientist  
Structural Biology & Bioinformatics  
CSIR-Indian Institute of Chemical Biology, Kolkata

### Dr. Pallavi Somvanshi

Associate Professor  
School of Computational & Integrative Sciences (SC&IS)  
Jawaharlal Nehru University, New Delhi



## STUDENTS CORNER

Participants are invited to submit the abstracts in the themes mentioned for oral/poster presentation. The scientific committee will decide the suitable paper for oral/poster presentation. Each oral presentation is restricted to 10 minutes including discussion. Poster size should be 4 feet height\*3 feet width.

Best oral or poster presentations made during the conference will be awarded during the valedictory function.

## ACCOMMODATION

Requests for accommodation assistance should be made to the Organizing Secretary. First come first preference accommodation at University Guest House (Rs. 500 / day).

## MODE OF PAYMENT

Registration fee should be paid through NEFT/UPI/IMPS/RTGS/Demand Draft (DD) drawn in the favor of **"The Organizing Secretary-MOTIF 2023"** payable at Coimbatore which should be reaching us on or before 25.01.2023.

## ACCOUNT DETAILS

Account No. : 822610210000053  
IFSC code : BKID0008226  
Account Name : MOTIF 2023, Department of Bioinformatics  
Bank Name : Bank of India, Bharathiar University Branch, Coimbatore