



# HINDUSTAN

INSTITUTE OF TECHNOLOGY & SCIENCE  
(DEEMED TO BE UNIVERSITY)

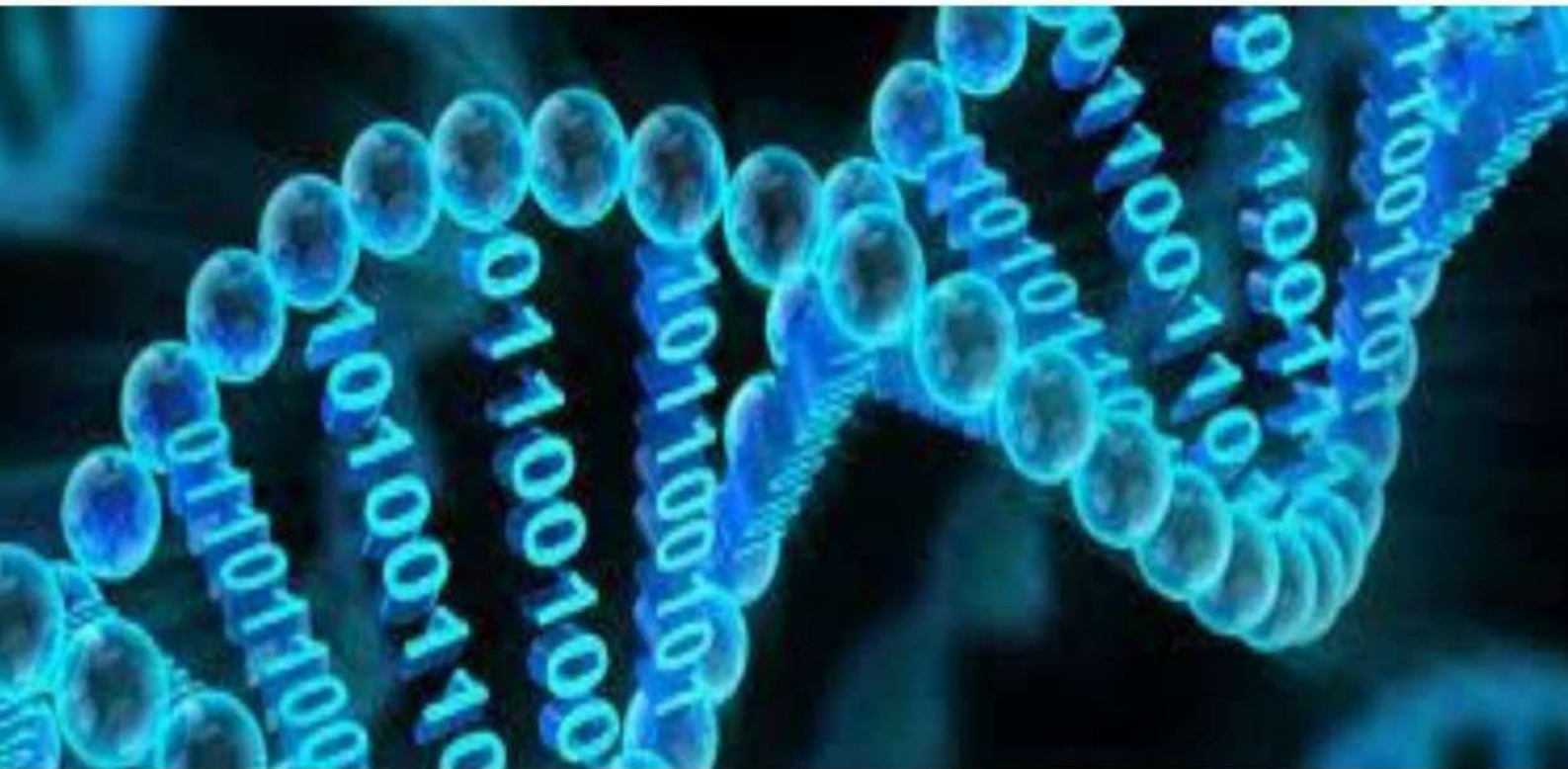
**DEPARTMENT OF BIOTECHNOLOGY**

*Cordially invites you to the*

**WORKSHOP ON**

**TECHNIQUES IN COMPUTATIONAL  
BIOLOGY AND ITS APPLICATIONS**

(Hybrid Mode)



10 and 11 January 2024

## ABOUT THE INSTITUTION

Hindustan Institute of Technology and Science (HITS) is a prestigious Institution accredited with "A" grade by NAAC, Govt. of India. QS, the reputed International Ranking Agency has awarded an overall rating of three star to the University. HITS has a cosmopolitan ambience with high calibre and learned faculty, who are thought leaders, consultants, technology implementers and inventors. The Institution is driven by the virtuous vision of the founder Chairman, Late Dr. K.C.G. Verghese, "To Make Every Man a Success and No Man a Failure" and is devoted to the excellence in Research, Teaching and Learning. HITS focuses on Internationalization, which has led to long standing academic collaboration and MoU's with renowned partner Institutions and global organizations. The Institution has been consistently ranked among the best Institutions in the country, which aspires to emerge into Global Educational Institution.

## ABOUT THE DEPARTMENT

The Department of Biotechnology was established in the year 2013 and offers B.Tech in Biotechnology and Doctoral Degree programme in several allied disciplines. The Department is multi-disciplinary with faculty expertise ranging from Biochemistry, Cell and Molecular Biotechnology, Nanotechnology and Environmental Engineering. The Department has well established laboratories along with good infrastructure facilities to carry out research. The Department has a strong desire of forging innovative alliance with industries to achieve academic excellence along with updated training on current professional practices. The Department offers technical expertise for problem solving through institute-industry interaction. The Department also organizes conferences, symposiums, and workshops every year.

## ABOUT THE WORKSHOP

This two-day workshop is structured to provide a holistic overview and understanding of various techniques and tools used in computational biology, focusing on some of the most important areas like drug discovery, prediction and analysis of genomic structures, multiple sequence alignments, modelling and molecular designing etc. The program also features the live lab demonstrations on various bioinformatics tools and databases for computational bioimaging, data visualization and next generation sequencing along with the theoretical concepts for in-depth process know-how. This workshop platform will play a key role in bringing together the brightest and inquisitive minds from academia, industry, and other sectors to exchange cutting-edge discoveries and inspiring ideas, as well as to catalyze innovative cross-disciplinary connections on current molecular research and development for therapy and diagnostics.

### SPEAKER DETAILS

#### Mr. Sathish Kumar Srinivasan,

Senior Manager, Data Science and Statistics  
AmerisourceBergen Corporation, USA.

#### Dr. Mukesh Doble

Emeritus Professor, Department of Biotechnology  
IIT Madras, Chennai

#### Dr. Rama Vaidyanathan

Principal Director, (R & D)  
Dr.MGR Educational and Research Institute, Chennai.

#### Dr. Dicky Jones,

Associate Prof., Department of Bioinformatics,  
Sri Ramchandra Institute of Higher Education  
and Research, (SRMC), Chennai.

#### Dr. Pushpamitra Panigrahi,

Professor and Scientist - F, Clean Energy and CENCON,  
Hindustan Institute of Technology and Science (HITS),  
Chennai.

### REGISTRATION DETAILS

PARTICIPANTS	FEES
Students and Research Scholars	Rs. 2500
Faculty	Rs. 3000

### PAYMENT DETAILS

Account Number :	255402000000001
Beneficiary Name :	Hindustan Institute of Technology and Science
IFSC Code :	IOBA0002554
Bank :	Indian Overseas Bank
Branch :	Padur

### CHIEF PATRONS

Dr. Elizabeth Verghese, Founder Chancellor, HITS  
Dr. Anand Jacob Verghese, Chancellor, HITS  
Mr. Ashok Verghese, Pro-Chancellor, HITS

### PATRONS

Dr. Aby Sam, Executive Director, HITS  
Dr. S.N. Sridhara, Vice Chancellor, HITS  
Dr. Alexander Jesudasan, Pro-Vice Chancellor, HITS

### ADVISORY COMMITTEE

Dr. Muthukumar Subramanian, Registrar, HITS  
Dr. Angelina Geetha, Dean (E&T), HITS  
Dr. J. M. Mathana, Dean Research, HITS

### CONVENER

Dr. J. SAKTHIDASAN  
HoD, Department of Biotechnology, HITS

### CO-CONVENERS

Dr. J. Sandhya, Assistant Professor (S.G)  
Ms. Lakshmi Sundeeep, Assistant Professor (S.G)  
Mr. Vijay Samuel G, Assistant Professor (S.G)

### ELIGIBLE PARTICIPANTS

Students, Research Scholars, Faculty of  
Engineering and Mathematical Science.

### REGISTRATION LINK

[https://docs.google.com/forms/d/e/1FAIpQLScRc-RYq3aRxpitUFsM3VcHWfEdXezdR4Xsr0phWvuT2T9kww/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLScRc-RYq3aRxpitUFsM3VcHWfEdXezdR4Xsr0phWvuT2T9kww/viewform?usp=sf_link)

### CONTACT DETAILS

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