

National Symposium on “Emerging Trends in Computational Biology”

Bridging Academia & Industry



Organized by:

Department of Life Sciences,
S K Somaiya College,
Somaiya Vidyavihar University,
Mumbai, Maharashtra.



28th June 2024



9:00am to 5:00pm



Somaiya Vidyavihar
University,
Mumbai,
Maharashtra.

Concept Note:

In the past two decades, generation of large-scale genomic data led to development of competencies in the interdisciplinary field of computational biology. While the first decade was largely dedicated to building resources and tools to manage and understand the vast biological data, the past decade has seen emergence of application-oriented research solutions for healthcare, agriculture, predictive population modelling, drug discovery and other related areas. Besides, in the last few years, a substantial number of Bioinformatics based start-ups have also come up, in India, offering custom solutions to both academia and industry. The rising demand for competencies in the field of bioinformatics needs to be met with a congruent academic input for developing research forward skilled manpower. In this regard, we aim to bring together various stakeholders; leading academic minds in the field, some industry experts, students and faculty to discuss the emerging trends in computational biology in India, foster collaborations and gain insights for enhancing research and academic competencies.

Event Plan:

The meet has been planned as a one-day event which will include:

1. Seminars by Scientists working in different aspects of Bioinformatics in India
2. Sessions by Industry experts and Startup entrepreneurs in Bioinformatics
3. Poster session by students (open to all colleges at the national level)- The poster session will be judged by the guest speakers and in-house faculty members.
4. Panel discussion: All stakeholders: academia, Industry, students and teachers

S K Somaiya College

Dr. Shantilal Karamsibhai Somaiya College is a constituent college of Somaiya Vidyavihar University, founded in 2019. It boasts a future-ready, sprawling campus and world-class learning infrastructure with a 360-degree career transformational set-up. The college offers students from diverse backgrounds the widest possible scope and opportunity for academic exploration, all-round growth, and a platform to display their varied skill sets and dormant talents. It provides diverse undergraduate and postgraduate programs curated and developed by a large number of eminent teachers and industry experts serving on the statutory academic bodies of the College in Commerce, Management, Humanities, Social Science, Science & Technology fields. Additionally, it offers flexibility to complement a Major with a Minor degree and develop advanced theoretical and research skills in the honours program. All of this aims at giving an extra edge to students to display their varied skill sets and talents upon embarking on a career in a competitive corporate market and nurturing qualities such as leadership, discipline, organizational capability, managing skills, social responsibility, and environmental sensitivity.

Department of Life Sciences, S K Somaiya College

The Department of Life Sciences at S K Somaiya College is a vibrant and innovative hub equipped with state-of-the-art laboratories and teaching infrastructure. The department houses competent and enthusiastic faculty committed to advancing the frontiers of applied biological sciences and nurturing the next generation of students to promote excellence in research and teaching. Our department offers a comprehensive range of academic programs designed to cater to the diverse interests and career aspirations of our students. These include B.Sc. Biotechnology (Hon), M.Sc. in Biotechnology/Industrial Biotechnology/Nutraceuticals/Chemical Biology and Drug Design, and Ph.D. in Biotechnology and Nutraceuticals. Our academic programs are crafted to provide hands-on experiences to students, ensuring their preparedness for careers in academia, industry, and research institutions. We maintain strong collaborations with leading biotechnology companies, research institutes, and government agencies.

Eminent Speakers & Panelists



Prof B. Jayaram
Emeritus Professor, SCFBIO-IIT-Delhi



Dr Himanshu Sinha
IIT-M, Chennai



Dr Shireesh Srivastava
ICGEB, New Delhi



Dr Kakoli Bose
ACTREC, Khargar, Navi Mumbai



Dr Vishal Mevada
School of Forensic Science,
National Forensic Sciences,
University, Gandhinagar



Dr Sudip Roy
Prescience Insilico Pvt. Ltd.
Bangalore

Patrons

Shri Samir Somaiya

Chancellor, Somaiya Vidyavihar University

Prof V N Rajasekharan Pillai

Vice Chancellor, Somaiya Vidyavihar University

Prof S Sivaram

Dean, Somaiya Vidyavihar University, Mumbai Honorary Professor
and INSA Senior Scientist, IISER, Pune

CA Monica Lodha

Director, S K Somaiya College, Somaiya
Vidyavihar University

Event Convenor

Dr Seema Sambrani

Associate Professor and Head,
Department of Life Sciences, Somaiya Vidyavihar University

Event Co-Convenor

Dr Deepti Gupta

Associate Professor, Department of Life Sciences,
Somaiya Vidyavihar University

Organizing Team

Mr Amit Jethwa

Dr Jacinta George

Dr Sagar Shah

Dr Shruti Kakodkar

Mr Jayesh Bhagat

Dr Sharon Mathew

Dr Nidhi Maheshwari

Dr Preeti Jain

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Registration Fees (in INR)

Faculty/Academics	750/-
Industry Delegates	1000/-
UG and PG students	300/-

Last date of Registration

10th June 2024

Registration Link

[Symposium Registration Link](#)

Poster Presentation

- Poster size : Vertical orientation - 3ft x 4ft (width x height)
- Last date of submission of abstract: 10th June 2024.
- Abstract submission details: Word Limit (200), Font: Times New Roman, Size:12, Name of the authors and corresponding author, Affiliations of the Authors with email address, Keywords (max. six).

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Somaiya Vidyavihar University

Established in 2019, Somaiya Vidyavihar University, Mumbai, is a self-financed university recognized by the University Grants Commission (UGC) and sponsored by Somaiya Trust. Somaiya Vidyavihar University has established itself as a leading educational institution across the globe. It is proudly the first private university in Mumbai. Keeping up with our education standards, we have opened up an array of options for the students to choose from. The leaders of Somaiya University have designed every aspect of the University with international educational demand in mind. It is global in the reach of its ideas and universal in its service.



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