



SRI SATHYA SAI INSTITUTE OF HIGHER LEARNING

(Deemed to be University)

In Collaboration With

**PARAM HANSA CENTRE FOR COMPUTATIONAL
ONCOLOGY (PHCCO), IISC BANGALORE**

Presents

A Two Day

**Workshop on Computational
Oncology:**

**Decoding Cancer Dynamics using
Omics,
Imaging and Machine Learning**

28 – 29 August, 2026

**Venue – Prasanthi Nilayam Campus,
SSSIHL**

Coordinated by

**Centre for Excellence
in
Mathematical Biology (CEMB),
SSSIHL**



About the Workshop



The centre for Excellence in Mathematical Biology (CEMB), SSSIHL, Puttaparthi, in collaboration with the Param Hansa Centre for Computational Oncology (PHCCO), IISc Bangalore will be conducting the “Workshop on Computational Oncology: Decoding cancer dynamics using omics, imaging and machine learning” that brings together researchers in academia, industry and students working in computational and experimental cancer biology. Sessions in the workshop will be focused on diverse aspects of current research in cancer biology such as dynamical models, AI/ML and omics approaches that have deepened our understanding of cancer progression leading to novel therapeutic advances. Besides, the poster session and panel discussion with eminent scientists provides great opportunity for Bachelors/Masters/PhD students across disciplines to learn about computational oncology.

Who can Attend?

Students pursuing UG, PG, Ph.D. and Post Doctorate programs with a background in any science stream are invited to attend.



Faculty and Industry Professionals in early career are also encouraged to apply.

REGISTER HERE



On or before 15th August 2026

SCHEDULE



Speakers

Dr. Mohit Kumar Jolly, IISc

**Dr. Monika Sharma, Plaksha
University**

**Prof. Radhika Nair, Centre for
Human Genomics**

Dr. Pankaj Yadav, IIT Jodhpur

Dr. Sai Pradeep V.G., TCS Research

Dr. Aditya Rao, TCS Research

**Dr. Divya P. Kumar, JSS Medical
college**

Dr. D. K. K. Vamsi, SSSIHL

Prof. Vijayalakshmi Mahadevan, IBAB

Dr. Neha Arya, AIIMS Bhopal

**Prof. B.V. Rathish Kumar, IIT
Kanpur**

Chief Patrons

- Prof. B. Raghavendra Prasad, Vice-Chancellor, SSSIHL
- Prof. Srikanth Khanna, Registrar, SSSIHL

Convenors

- Dr. D.K.K. Vamsi, CEMB, SSSIHL
- Dr. Mohit Kumar Jolly, Department of Bioengineering, IISc

Local Organising Committee

- Prof. N. Srividya, Dean of Sciences
- Prof. Gowrishankar R, Director, PSN Campus
- Prof. N. Uday Kiran, Head, Department of Mathematics and Computer Science
- Prof. S. Venketesh, Head, Department of Biosciences
- Dr. Kurma Rao Tyada, Department of Mathematics and Computer Science
- Dr. Santanu Bhattacharya, Department of Mathematics and Computer Science
- Mr. C. Uday Kiran, Department of Mathematics and Computer Science
- Dr. K. N. Naresh, Department of Biosciences
- Dr. R. Sai Swaroop, Department of Biosciences
- Mr. R. E. V. Raghuram, Deputy Manager (Technical)

How To Reach

Nearest Airport: Bangalore (~130 km, ~2.5 hours)

Nearest Railway Station: Sri Sathya Sai Prasanthi Nilayam (SSPN, ~8 km)

“End of Education is Character”

- SRI SATHYA SAI BABA
FOUNDER CHANCELLOR, SSSIHL

ABOUT SSSIHL

Founded in 1981, Sri Sathya Sai Institute of Higher Learning (Deemed to be University), Prasanthi Nilayam, Andhra Pradesh, India, is a visible manifestation of our Founder Chancellor Bhagawan Sri Sathya Sai Baba's vision of "Education for Human Transformation" providing merit based quality education, free for all students irrespective of income, religion, or region.

The Institute hosts students from across the country for its undergraduate, postgraduate, professional, and research programmes across its four campuses located in the states of Andhra Pradesh and Karnataka, in India.

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Param Hansa Centre for Computational Oncology (PHCCO), IISc Bangalore

The Param Hansa Centre for Computational Oncology (PHCCO) will foster research in predictive and quantitative mathematical models of cancer progression, metastasis, and tumor relapse, to identify the underlying fundamental dynamics of these multi-scale processes and to eventually improve patient outcomes in the clinic. The Centre aims to nurture an active community of future leaders in computational oncology in India, through inter-institutional, cross-disciplinary collaborations among researchers in academia, medicine, and industry.

Centre for Excellence in Mathematical Biology (CEMB), SSSIHL

CEMB aims to empower society through Mathematical Innovation, and pioneering solutions for public well-being. Our vision is to harness the power of mathematical modeling and analysis towards actionable solutions that significantly impact society. We are committed to translating our scientific knowledge into practical applications, striving to benefit our fellow beings. Our goal is clear: to lead the way in leveraging mathematical research to drive positive change for the betterment of communities, promoting a brighter, more prosperous future for all.