



Workshop on Computational Oncology: Integrating experiments and computational models

December 17-18, 2024
(WoCON-2024)

Hosted by the Indian Institute of Technology (Banaras Hindu University) Varanasi, organized in collaboration with
The Param Hansa Centre for Computational Oncology (PHCCO), Indian Institute of Science (IISc), Bengaluru

PATRON



Prof. Amit Patra
Director,
IIT (BHU) Varanasi

CONVENERS



Dr. Sanjeev Kumar Mahto
School of Biomedical Engineering,
IIT (BHU) Varanasi



Dr. Brijesh Kumar
School of Biomedical Engineering,
IIT (BHU) Varanasi



Dr. Gowri Balachander
School of Biomedical Engineering,
IIT (BHU) Varanasi



Dr. Mohit Kumar Jolly
Department of Bioengineering,
IISc Bengaluru

IMPORTANT DATES

Application portal opens	: 23rd September, 2024
Deadline for application	: 23rd October, 2024
Notification of Acceptance	: 15th November, 2024
Registration Payment Closes	: 1st December, 2024
Workshop begins	: 17th December, 2024
Workshop ends	: 18th December, 2024

FEE STRUCTURE (including GST)

Students.....	INR 3,000
Postdoc/Faculty.....	INR 5,000
Clinicians/Industry.....	INR 8,500

ABOUT THE INSTITUTE

The Indian Institute of technology (Banaras Hindu University), Varanasi is situated in the magnificent campus of Banaras Hindu University at the southern end of the ancient city of Varanasi on the banks of the holy river Ganga. The institute aspires to be a harbinger of modern interdisciplinary technological advancement in the country and at a forefront of imparting quality education by use a innovation pedagogy culminating traditional with contemporary methods.

The Param Hansa Centre for Computational Oncology (PHCCO) at IISc Bengaluru fosters research in predictive and quantitative mathematical models of cancer progression, metastasis, and tumour relapse, to identify the underlying fundamental dynamics of these multi-scale processes, and eventually to improve patient outcomes in the clinic. It aims to seed and 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.

ABOUT THE WORKSHOP

This workshop aims to introduce Bachelors/Masters/PhD students across disciplines to different aspects of computational, experimental and clinical oncology that can impact our understanding of cancer progression and suggest emerging novel therapeutic advances.

Workshop on Computational Oncology (WoCON) -2024 will be held in IIT (BHU). This is an interdisciplinary event focusing on large-scale data analysis in cancer biology. WoCON-2024 is designed to bring together leading researchers in bioinformatics, computational, experimental and clinical biology to discuss emerging frontiers in cancer research, and to foster new collaborations among the interdisciplinary biologists in India. WoCON-2024 is a two day event, having speakers with diverse backgrounds and expertise, aims to provide the audience with a broader range of perspectives. This diversity of thought can enrich the event experience and offer unique insights. Poster presentations are also opened to researchers and students. Posters will be selected by a scientific board composed of interdisciplinary researchers from IIT (BHU) Varanasi and IISc Bengaluru. This event will be conducive for informal exchanges between participants, to encourage scientific discussions and foster new collaboration.

RESEARCH TALKS
POSTER PRESENTATIONS
PANEL DISCUSSION

APPLY HERE

- Application Form Link:
<https://forms.gle/KKqrK2aGQMstrwcq7>
- Payment Link:
Payment details will be provided after acceptance of abstract

INVITED SPEAKERS

Dr. Sunaina Banerjee
Yokogawa Technology Solutions India Pvt Ltd, Bangalore

Dr. Ashutosh Srivastava
Biological Sciences and Engineering, IIT Gandhinagar

Dr. Aditya Padhi
School of Biochemical Engineering, IIT (BHU) Varanasi

Prof. Akhilesh Kumar Singh
Department of Oral and Maxillofacial Surgery, IMS BHU Varanasi

Prof. Ritu Gupta
Laboratory Oncology Unit, AIIMS New Delhi

Dr. Rajnish Kumar
Department of Pharmaceutical Engineering & Technology, IIT (BHU) Varanasi

Dr. Rakesh Pandey
Dept. of Bioinformatics, BHU, Varanasi

Dr. Gowri Balachander
School of Biomedical Engineering, IIT (BHU) Varanasi

Dr. Brijesh Kumar
School of Biomedical Engineering, IIT (BHU) Varanasi

Prof. Neeraj Sharma
School of Biomedical Engineering, IIT (BHU) Varanasi

Dr. Mohit Kumar Jolly
Department of Bioengineering, IISc Bengaluru

Prof. Kartiki Desai
NIBMG Kolkata

Dr. Prasun Kumar Roy
Shiv Nadar Institution of Eminence Deemed to be University, Noida

Dr. Sumanta Mukherjee
Research Scientist, IBM Bengaluru

Dr. Jairam Meena
Department of Pharmaceutical Engineering & Technology, IIT (BHU) Varanasi

Dr. Hem Chandra Jha
The Department of Biosciences and Biomedical Engineering, IIT Indore

Link to Website

