ORGANIZING TEAM

Patron and Advisor
Prof. Pramod K Jain, Director, IIT BHU

Chairman
Prof. Rajiv Prakash, Dean (R&D) IIT BHU

Organizing Secretary
Prof. Vikash Kumar Dubey
School of Biochemical Engineering
IIT (BHU) Varanasi

Organizing Committee
Prof. P.K Roy; Dr. R. K Singh; Dr. N.S. Rajput; Dr. Pranjal Chandra, Dr. Ashish K Singh, Dr Rajesh Kumar Upadhyay

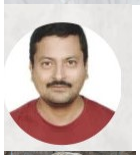
NM-ICPS and IDAPT

The National Mission on Cyber-Physical Systems (NM-ICPS) is identified as one such emerging field to have a significant impact on health care, urban transportation, water distribution, energy, urban air quality, manufacturing and governance. The activities envisioned under this Mission will give a impetus to Indian manufacturing via the invention of new products, services and the creation of skilled young human resource from technicians to, researchers and entrepreneurs. It will have modernisation and digitalisation of socio-technical systems and services. The Interdisciplinary Data Analytics and Predictive Technologies (IDAPT) has been regarded as one of the most prominent fields whose progress will add significant impact on various socio-economic issues. At IIT (BHU) five verticals 1)Telecommunications, 2) Power, 3)Road Transport and Highways, 4) Defence Research and Development, and 5) Health and Family Welfare have been identified under IDAPT. The endeavour shall catalyse the creation of skilled young engineers, researchers, technicians, and entrepreneurs, together with human resource at all levels, besides becoming a key contributor to realizing the vision of "Digital India", "Innovate in India", and "Make in India".

KEY SPEAKERS

Prof. Colin Jackson
Associate Director (Research)
The Australian National University, Canberra

Prof. B Jayaram Coordinator, Supercomputing Facility for Bioinformatics and Computational Biology (SCFBio), IIT Delhi



Prof. Pradipta Bandyopadhyay
School of Computational and Integrative Sciences
Jawaharlal Nehru University

Prof. D Sundar
Department of Biochemical Engineering and Biotechnology
IIT Delhi

Dr. Shankar Prasad Kanaujia
Department of Biosciences and Bioengineering
IIT Guwahati

Prof. Sanjeev Kumar Singh
Alagappa University Karaikudi – 630 004

Dr. Shailza Singh
National Centre for Cell Sciences, Pune

Many more esteemed speakers will also join

Note: E-certificate will be provided

Computer Aided Drug Design and Protein Analysis

Online Short-term Course

February 22-26, 2021

At

CELEBRATING CENTENARY
100 years
IIT (BHU) VARANASI

Supported by

A TECHNOLOGICAL INNOVATION HUB
ON
INTERDISCIPLNARY DATA ANALYTICS AND PREDICTIVE TECHNOLOGY
(IDAPT)

DST@ 1971-2021
विज्ञान एवं प्रौद्योगिकी विभाग
DEPARTMENT OF SCIENCE & TECHNOLOGY

THEME OF SHORT-TERM COURSE

Computer Aided drug design and protein analysis is one week **online** events that covers invited lectures and hands-on covering protein sequence analysis, protein ligand docking and Molecular dynamics simulation. It also aims to cover mutational analysis and the effects of mutation on protein. The event will provide an excellent platform to keep up with the cutting-edge techniques on computation biology and computer aided drug designing. We cordially invite you to register for the event.

INDIAN INSTITUTE OF TECHNOLOGY (BHU)

Indian Institute of Technology (BHU) Varanasi is an Institute of national importance created by an Act of the Parliament through the Institutes of Technology (Amendment) Act, 2012. Previously, it was known as IT, BHU. Founded in 1919 as the Banaras Engineering College, it became the Institute of Technology, Banaras Hindu University in 1968. IIT (BHU) Varanasi has 14 departments and 3 inter-disciplinary schools. IIT(BHU) Varanasi has been able to build up the necessary infrastructure for carrying out advanced research and has been equipped with state-of-the-art engineering and scientific instruments. The city of Varanasi is well connected by road, rail and air with all the important places of India. Regular flights are there from Varanasi to Delhi, Mumbai, Chennai, Bangalore, Kolkata, Khajuraho and Lucknow. The IIT(BHU) campus is only 10 Km from Varanasi railway station, 20 Km from Deen Dayal Updhayay (old name Mughalsarai) railway station and 35 Km from the Varanasi airport.

ELIGIBILITY

The conference is open mainly to faculty members, scientists, PhD, MTech and MSc, MPharma, B Pharma, MBBS and B. Tech. students, etc.

REGISTRATION FEE

For faculties, scientists and post doctoral fellow: Rs. 1000/- (non-refundable)
Industry: 4000/- (non-refundable)

For UG and PG students : Rs. 500 (refundable)

Payment may be made by one of the following methods:

(i) Demand draft In favor of I-DAPT-HUB-FOUNDATION Payable at SBI, IIT(BHU) Varanasi.

(ii) For online payment
Branch: SBI, IIT(BHU) Varanasi
IFSC Code: SBIN0011445
Name: I-DAPT-HUB-FOUNDATION
Account No: 39818711510

Note: *Mention payment details in the registration form*

IMPORTANT DATES

Opening of Registration: 1-January, 2021
*Last Date of Registration: 10-February 2021**

CONTACT

Prof. Vikash Kumar Dubey
School of Biochemical Engineering
Indian Institute of Technology (BHU) Varanasi
Varanasi-221002

Computer Aided Drug Design and Protein Analysis

February 22-26, 2021

Registration form

1. Name (in block letters):
2. Designation:
3. Organization:
4. Address for communication with mobile number and e-mail:

Pin: Mobile. No:
Fax no: E-mail:

5. Academic Qualifications:
6. How this participation is useful for you
7. Payment details (DD Number/online payment reference with amount and date):

Place:
Date: Signature of the applicant

Note: Please send the soft copy of the form on vikashdubey@rediffmail.com
Photocopy of the form may also be used.

The decision about the final selection is by course convener/organizing committee
List of selected participants will be informed by 18-February 2021