

I-DAPT Hub Foundation IITBHU sponsored  
Short-Term-Course (STC) on



# Transforming Healthcare with AI- Driven Drug Discovery

Learn the cutting-edge AI tools for drug discovery and development with hands-on sessions

Limited seats  
(50)  
Apply before  
31 October

## Tentative Speakers



**Prof. G. Narahari Sastry**  
IIT Hyderabad, Telangana



**Prof. Shandar Ahmad**  
JNU, New Delhi



**Prof. Prabha Garg**  
NIPER SAS Nagar, Punjab



**Prof. B. Mishra**  
IIT(BHU), Varanasi



**Prof. S. K. Singh**  
CSE, IIT(BHU), Varanasi



**Prof. Rajesh Pandey**  
IIT(BHU), Varanasi



**Prof. P. Ramakrishnan**  
IITR, Lucknow



**Dr. Arjit Roy**  
TCS, Hyderabad



**Dr. A. R. Jac Fredo**  
IIT(BHU), Varanasi



**Dr. Raunak Varshney**  
INMAS, DRDO, New Delhi

## Hands-on sessions on

- ▶ Machine Learning Based QSAR Modeling
- ▶ AI-based Virtual Screening of Hit Compounds
- ▶ AI-driven ADMET Predictive Modeling
- ▶ Deep Learning Based Molecular Docking
- ▶ Molecular Dynamics Simulation
- ▶ MD Trajectory Analysis
- ▶ Graph Neural Network Based De Novo Drug Design

**9-13 December, 2024**

- 50** Seats Only (for offline participation)
- ▶ Mode of workshop: Hybrid (Offline is preferred)
- ▶ Register at : <https://tinyurl.com/aidd2024>
- ▶ Registration fee including 18% GST  
UG/PG/PhD students: 2950 Rs. (1475 for online participation)  
Faculty/postdoc/industry professional: 5900 Rs. (2950 for online participation)

## Organising Team



**Patron**  
**Prof. Amit Patra**  
Director, IIT(BHU), Varanasi



**Prof. Vikash Dubey**  
Project Director, IDAPT-Hub  
Foundation



**Prof. S. Hemalatha**  
HoD, Dept. of Pharm.  
Eng. & Tech.



**Dr. Rajnish Kumar**  
STC Convener



**Prof. Senthil Raja A.**  
STC Co-Convener