

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
for UG/PG/PhD students: 2950 Rs.
for Faculty: 5900 Rs.

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