

## QIP Short Term Course on Emerging Computational Tools in Drug Design & Discovery (03 - 09 Oct, 2019)

### REGISTRATION FORM

Full Name :  
Designation & Pay scale :  
College/Institute/University :  
Address for communication :  
Email ID :  
Mobile No : +91-  
Highest academic qualification :  
Specialization :  
Teaching experience in years :  
Accommodation required? : Yes/No  
Amount of TA required as per entitlement (Only for AICTE approved college teachers) :  
Demand draft no. & date :  
Bank Name :  
DD Amount :

Please register me for the QIP short term course on "ECTD3" to be held at IIT BHU, Varanasi.

Place: \_\_\_\_\_ Signature of applicant with date

### Sponsorship

Prof./Dr./Mr./Ms./Mrs./ \_\_\_\_\_ an employee of our institute, is hereby sponsored for the course. The applicant will be permitted to attend the "QIP short term course on "ECTD3" at IIT (BHU), Varanasi, to be held during 03 - 09 October, 2019, if selected.

Signature with date of Sponsoring Authority  
Designation & Official seal

### About the Course

Computational tools are highly indispensable in today's drug design and discovery research. Early exploration of available chemical space for novel active compounds and early prediction of lead-like or drug-like properties, through computational approaches and tools, are the key steps in modern drug discovery research. The course intends to provide a comprehensive understanding of various computational approaches and tools, to the young teachers and researchers working primarily in the area of drug design and discovery. The tentative topics to be covered during course include;

- Molecular modelling methods
- Ligand-based and structure-based drug design
- Virtual screening and pharmacophore modeling
- Molecular docking and molecular dynamic simulations
- ADMET prediction and QSAR modeling, etc.

### Who should attend?

Faculty members with pharmacy or allied life science background from University/Engineering/Pharmacy colleges recognized by AICTE are eligible to attend the course. Limited number of participants, first 30, from AICTE approved colleges may be eligible for AC 3-tier to and fro travel fare by the shortest route and free boarding and lodging at IIT BHU guest house.

### How to register?

Eligible candidates should send the hard copy of duly filled Registration form along with a demand draft (Caution money) worth Rs. 2000.00, in favor of "Registrar, IIT (BHU), Varanasi", payable at Varanasi, (Branch Code: 11445) to **The Coordinator, QIP-STC on "ECTD3", Department of Pharmaceutical Engineering & Technology, IIT (BHU) Varanasi-221005, UP, India.** Candidates should also email the scanned copy of the Registration form and the Draft through to **asraja.phe@iitbhu.ac.in** and copy to **coordinator.qip@iitbhu.ac.in**. The caution money is for confirmation of participation and will be returned back only if the participant attends the course.

Last date of Registration: **10 September 2019**  
Intimation of Selection by email: **12 September 2019**



AICTE Sponsored  
QIP Short Term Course



on

Emerging Computational Tools in  
Drug Design & Discovery  
(ECTD3)

03 - 09 October, 2019

**Coordinator**  
**Dr. Senthil Raja A**  
asraja.phe@iitbhu.ac.in

**Co-coordinators**  
**Dr. G.P. Modi**  
**Dr. S.K. Jain**

**Organized by**  
**Department of Pharmaceutical Engineering & Technology**  
**Indian Institute of Technology**  
**(Banaras Hindu University)**  
**Varanasi, India.**

## About Varanasi

The holy city Varanasi, one of the oldest living cities on earth is also known as the city of temples, lights and learning. Being situated on the banks of the holy river Ganges, Varanasi is a place of great historical and cultural importance. This religious and spiritual capital of India is famous for temples of Lord Shiva, Buddha (at Sarnath) and Sankat Mochan etc. Lord Buddha gave his first set of sermons at Sarnath, located in the outskirts of Varanasi, nearly 2500 years ago. Buddhists from all over the world visit the holy city on pilgrimage.

Varanasi is the seat of spiritual and modern learning, keeping pace with modern advanced knowledge. The city is famous for silk fabrics, perfumes, artistic brass and copperware and a variety of handicrafts. This vibrant city with multiple dimensions of knowledge and liberation has a magnetic attraction for people all over the world. To be in Varanasi is an experience in itself. The majestic ghats on the banks of Ganga, Subh-e-banaras, visit to famous temples and evening Ganga Aarti are some of the special attractions.



## About IIT BHU

Established in 1919, the Indian Institute of Technology (Banaras Hindu University) owes its existence to the farsighted vision of its founder Bharat Ratna Mahamana Pandit Madan Mohan Malaviya. Initially, three engineering and technological institutions were established namely, BENCO in 1919, MINMET in 1923 and TECHNO in 1932. The first ever bachelor degree in Ceramics, Electrical, Mechanical, Metallurgy and Mining Engineering and Pharmacy in India were pioneered at BHU while Pharmacy was the first in Southeast Asia. Later, BENCO, MINMET and TECHNO were merged to form Institute of Technology (IT-BHU) in 1968. In 2012, IT-BHU was converted into IIT (BHU), Varanasi.

IIT (BHU) comprised of 15 departments and 3 interdisciplinary schools, offers 4-year B.Tech. programmes in 10 disciplines, 5-year IDD programmes in 14 disciplines, 2-year M.Tech./M.Pharm programmes in 14 disciplines and Ph.D programmes in 19 disciplines. Apart from implementing rigorous academic programmes, the institute has been consistently promoting research on thrust areas of various engineering and science disciplines.



## About the Department

The Department of Pharmaceutical Engineering & Technology came into existence in 1934 under the leadership of Professor Mahadev Lal Schroff, the first Head of the erstwhile Department of Pharmaceutics. Over the last eighty eight years, the department has been continuously imparting quality education to produce pharmacists befitting to the requirements of industry and society and thus contributing to the growth and expansion of pharmaceutical education and research across the country.

In 2013, the department has introduced new research based undergraduate and integrated dual degree curricula to impart innovative research skills and expertise among the students. The department has been actively engaged in the cutting edge research areas of drug discovery and development. The Department has also hosted many events at the National level and to name a few are the 17<sup>th</sup>, 34<sup>th</sup> & 59<sup>th</sup> editions of Indian Pharmaceutical Congress in the years 1965, 1982 & 2007 in conjunction with Silver, Golden and Platinum Jubilee of the Department, respectively.

