



INDIAN INSTITUTE OF TECHNOLOGY INDORE

Discipline of Biosciences and Biomedical Engineering

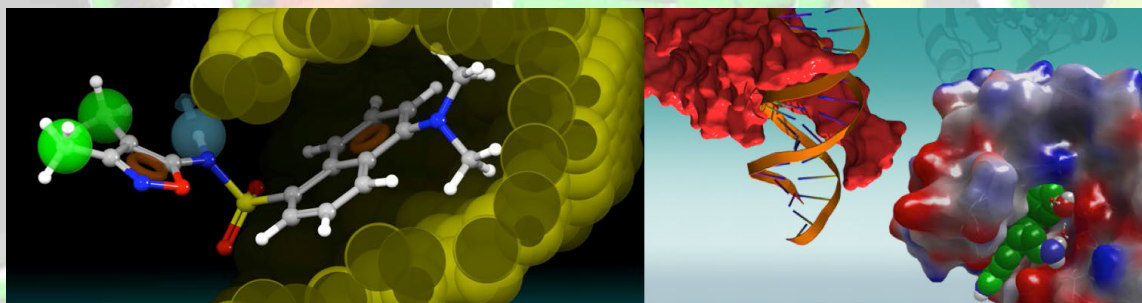
Organizes

5-Day Short Term Course
on

Nano-biotechnology in Drug Discovery, Development and Delivery

March 11-15, 2020

Sponsored by Quality Improvement Programme (QIP), AICTE



About the Course

This short-term course will introduce participants to the concepts, methods and tools for drug designing, discovery and delivery. In terms of drug discovery and development, the role of nanotechnology currently lies in improving diagnostic methods, developing improved drug formulations and drug delivery systems for disease therapy. This active learning course has been designed to provide the theoretical background as well as a hands-on approach to molecular docking, virtual screening, molecular dynamics simulations and MM-PBSA using Schrodinger software suite. The workshop will also cover the use of different OMICS technologies in drug discovery and design. Advancement of the biomedical field through nanotechnology in diagnosis and therapy of diseases will also be discussed.

Registration

There is no registration fee for the course. Completed registration form should be sent to the course coordinator: parimal@iiti.ac.in. Incomplete registration form will not be entertained. **Number of seats limited. Selection is based on first cum first serve basis.**

Transport, Boarding & Lodging

Participants are entitled for III AC or Sleeper Class railway fare to and fro by the shortest route from college to IIT Indore. Local participants will be given second class railway fare or Bus fare.

Boarding and lodging will also be provided **free of cost**. Accommodation will be provided in the students Hostels. Since accommodation is limited, family members of the participants can not be accommodated.

Venue

Course will be held at Helium building (SB 309), IIT Indore

Certificate

Participants who successfully complete the course will be awarded with a Course Completion Certificate.

Target Participants

Faculty members of degree level colleges recognized by AICTE, are eligible to attend the course.

Teaching Faculty:

Dr. Parimal Kar, IIT Indore (Coordinator)
Dr. Hem Chandra Jha, IIT Indore
Dr. Abhijeet Joshi, IIT Indore

Course Coordinator

Dr. Parimal Kar

Discipline of Biosciences and Biomedical Engineering
Indian Institute of Technology Indore, Khandwa Road,
Simrol, Indore-453552, Madhya Pradesh

E-mail: parimal@iiti.ac.in | Phone: (0731) 2438700
(Ext. 550)

Last Date for receipt of registration: February 28, 2020

Notification of acceptance: February 29, 2020

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1.	Name of the Applicant (in block letters)	
2.	Designation	
3.	Academic Qualification	
4.	Name of the College / Institution	
5.	Address for Communication	
6.	Mobile	
7.	E-mail	
8.	Accommodation Required? Yes or No	

Signature of the Applicant (with Date):

Approval /Permission from the Institution/Organization:

We approve the above application as a participant for the above short term course, which is being organized by IIT Indore from March 11 to 15, 2020.

Signature of the Competent Authority (with Date and Seal)

Sacn copy of duly signed registration form should be sent to parimal@iiti.ac.in by February 28, 2020.