

विद्या न त्व ज्योतिषमः

# Department of Biotechnology, Jaypee Institute of Information Technology Noida *organizes*

## Faculty Development Program

(25th - 30th July 2022)

## Topic: Innovations in Drug Delivery Technologies

## About the Institute and Department of Biotechnology

Jaypee Institute of Information Technology (JIIT), NOIDA was established in the year 2001 and has been declared as a “Deemed to be University” under Section 3 of UGC Act 1956. The undergraduate programs of the University have been accredited by the National Board of Accreditation of AICTE. The Department of Biotechnology and JIIT established in 2002, remains committed to provide research informed teaching and learning and a state of art R & D environment. It has been consistently ranked amongst the best institution in India by Biospectrum. Research focus of the Department is on emerging, remerging and lifestyle diseases, natural bioproducts of therapeutics and industrial importance, their molecular mechanism of action, drug delivery and bioremediation/ phytoremediation strategies. Active research in these areas has resulted in a number of extra mural funded projects and publications of national and international repute.

### About FDP

#### **Innovations in Drug Delivery Technologies**

Drug delivery is a broad area of research and development which covers the delivery of various drugs and compounds in humans or animals to achieve therapeutic effects

Innovations in the filed of drug delivery have led to improved formulations and novel technologies to deliver the drugs, bioactives and biologics. Selection of a drug delivery method has significantly impacted the efficacy of the drug. Many important physicochemical and pharmacological properties of the drug such as poor solubility and stability, lipophilic nature, low bioavailability, high peripheral circulation etc can be improved by using a desirable drug delivery system. Improvements based upon technologies like inhalers, insulin delivery devices, delivery through extracellular vesicles, i.e. exosomes, to develop new therapeutics have been executed by some scientists and researchers and many more are working in this field to develop new ways of delivering drugs through different means.

### Following key areas will be covered:

- Lipid Nanotherapeutics
- Drug Delivery Devices in Biologics
- Nanoscale Drug Delivery Systems
- IP strategies in drug discovery
- Trends in delivery of bio actives in CPG industry
- Delivery of drugs in combinations

## Resource Persons

A set of prominent speakers from the industry and Academia who are involved in various areas of drug delivery, will share their knowledge and experience.

## Chief Patron

- Hon'ble Shri Manoj Gaur

## Patrons

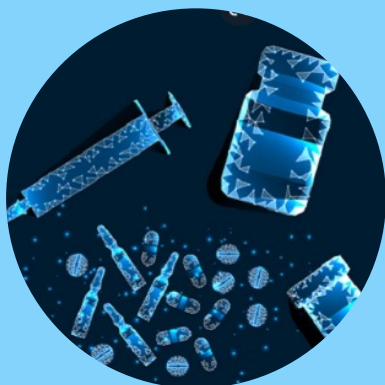
- Prof. S.C. Saxena  
Pro Chancellor, JIIT
- Prof. Yog Raj Sood  
Vice Chancellor, JIIT

## Convener

Prof. Pammi Gauba,  
HOD Department of Biotechnology,  
Dean IA &SP

## Program Coordinators

- Prof. Shweta Dang
- Dr. Priyadarshini



## How to register:

Registration Link:

<https://forms.gle/YANLhP9SSRJWhBCu8>

Scan the QR code to register for FDP



Registration fee for external participants: Rs. 500/-  
Registration fee for members of JIIT: NIL

Registration fee can be paid by either of the following:

1. Demand draft drawn in favor of "Jaypee Institute of Information Technology" payable at Noida.

Send your DD and also email the scanned copy of the same to :

[shweta.dang@jiit.ac.in](mailto:shweta.dang@jiit.ac.in)

2. On-line NEFT to the beneficiary using details:

Bank A/c Name: Jaypee Institute of Information Technology

Bank Name: ICICI Bank

A/c No: JIITFDPBTE22

Branch name: CMS Mumbai

IFSC: ICIC0000104

## Last date of Registration

July 15th, 2022

E-Certificates will be provided to all the participants.



## Address for communication

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