



### CHIEF GUEST

**Dr. Sudipta Benerjee**  
Vice-President  
GESCO Healthcare Pvt. Ltd.  
Chennai, Tamil Nadu  
  
Director,  
Allign Consultancy Services Pvt. Ltd.  
Kolkata, West Bengal



### KEYNOTE SPEAKER

**Dr. Anil Kumar**  
Professor & Chairperson,  
University Institute of  
Pharmaceutical Sciences (UIPS)  
Panjab University, Chandigarh

### EMINENT SPEAKERS-LEAD LECTURE



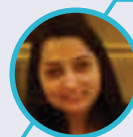
**Dr. Dinesh Kumar**  
Associate Professor & Head  
Department of Pharmaceutical Sciences  
Central University of Haryana, Mahendergarh



**Dr. Sukhbir Singh**  
Professor  
M.M. College of Pharmacy,  
Maharishi Markandeshwar University  
Mullana, Ambala, Haryana



**Dr. Neelam**  
Professor  
M.M. College of Pharmacy,  
Maharishi Markandeshwar University  
Mullana, Ambala, Haryana



**Dr. Sonia Dhiman**  
Professor  
Chitkara College of Pharmacy  
Chitkara University, Rajpura, Punjab



**Dr. Mahavir Dhobi**  
Associate Professor  
Dept. of Pharmacognosy and Phytochemistry  
Delhi Pharmaceutical Sci. & Research University



**Dr. Ashwani Kumar Jangra**  
Associate Professor  
Department of Pharmaceutical  
Gurukul Kangri University, Haridwar, Uttarakhand



**Dr. Vikram Monga**  
Assistant Professor  
Department of Pharmaceutical Sciences and  
Natural Products Central University of Punjab, Bathinda



**Dr. Debapriya Garabadu**  
Assistant Professor  
Department of Pharmacology  
Central University of Punjab, Bathinda, Punjab



**Dr. Gaurav Sharma**  
Plant Head,  
Biosafe Medical India Pvt. Ltd., Ranchi,  
Chhattisgarh



**Dr. Atin Kalra**  
Assistant Professor-III,  
Amity Institute of Pharmacy  
Amity University, Gurugram, Haryana



**Dr. Pradeep Goyal**  
Professor and Principal  
Saraswati Institute of Pharmaceutical Education  
and Research, Gharaun, Mohali, Punjab



**Dr. Tapan Behl**  
Professor  
Department of Pharmacology  
School of Health Sciences & Technology (SoHST)  
University of Petroleum and Energy Studies, Dehradun, UK



**Advocate Dhawal Bhandari**  
Practising Lawyer  
at Supreme court of India &  
High Court of Punjab and Haryana



**Mr. Davinder Kumar**  
Assistant Professor  
College of Pharmacy, Pt. Bhagwat Dayal Sharma  
University of Health Sciences, Rohtak, Haryana



**Dr. Jitender Singh**  
Principal, Institute of Pharmaceutical Sciences  
IET Bhaddal Technical Campus,  
District Ropar, Punjab



**Prof. Mubashir Hussain Masoodi**  
Head, Department of Pharmaceutical Science  
School of Applied Sciences & Technology  
University of Kashmir, Srinagar, J&K

### CONFERENCE STEERING COMMITTEE

#### CHIEF PATRON

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Chairman  
IET Bhaddal Technical Campus

#### PATRON

**Dr S. S. BINDRA**  
Director Campus  
IET Bhaddal Technical Campus

### CONVENER AND ORGANIZING SECRETARY

#### Dr. Jitender Singh

Principal, Institute of Pharmaceutical Sciences  
IET Bhaddal Technical Campus,  
District Ropar, Punjab

#### Prof. Mubashir Hussain Masoodi

Head, Department of Pharmaceutical Sciences  
School of Applied Sciences & Technology  
University of Kashmir, Srinagar, J & K

### LOCAL ORGANIZING COMMITTEE (LOC)

#### LOC-Chairperson

##### Dr. Jitender Singh

Conference - Convener and Organizing Secretary  
Principal - Institute of Pharmaceutical Sciences, Bhaddal

##### Registration

Ms Pooja Kumari, Ms Ishani, Mr Ankush Kumar

##### Conference Proceeding

Mr Ankush Kumar, Ms Vishakha

##### Oral Presentation Session

Ms Trisha Sharma, Mr Ankush Kumar, Ms Vishakha

##### Hospitality

Dr Kanchan Sharma, Mr Gurinder Singh  
Ms Payal Sharma, Ms Kiranjeet Kaur

##### Transport Committee

Mr Kulwinder Singh, Mr Gurinder Singh Sharad

#### Coordinator

##### Dr. Jyoti Devi

Associate Professor & HoD

##### Ms Ishani

Associate Professor & HoD

##### Venue Management

Mr Gurmeet Singh, Ms Medha Bhalla,  
Ms Kiranjeet Kaur, Ms Payal Sharma, Ms Sakshi

##### Conference Certificates

Ms Ishani, Ms Neelam Sharma

##### Poster Presentation

Ms Monika Sharma, Ms Kamalpreet Kaur  
Ms Barsha Deb

##### IT and Branding

Mr Lovkesh Kumar, Mr Suresh Kumar Mr Sharad

##### Cultural Event

Dr. Jyoti Devi, Ms Trisha Sharma, Ms Payal Sharma, Ms Nidhi

### NATIONAL CONFERENCE

On

**De Novo Drug Design,  
Drug Repurposing and Bioactivity-Guided Isolation: Opportunities,  
Challenges and Way Forward**

**Date: 13th-14th October, 2023**

**Venue**

**Institute of Pharmaceutical Sciences  
IET Bhaddal Technical Campus**

**Vill.: Bhaddal, P.O.: Mianpur, Distt.: Ropar, Punjab**



# IET BHADDAL

## TECHNICAL CAMPUS ROPAR

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### INSTITUTE OF PHARMACEUTICAL SCIENCES BHADDAL

In Technical Collaboration With



### DEPARTMENT OF PHARMACEUTICAL SCIENCES

SCHOOL OF APPLIED SCIENCES & TECHNOLOGY | UNIVERSITY OF KASHMIR, SRINAGAR, JAMMU & KASHMIR

ORGANIZING

## NATIONAL CONFERENCE

on

**DE NOVO DRUG DESIGN, DRUG REPURPOSING AND BIOACTIVITY-GUIDED  
ISOLATION: OPPORTUNITIES, CHALLENGES AND WAY FORWARD**

**OCTOBER 13-14 2023**

VENUE

INSTITUTE OF PHARMACEUTICAL SCIENCES  
IET BHADDAL TECHNICAL CAMPUS, ROPAR, PUNJAB

SPONSORING PARTENERS



QUERY CAN BE SENT TO:  
principalpharmacy@ietbhaddal.edu.in  
or Call : 7837336418

CONVENER AND ORGANIZING SECRETARY  
**Dr. Jitender Singh**  
Principal, Institute of Pharmaceutical Sciences Bhaddal

## ABOUT INSTITUTE OF PHARMACEUTICAL SCIENCES BHADDAL, IET TECHNICAL CAMPUS, BHADDAL, ROPAR, PUNJAB

Institute of Pharmaceutical Sciences, Bhaddal is located in a peaceful lush green area of Bhaddal P.O. Mianpur, Ropar and consistently providing advanced technical education in the field of Pharmaceutical Sciences. The Institute is running D. Pharmacy and B. Pharmacy programs since 2018. Institute of Pharmaceutical Sciences Bhaddal is affiliated from Punjab State Board of Technical Education, Chandigarh, IK-Gujral Punjab Technical University, Jalandhar and approved from Pharmacy Council of India, New Delhi u/s 12. The Institute aims to deliver quality education to the pharmacy students and develop trained and competent pharmacists to serve the society through quality education and industry aligned training set-ups. The Institute provides a congenial environment for the holistic growth and all-round development of the student through systemically designed teaching-learning processes. The Institute education and training system make the students globally fit with professional practices, good communication skills, problem-solving capabilities, work in team and scientific mind set-up.

IET Bhaddal Technical Campus was founded in 1998 by "Kandi Friends Educational Trust" under the dynamic leadership of great visionary Revered Er. Gurcharan Singh Ji at Village Bhaddal to implement their vision and mission to impart Quality Technical / Professional Education to the students in the less privileged Kandi area. The Institutes provide practical and job-oriented education for emerging & existing occupations. The Institutes continuously upgrade their methodology to enhance professionalism amongst the students, industries and communities. As of today, we are an Integrated Technical Campus approved by AICTE, PCI, CoA and affiliated to IKG-Punjab Technical University, Kapurthala, PSBTE & IT, Chandigarh. The Campus has set itself a mission of creating ethical, moral and dedicated professionals who can play the role of global citizens. Till date more than 16000 IETians have graduated, distinguishing themselves as proud professionals in their respective occupations across the globe.

## ABOUT INSTITUTE OF DEPARTMENT OF PHARMACEUTICAL SCIENCES, UNIVERSITY OF KASHMIR, SRINAGAR, J&K

Department of Pharmaceutical Sciences has over the past thirty six years been the only Institution in the entire state of Jammu and Kashmir offering graduate-level programme in Pharmaceutical Sciences. Since 2009 it has been offering post-graduate programmes in five different specializations of Pharmaceutical Sciences namely Pharmacology, Pharmacognosy, Pharmaceutics, Pharmaceutical Chemistry and Pharmacy Practice. During this entire period, department has endeavoured to impart pharmacy education of highest quality to its students. The alumni have been well placed in both private and public sector, within and outside the state. Department of Pharmaceutical Sciences has so far awarded 150 M. Pharm. and 16 Ph.D. candidates besides training more than 700 B. Pharm. graduates since its inception. A total of 150 students of this department have so far cleared national level examinations like GPAT/ GATE/UGC-NET/CSIR-JRF. Department is actively engaged in research in all the core disciplines of Pharmacy. Department has published around 500 research papers in peer-reviewed national and international journals in addition to 05 books and many book chapters. Department has forged academic collaborations and research ties with premier academic, industrial and research institutions like Jamia Hamdard, New Delhi; DIPsAR, New Delhi; SKIMS, Soura, Srinagar; RRIUM, Srinagar; IIM, Srinagar/Jammu; GMC, Srinagar; Indo Soviet Friendship College, Moga, Punjab; Ranbaxy Laboratories Ltd., New Delhi; Ind Swift Laboratories, Chandigarh.

Department has received financial assistance from various funding agencies that includes UGC grant of Rs 54.75 lacs at the level of DRS-I for 5 years (2011- 2016) under the Special Assistance Programme (SAP); UGC grant of Rs 35.25 lac under Innovative Programmes for infrastructure development and teaching manpower to support new M. Pharm. programme; UGC grant to the tune of Rs. 20 lacs for strengthening of infrastructure of the department in terms of power supply, water supply, safety equipments, laboratory working tables, DST grant of 1 crore through DST-FIST Scheme, UGC grant of 119 Lacs at the level of DRS-II for 5 years (2018-2023). Besides twelve minor and three major research projects have been awarded to the faculty of the department amounting to a total financial assistance of around Rs 70 lacs. Department aims to carve a niche for itself in the national arena of Pharmaceutical Sciences and emerge as an institution of repute and excellence in times to come.

## ABOUT THE CONFERENCE

History of medicine and drug development revealed that the current system of drug treatment was evolved from the traditional knowledge of crude drugs or natural resources. A drug molecule is the result of many successful interdisciplinary processes like, natural products research, drug synthesis and derivatization, clinical studies, molecular biology, biotechnology, microbiology, formulation and development, etc. A drug molecule further processed for dosage form design and development, scale up technology, manufacturing, etc. with the end goal to make safe and effective medicine accessible to the patients and consumers for their wellness and healthcare need. The developed pharmaceutical formulations must have compliance with the regulatory requirements to get it approved for the market. Drug discovery in various healthcare domains make the research interdisciplinary with the involvement of natural product researchers, organic and medicinal chemists, pharmacologists, microbiologists, biotechnologists, medical science researchers, AYUSH researchers, pharmacists and pharmaceutical science professionals, dosage form development researchers and many more other allied health professionals. Development of a chemical entity to become a marketed drug is a laborious and expensive process. It is estimated that just 5 in 5000 drug candidates make it through preclinical testing to human testing and just one of those tested in humans reaches the market. De Novo Drug Design is the design of novel chemical entities by using computational algorithms. The design of novel molecular structures for synthesis and in vitro testing is vital for the development of novel therapeutics for future patients. Drug repurposing enhances the preclinical steps of creating innovative medications by reducing the cost and time of the process as compared to the conventional drug discovery methods. Drug repurposing aims to find alternative uses of an approved or investigational drug outside of its original use. Since, the safety and pharmacological profile of the repurposed drug is already been established, so, this approach of drug discovery has less developmental risk, and is less time-consuming. Even with the massive increase in financial investments in pharmaceutical research over the last decade, the number of new drugs approved has plummeted. As a result, finding new uses for approved pharmaceuticals has become a prominent alternative approach for the pharmaceutical industry. Bioactivity-guided isolation is a typical approach to obtain pure isolates from plant origin and is widely used for profiling and screening of plant extracts for bioactive compounds. The fractionation procedure enables the screening and purification of bioactive molecules from the plant extracts more efficiently. This process of separating phytoconstituents in plant extracts using chromatographic separation techniques vis-à-vis evaluation of bioactivity leads to the isolation of pure compounds which are biologically active in preclinical experiments.

The conference provides a platform to the students, researchers, academicians, scientists, industry professionals working on various research domains to learn, present and share the updates of research among the scientific community and interact with the professionals and researchers working on diversified research areas throughout the globe. Participation in the international conference shall be a good opportunity for the participants. The conference is open for lead lecture presentations, oral talks, poster presentations and the exhibitions. The National conference on the theme "De Novo Drug Design, Drug Repurposing and Bioactivity-Guided Isolation: Opportunities, Challenges and Way Forward" is planned with the objective to provide a common platform to the scientific community to discuss various relevant scientific theme related aspects, the current updates of research in the drug development and their perspectives.

## REGISTRATION OF PARTICIPANTS

All the participants are required to register for the Conference. Registration fee can be paid by cash/online payment. Registration fee includes registration charges, technical sessions, presentation of poster/oral, lunch, conference kit. The candidates have to arrange their own boarding and lodging

### REGISTRATION FEE

(BEFORE 30-9-2023)

Student participants: Rs. 700

Other participants: Rs. 900

### REGISTRATION FEE

(AFTER 30-9-2023)

Student participants: Rs. 800

Other participants: Rs. 1000

### ACCOUNT HOLDER:

Institute of Pharmaceutical Sciences Bhaddal

ACCOUNT NUMBER: 055301004170

IFSC: ICIC0000553

BANK/BRANCH: ICICI Bank, Ropar

### SCAN AND PAY



INSTITUTE OF PHARMACEUTICAL SCIENCES BHADDAL

### IMPORTANT DATES

Last Date of Registration: 10-10-2023 | Last Date of Abstract Submission: 30-9-2023

**NOTE:** An e-mail is to be sent by the participants at [principalpharmacy@ietbhaddal.edu.in](mailto:principalpharmacy@ietbhaddal.edu.in) after depositing online fee with following details:

A	NAME OF PARTICIPANT:
B	CONTACT NO:
C	AMOUNT DEPOSITED:
D	DATE:
E	UTR No./Transaction ID:

### GUIDELINES OF ABSTRACT SUBMISSION

Participants who are presenting poster or oral presentations are required to send an abstract (not more than 300 words) as per following format to [principalpharmacy@ietbhaddal.edu.in](mailto:principalpharmacy@ietbhaddal.edu.in) on or before 30-9-2023.

Title of abstract: (Times New Roman; 14 font size; Single Line Spacing) Content of Abstract: (Times New Roman; 12 font size; Single Line Spacing) Keywords: 3-5 (Times New Roman; 12 font size; Single Line Spacing; Italics) Presenting author must be highlighted with asterisk (\*) sign. E-mail of the presenting/corresponding author should be mentioned below the Keywords.

### GUIDELINES FOR POSTER/ORAL PRESENTATION

The size of poster should not be exceed to 1 x 1 m (length x width). The maximum time of oral presentation shall be max. 15 min. Oral Presentation must be in the form of power point presentation. The poster and oral presentation must have the theme of conference, date, Name/logo of presenter's organization, Name/logo of Institute of Pharmaceutical Sciences, Bhaddal as organizer, name of authors with affiliations, e-mail/contact details of presenting/corresponding author, title of presentation, main content of presentation and keywords.

**PRESENTATION DOMAINS:** Interested participants can present on the research, case study, innovative idea, scientific theory, literature and reviews through **POSTER PRESENTATION** or **ORAL PRESENTATION** in any of following domains:

- Domain 1: Pharmaceutics, Drug Discovery & Development, Manufacturing, Quality Control, Quality Assurance, Sale & Marketing of Pharmaceuticals.
- Domain 2: Medicinal Chemistry, Phytochemistry, Pharmacognosy, Natural Products.
- Domain 3: Pharmacology, Clinical research, Drug Regulatory Affairs, Pharmacy Practice, Pharmacovigilance, Patient Counseling.



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### REGISTRATION FORM

- Name: \_\_\_\_\_
- Whether Student /Research Scholar/Faculty/Industry professional/others: \_\_\_\_\_
- Designation (Employed participants): \_\_\_\_\_
- Student's Course \_\_\_\_\_ Class: \_\_\_\_\_ Roll no./Regn. no. : \_\_\_\_\_
- Name of Organization/Institute/University: \_\_\_\_\_
- Address Organization/Institute/University: \_\_\_\_\_
- Email: \_\_\_\_\_
- Contact No: \_\_\_\_\_
- Payment (Cash/Online): Rs. \_\_\_\_\_  
In case of online payment, write transaction no. \_\_\_\_\_ Date of transaction: \_\_\_\_\_
- Presenting candidates kindly choose any one domain for participation:

- Domain 1: Pharmaceutics, Drug Discovery & Development, Manufacturing, Quality Control, Quality Assurance, Sale & Marketing of Pharmaceuticals.
- Domain 2: Medicinal Chemistry, Phytochemistry, Pharmacognosy, Natural Products.
- Domain 3: Pharmacology, Clinical research, Drug Regulatory Affairs, Pharmacy Practice, Pharmacovigilance, Patient counseling.

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