

**CHITKARA**  
UNIVERSITY



CHITKARA COLLEGE  
OF PHARMACY

**TPDTP  
2020**

## **International E-Conference & Faculty Development Program-2020**

*Theme:*

**"Trends in Pharmaceutical Development,  
Technology and Practice-2020 (TPDTP-2020)"**

**17<sup>th</sup> August, 2020 to 22<sup>nd</sup> August, 2020**

Registration Link: <https://forms.gle/yhfPuy1mxNYiitjL9>

*Collaborators:*

**IPA, APTI (Punjab Branch), Integrated Association of Medical,  
Basic and Social Scientists (IAMBSS),  
Dr. Reddy's Laboratories, Amulya Herbs, Natural Solutions**



## OBJECTIVE OF THE FDP-2020:

Pharmacy education in India is taught as an industry- and product-oriented profession with a focus on the basic sciences. During the past decade, pharmacy education has expanded significantly in terms of number of institutions offering pharmacy program at various levels.

The delivery of quality pharmaceutical care depends on the existence of qualified and competent pharmaceutical professionals. (Note that pharmaceutical professionals include pharmacists, pharma researcher, industry professional and pharmacy support staff and personnel.) In addition, to industrial professional sufficient numbers of pharmacists and pharmacy support staff must exist in the pharmaceutical practice profession to address pharmaceutical needs in a country. Participation in FDP is essential for the maintenance and enhancement of competence to teach pharma discovery technology, practice and ultimately to improve the quality of care and services delivered. Participation in FDP and training activities has been demonstrated to enhance knowledge, skills, and performance of health care workers. Participation in FDP activities can motivate pharmaceutical professionals to be drivers for change in the following areas

1. Drug Discovery (Synthetic and Phytochemical)
2. & Technologies
3. Formulation and development
4. Pilot scale Development and Industrial validation
5. Process developmen
6. Community pharmacy, Pharmacy Practice
7. Clinical development & Clinical Pharmacy
8. Quality assurance & Biostat
9. Pharmaceutical Chemistry & Phytopharmaceutical
10. Regenerative Medicine & Holistic Therapies

### An effective academic delivery in Pharma sciences requires:

1. Updated & Applied information on area of delivery
2. Appropriate analysis & Stratification of classes
3. Appropriate Visible and Verbal representation of Topics
4. Planned correlation with industry relevance
5. Evaluating Outcomes
6. Evaluating Skills

## ABOUT THE INSTITUTE

Chitkara College of Pharmacy was started in 2005 by the Chitkara Education Trust, Chandigarh, under the guidance of renowned academicians Dr. Ashok Chitkara and Dr. (Mrs.) Madhu Chitkara. Chitkara Educational group campus is located at Jhansla, Rajpura and the campus has institutions including Chitkara College of Pharmacy, Chitkara Institute of Engineering and Technology, Chitkara School of Planning and Architecture, Chitkara School of Education, Chitkara School Hospitality Management, Chitkara Business School. The different institutes have relevant accreditations including National Councils, ISO and NAAC. The campus is hosting degree and Post degree level courses in Pharmacy, Electrical Engineering, Computer Science and Engineering, Electronics and Communication Engineering and Mechanical Engineering, Architecture, Education, Management, Media and Health Sciences. Chitkara College of Pharmacy has courses **B. Pharm, M. Pharm, Pharmacy Practice, Pharm D, Pharm D (PB) and Ph.D** approved by AICTE, PCI & UGC and affiliated to Chitkara University, Punjab. The institute has highly qualified faculty, well equipped laboratories, high speed internet facility and a very well equipped library. The college has comprehensive research portfolios with more than 38 patents, 350 publications, 250 PG thesis and Ph.D program going for making it a premier centre for higher education in Pharmaceutical Sciences.

**Chitkara college of Pharmacy stands in top 50 pharma institutions since 2016 till 2020 by the Ministry of Human Resource Development-NIRF ranking by bagging 17th position in 2016. Parameters for the ranking included learning resources, research & collaborative performance, graduation outcome, outreach & inclusivity and perception.**

## WHO SHOULD ATTEND?

The programme is designed for advanced teaching and learning needs so as to understand the objectives underlying certain advanced topics in Pharmacy Programme being offered in India. With the increasing number of challenges in learning and teaching methodologies this new facet of pharmacy profession in India is also no exception to it.

**Registration** : Student & Staff members of Pharmacy colleges would be given preference.

**Registration Fee** : Rs. 300 to be deposited online/through DD.

**For National Exchange Fund Transfer (NEFT) or E banking**

### For UCO Bank:

Account Payee Name: **Chitkara University, Punjab**

Account Number: **22870210000106**

IFSC code: **UCBA0002287**

Branch: Jhansla, Rajpura

A/c Type: **Current**

**Note:** Please make correspondence on [workshopccp@chitkara.edu.in](mailto:workshopccp@chitkara.edu.in)

Registration Link: <https://forms.gle/yhfPuy1mxNYiitjL9>

## **NATIONAL ADVISORY AND EXPERT COMMITTEE:**

- **Dr. B. Suresh**, Vice Chancellor -JSS University and President, Pharmacy Council of India at Pharmacy Council of India.
- **Dr. T.V. Narayana**, President, Indian Pharmaceutical Association
- **Prof. Shailendra Saraf**, Vice Chancellor, Durg University, Chhattisgarh and Vice President, Pharmacy Council of India at Pharmacy Council of India.
- **Mrs. Archana Mudgal**, Registrar-Cum-Secretary, Pharmacy Council of India, Delhi
- **Prof B. S. Bhoop**, Former Chairperson & Professor, University Institute of Pharmaceutical Sciences, Chandigarh.
- **Dr Kanwaljeet Chopra**, Former Chairperson & Professor, University Institute of Pharmaceutical Sciences, Chandigarh.
- **Prof. Subheet Kumar Jain**, HOD & Professor, Department of Pharmaceutical Sciences, Guru Nanak Dev University, Amritsar.
- **Dr Raghuram Rao**, Former Director, National Institute of Pharmaceutical Education and Research (NIPER), Mohali.
- **Dr. Sanyog Jain Professor**, Centre for Pharmaceutical Nanotechnology, Dept of Pharmaceutics, NIPER
- **Prof. A. N. Kalia**, Former Director Herbal Research. Professor Department of Pharmaceutical Sciences MDU, Rohtak, Haryana
- **Dr. Vandana Kalia**, Scientist DSIR, Ministry of Science and Technology
- **Dr Zorah Aziz**, Dean Pharmacy, University of Malaysia
- **Prof N K Jain**, Dr. Hari Singh Gour University, Sagar.
- **Dr. PD Chaudhary**, President APTI (Central)
- **Dr Raman Dang**, Secretary, APTI
- **Dr Ramesh Adepu**, IPA, Principal cum Director at Vikas College of Pharmaceutical Sciences, Rayanigudem
- **Dr B N Sinha**, Former & Professor, Head BIT Mesra
- **Dr. R N Gupta**, Former & Professor, Head BIT Mesra
- **Dr. S. S Agarwal**, Delhi Pharmaceutical Sciences and Research University, New Delhi.
- **Dr Saranjeet Singh**, Prof and HOD, Dept of Pharmaceutical Analysis, NIPER, Mohali.
- **Dr. A. K. Tiwary**, Professor, Department of Pharmaceutical Sciences and Drug Research, Punjabi University, Patiala.
- **Dr. R K Goel**, Professor, Department of Pharmaceutical Sciences and Drug Research, Punjabi University, Patiala.
- **Dr Shyam S Sharma**, Professor, Department of Pharmacology, NIPER Mohali
- **Prof Pramil Tiwari**, Professor, National Institute of Pharmaceutical Education and Research (NIPER), Mohali
- **Dr. Anil Kumar**, Professor, University Institute of Pharmaceutical Sciences, Chandigarh.
- **Dr. Nirmal Singh**, Professor, Punjabi University, Patiala
- **Dr. B. Narasimhan**, Professor & Dean, Department of Pharmaceutical Sciences, Maharshi Dayanand University, Rohtak
- **Dr A K Saxena**, Indian Institute of Integrative Medicine (IIIM), Jammu, J&K.
- **Dr P N Gupta**, Indian Institute of Integrative Medicine (IIIM), Jammu, J&K.
- **Dr. Kishore Raghuvansh**, Institute of Microbial Technology (IMTECH), Mohali.
- **Dr. Mahendra Bishnoi**, Scientist C, National Agri - Food Biotechnology Institute (NABI), Mohali, Punjab.
- **Dr. Hanumanthachar Joshi**, Sarada Vilas college of Pharmacy, Mysuru.
- **Dr. A C Rana**, Former Director, Dept of Pharm Sciences, Kurukshetra University, Kurukshetra.
- **Dr. Yogendra Kumar Gupta**, Professor & Head, Department of Pharmacology, All India Institute of Medical Sciences, New Delhi.
- **Dr. Surinder Singh**, Professor, Department of Pharmacology All India Institute of Medical Sciences, New Delhi.
- **Dr. C S Gautam**, Professor, Department of Pharmacology, Government Medical College and Hospital, Chandigarh.
- **Dr. Bikash Medhi**, Professor, Department of Pharmacology, Postgraduate Institute of Medical Education & Research PGIMER, Chandigarh
- **Dr Samir Malhotra**, Associate Professor, Pharmacology, PGIMER, Chandigarh.

## **INDUSTRIAL, IPA, REGULATORY ADVISORY AND EXPERT COMMITTEE**

- **Dr. T.V. Narayana**, President, Indian Pharmaceutical Association
- **Dr. MD Burande**, President IPCA
- **Mr Manish Marwaha**, MD, Amulya Herbs,
- **Dr. Parikshit Bansal**, Bansal IP Associates (BIPASS)
- **Mr. N K Ahuja**, Haryana state drug controller
- **Dr Pradeep Mattu**, Joint Drug Commissioner Punjab
- **Dr. Amit Kaushal**, Plant Head, Akums Drugs and Pharmaceutical limited.
- **Mr. Vinay Chaturvedi**, Vice President Operations, Glenmark
- **Dr. A Ramkishan**, Deputy Drugs Controller, Govt. of India
- **Dr. Rao Vadlamudi**, IPA
- **Mr. Sanjay Kapadia**, President IPA
- **Dr. Prafull Mathur**, Head R & D (Synthetic & ADL), Aanjaneya Lifecare Limited, India.
- **Dr. Rudraraju Varma**, Aizant Drug Research Solutions (P) Ltd, Hyderabad, India.
- **Dr. Sudhir K. Sharma**, General Manager and Head, Research and Development, Panacea Biotech, Mohali.
- **Dr. Ravi Roy**, General Manager, Clinical Research, Fresenius, Gurgaon.
- **Sh. Sandeep Sharma**, Manager, R and D, Jubilant Organosys Ltd. Noida.
- **Dr. Suresh Attili**, Director, ClinSync Clinical Research Pvt Limited. Hyderabad.
- **Dr. Manu Choudhary**, MD, Venus Remedies Ltd, Panchkula, India.
- **Sh. Anil Arora**, General Manager, HR, Abbott Labs, India.
- **Mr. S V K Prasad**, CEO, CITO Healthcare Hyderabad, India.
- **Ms. Balwinder Kaur**, Former Head QA Sentis Pharma
- **Mr. Vipul Kumar Gupta**, Director Corporate Affairs, Cipla
- **Mr. Aman Singla**, Director, MMG Health.
- **Mr. Anish Bansal**, Director, Banson Pharmaceuticals Pvt. Ltd

## **SCIENTIFIC PROGRAM DETAILS**

**Online Platform: Webex Meeting**

**17th AUGUST, 2020**

**Time: 10.30 am - 12.30 pm**

### **Welcome address:**

Introduction about International E-Faculty Development Program-2020: Dr. Sandeep Arora Dean Chitkara College of Pharmacy, Chitkara University, Punjab

**Address by Hon Pro Chancellor, Chitkara University:** Dr Madhu Chitkara

**Presidential and Chief Guest Address;** Dr B Suresh, President, Pharmacy Council of India & Pro Chancellor, JSS Academy of Higher Education & Research, Musuru, Karnataka.

**Key Note Address I:** Dr Shailendra Saraf, Vice President, Pharmacy Council of India & Dean Faculty of Technology Pt. Ravishankar Shukla University, Raipur.

**Key Note Address II:** Prof. Archana Mudgil, Registrar and Secretary, Pharmacy Council of India

## **TECHNICAL SECTION: I**

**DATE: 17th AUGUST, 2020**

**Time: 2.00-5.00 pm**

### **Pharmaceutical Technology, Development and Industrial Processes**

**Session Jt Organizing Secretary:** Dr. Inderbir Singh/Dr. Sukhbir Singh

**Session I:** Dr Prasanna Kolluru, Sr Formulation Scientist, Medfill Inc, Illinois

**Session II:** Mr Bhupesh Pratap, Sr Principal Scientist, Perrigo Inc

### **TECHNICAL SECTION: II**

**Date: 18th AUGUST, 2020**

**Time: 10.00 am-12.30 pm**

**Session Jt Organizing Secretary:** Dr. Manju Nagpal/Dr. Sonia Dhiman

**Session I:** Dr Nirali Mehta: Regulatory Biostatistician, BIOSTAT, Co Chair SCDM

**Session II:** Dr Jayawant Pawar: Manager, Scientific Development, ACG, Mumbai

**Session III:** Dr B S Bhoop: Prof, UIPS, Panjab University, Chandigarh

### **TECHNICAL SECTION: III**

**Date: 19th AUGUST, 2020**

**Time: 10.00 am-2.30 pm**

**Pharmaceutical Chemistry & Phytopharmaceuticals:**

**Session Jt Organizing Secretary:** Dr. Anju Goel/Dr. Reecha Madan /Dr. Ajmer Singh

**Session I:** Dr Pulok Mukerjee, Prof Jadavpur University

**Session II:** Dr M Vijay Kumar: Head Formulation Development, Himalaya Herbals

**Session III:** Dr Sandeep arora, Dean Chitkara College of Pharmacy, Chitkara University, Punjab

**Session IV:** Dr Rakeshwar bandichhor: Head Chemistry, API Process Dr Reddys Labs

### **TECHNICAL SECTION IV**

**Date: 20th AUGUST, 2020**

**Time: 10.00 am-12.30 pm**

**Preclinical and Clinical Pharmacology and Biostat**

**Session Jt Organizing Secretary:** Dr. Amarjot Kaur/Dr. Saurabh Gupta/Dr. Nitin Verma

**Session I:** Mr Ankur Joshi: Drug Safety Manager, COVANCE

**Session II:** Dr Roshan Palewar: CEO, DocRosh

**Session III:** Dr. Damanpreet Singh, Scientist G, IHBT, Palampur

### **TECHNICAL SECTION V**

**Date: 21st AUGUST, 2020**

**Time: 10.00 am-12.30 pm**

**Preclinical and Clinical Pharmacology and Biostat**

**Session Jt Organizing Secretary:** Dr. Nidhi Garg/Dr. Ravinder Jora

**Session I:** Dr Ananya Chakravarty: Professor

**Session II:** Dr Mukesh Dedha, MD, RAHE

**Session III:** Dr. M Ramesh, HOD, Pharmacy Practice, JSS College of Pharmacy Mysore.

### **TECHNICAL SECTION VI**

**Date: 22nd AUGUST, 2020**

#### **EDUCATION TECHNOLOGY AND PRACTICES**

**Session Jt Organizing Secretary:** Dr. Rajni Bala/Dr. Rajwinder Kaur

**Session I:** Dr Munir Ahmed, Director R and D, RGUHS, Bangalore

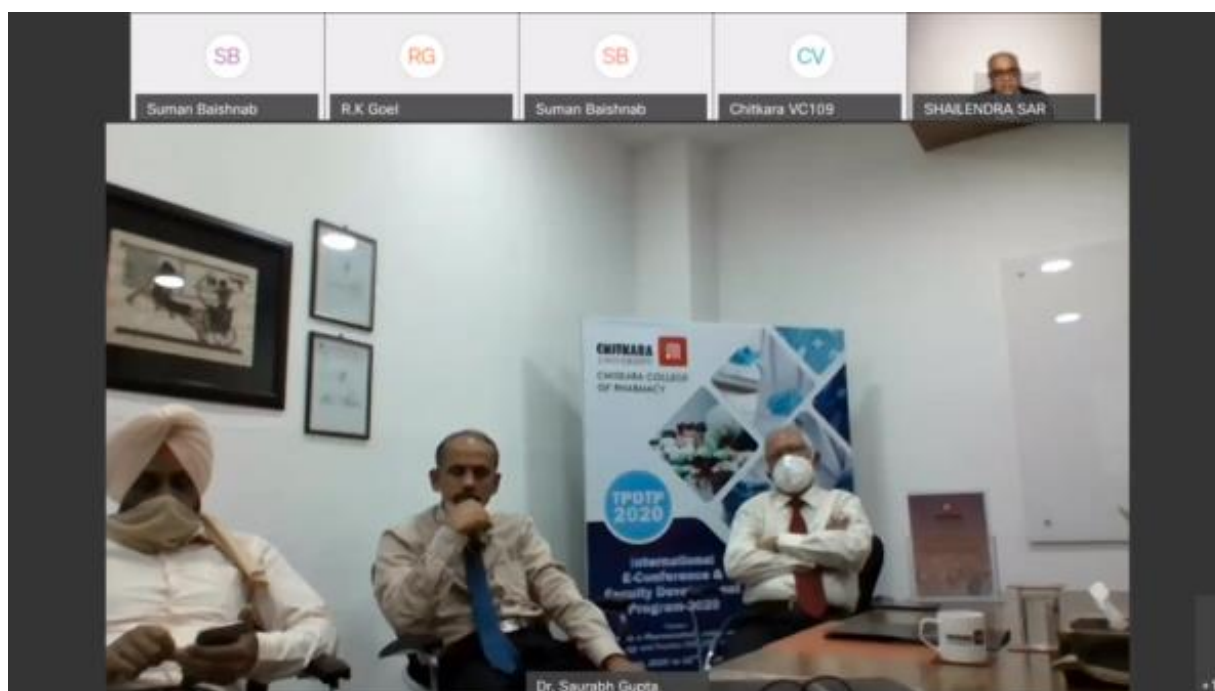
**Valedictory Chair Session:** Dr Madhu Chitkara, Hon Pro Chancellor, Chitkara University Punjab

Chitkara College of Pharmacy, Chitkara University, Punjab didn't let the current conditions to hamper the process of teaching and learning. The institute through the E – Learning resources conducted an International e-Conference & e-Faculty Development Program (TDPTP-2020) from 17<sup>th</sup> to 22<sup>nd</sup> August 2020, where experts from various fields had shared their view in their field of expertise. During this current Pandemic (COVID – 19), the institute continued to deliver its expert services to the students.

The session was convened by Dr. Sandeep Arora, Professor & Dean, Chitkara College of Pharmacy, Chitkara University, Punjab and was organized by Dr. Thakur Gurjeet Singh, Asst. Dean & Assoc. Professor, Chitkara College of Pharmacy, Chitkara University, Punjab.

The panellists in spite of their busy schedule had spared time for the faculties and students various institutions. The institute had the privilege to deliver her experience to the participants.

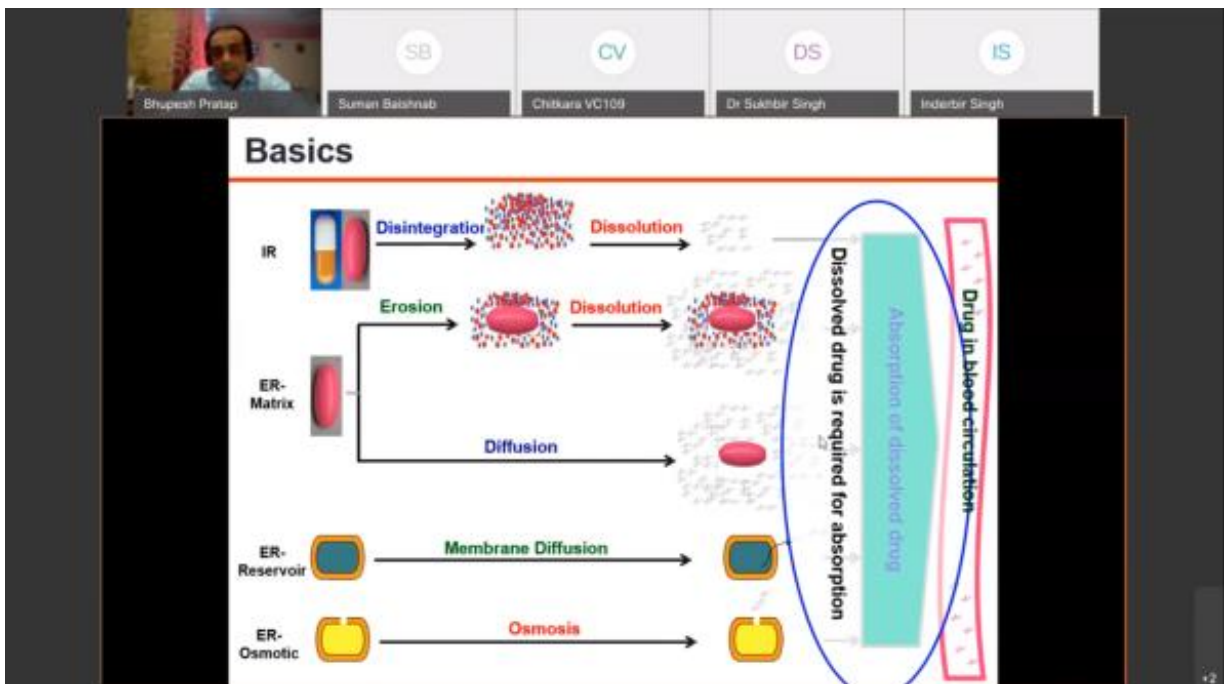
Approximately 200 students from B. Pharm, M. Pharm & Pharm D attended this session which was very useful for them. A round of discussion was also conducted after the session, where the students were given a chance to ask their queries and were also given a chance to share their thoughts and views over the topic.



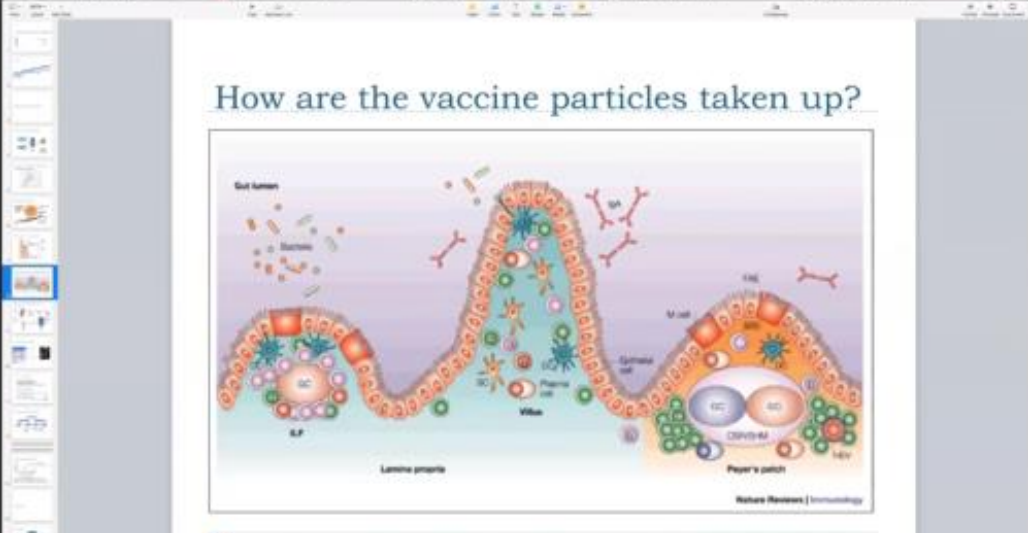
Dr Sandeep Arora along with other dignitaries welcoming the session experts and participants.



Dr B. Suresh, President, Pharmacy Council of India, addressing the session with his valuable words.



Mr Bhupesh Pratap, Sr Principal Scientist, Perrigo Inc delivering his technical session.



How are the vaccine particles taken up?

The diagram illustrates the process of vaccine uptake in the gut. It shows the gut lamina propria and Peyer's patches. Key components labeled include: Gut lamina, Lamina propria, Peyer's patch, DC (Dendritic Cell), M (Macrophage), T cell, and DC (Dendritic Cell). The diagram shows vaccine particles (represented by small orange and green shapes) being taken up by these cells. The source is cited as 'Nature Reviews | Immunology'.

Dr Prasanna Kolluru, Sr Formulation Scientist, Medfill Inc, Illinois delivering her technical session.



## ORGANIZING COMMITTEE

### PATRONS

Professor (Dr.) Ashok Chitkara  
Chancellor | Chitkara University, Punjab

Professor (Dr.) Madhu Chitkara  
Pro-Chancellor | Chitkara University, Punjab

### CONVENER & CHAIRMAN

Professor (Dr.) Sandeep Arora,  
Director, Chitkara College of Pharmacy  
Chitkara University, Punjab

### ORGANIZING SECRETARY

Dr. Thakur Gurjeet Singh,  
Associate Professor & HOD,  
Chitkara College of Pharmacy | Chitkara University, Punjab

### CORE COMMITTEE MEMBERS

Dr. Poonam Arora

Dr. Balraj Saini

Dr. Neelam Sharma

Dr. Varinder Singh

Ms. Vandana

Dr. Manjinder Singh

Dr. Amit Kumar

Dr. Madhukar Garg

Dr. Rakesh Kumar

Mr. Onkar Bedi

Dr. Abhimanyu Prashar

Dr. Suman Baishnab

Ms. Rashmi Arora

Dr. Amit Kumar

Dr. Deepinder Singh

Dr. Arun Dhiman

Ms. Pratibha Sharma

Ms. Heena Khan

Ms. Malkeet Kaur

Ms. Sonia Sethi

Ms. Komal Thapa

Dr. Sumit Sharma

Ms. Rupinder Kaur

Ms. Shareen Singh

Dr. Monica Rani

Dr. Deepika Rana

Ms. Janita Chander

Ms. Loveleen Kaur

Ms. Anureet Kaur

Ms. Kiranjeet Kaur

Ms. Ameya Sharma

Mr. Vivek Puri

Dr. Ajmer

Ms. Neha

Dr. Tapan Behl

Dr. Ritchu Babbar



### ADMINISTRATIVE OFFICE

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### UNIVERSITY CAMPUS

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