
Report on 2nd National Current Good Manufacturing(cGMP) Day and Hands on Training Program Organized by Faculty of Pharmacy

Communication Cell IUL <communications@iul.ac.in>
Bcc: phfc@iul.ac.in

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**A report on 2nd National Current Good Manufacturing(cGMP) Day and Hands on Training Program
(9th-10th October, 2024)
Organized by: Faculty of Pharmacy
Integral University, Lucknow.**

Topic: *Current Good Manufacturing Practice(cGMP): Application and Importance*

National Current Good Manufacturing Practice (cGMP) Day was inaugurated in India on October 10, 2023. This initiative, launched by the government in collaboration with the Indian Drugs Manufacturers' Association (IDMA), aims to raise awareness about cGMP guidelines in pharmaceutical production. The focus is on improving the quality and safety of Indian pharmaceutical products, addressing recent concerns over substandard drug exports, including cases involving faulty cough syrups.

The event seeks to promote compliance with global manufacturing standards and encourage the industry to adopt best practices. Key industry stakeholders, regulatory bodies, and academic institutions are participating in this effort to ensure better patient safety and elevate India's reputation in global healthcare markets.

The Faculty of Pharmacy, Integral University celebrated Current Good Manufacturing Practice (cGMP) Day by organizing a hands-on training program and an expert lecture. Faculty and students participated in interactive sessions to gain practical insights into GMP standards. The event aimed to bridge academic learning with real-world pharmaceutical practices, encouraging compliance with global standards in compliance to SDGs 7,8,9 & 12.

Day 1

Session 1: Hands on Training on FTIR: Principle, Applications and Standard Operating Procedure

Session Coordinators: Dr Mohammad Shariq & Dr. Shom Prakash Kushwaha

Session 2: Hands on Training on HPLC: Principle, Applications and Standard Operating Procedure

Session Coordinators: Dr Mohammad Shariq & Dr. Shom Prakash Kushwaha

The Faculty of Pharmacy at Integral University celebrated cGMP Day by conducting a hands-on training program under the supervision of Prof. Wahajul Haq, Dean of Research & Development. The workshop provided postgraduate students with practical insights into the interpretation of pharmaceutical compounds using Fourier Transform Infrared (FTIR) Spectroscopy and High-Performance Liquid Chromatography (HPLC).

Dr. Shom Prakash Kushwaha (Associate Professor) and Dr. Mohammad Shariq (Assistant Professor) led the sessions, delivering detailed instructions on the principles, standard operating procedures, and practical handling of these instruments. The focus was on the characterization of pharmaceutical substances, emphasizing both theoretical and applied aspects of FTIR and HPLC.

The participants, who included Master's students specializing in Pharmaceutical Chemistry, Pharmacology, and Pharmaceutics, gained hands-on experience in operating the equipment. This immersive training enabled them to

understand real-world applications of these advanced analytical techniques, preparing them for careers in research and pharmaceutical manufacturing.



Day 2

Session 1: Expert Lecture on the topic “Current Good Manufacturing Practice(cGMP): Application and importance”

Session Coordinators: Dr Usama Ahmad & Ms. Archita Kapoor

Session 2: Discussion, Key Takeaways and Quiz

Session Coordinators: Dr. Poonam Kushwaha, Dr. Abdul Hafeez & Dr. Mohammad Ahmad

Internal Discussion Panel: Dr. Poonam Kushwaha, Dr. Abdul Hafeez, Dr. Irfan Khan, Dr. Tarique Mahmood

Guest Speaker: Mr. Kamlesh Kumar Mishra, Inspector of Drugs, Govt. of Uttar Pradesh, District-Amethi
Mr. Kamlesh Kumar Mishra delivered an insightful lecture on Current Good Manufacturing Practices (cGMP), emphasizing their practical application and significance in today’s pharmaceutical industry. He highlighted the pivotal role of cGMP in ensuring the quality, safety, and efficacy of pharmaceutical products and its relevance in the rapidly evolving regulatory landscape.

In addition to cGMP, Mr. Mishra elaborated on various other accreditations critical to pharmaceutical manufacturing and explained their importance in maintaining high industry standards. Drawing from his extensive experience as an Inspector of Drugs, Government of Uttar Pradesh, he shared real-world insights and stressed the importance of compliance with regulatory frameworks to foster trust and innovation in the industry.

Mr. Mishra also encouraged students to actively engage with professional learning opportunities. He urged them to cultivate enthusiasm, sharpen their skills, and contribute meaningfully to society through their professional endeavors.

Following his lecture, an open group discussion was held, involving both the guest and an internal discussion panel. This interactive session provided participants with a platform to seek clarifications and explore the concepts discussed further.

The event concluded with a heartfelt vote of thanks delivered by Dr. Tarique Mahmood, acknowledging Mr. Mishra's valuable insights and the participants' active involvement.



Prof. (Dr.) Juber Akhtar,
Head,
Department of Pharmacy.

Prof. (Dr.) Syed. Misbahul Hasan,
Dean,
Faculty of Pharmacy