
Report on 3rd National Current Good Manufacturing Practices (cGMP) Day and Hands-on Training Program celebrated by Faculty of Pharmacy

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Report on 3rd National Current Good Manufacturing Practices (cGMP) Day and Hands-on Training Program
(October 10, 2025)

Theme: "Current Good Manufacturing Practice (cGMP) for Sustainable Quality"

The **3rd National Current Good Manufacturing Practices (cGMP) Day, 2025** was celebrated with great enthusiasm by the **Faculty of Pharmacy**, in collaboration with the **School of Pharmaceutical Sciences** and the **College of Pharmacy Integral University**. This annual event is observed globally on **October 10** to raise awareness about the importance of compliance with **Current Good Manufacturing Practices (cGMP)** in ensuring the quality, safety, and efficacy of pharmaceutical products. The primary objective of the event was to promote awareness and understanding of *Current Good Manufacturing Practices (cGMP)* among students, researchers, and professionals. cGMP represents a comprehensive set of regulatory guidelines that ensure the consistent production of pharmaceutical products that meet defined quality standards. These practices emphasize every aspect of manufacturing—from raw material selection, facility design, and equipment maintenance to personnel training and documentation. By adhering to cGMP principles, the pharmaceutical industry ensures that medicines are safe, effective, and of assured quality, thereby safeguarding public health. The event also underscored the role of cGMP in advancing sustainability within the pharmaceutical sector. In alignment with the **Sustainable Development Goals (SDGs)**, cGMP practices contribute significantly to achieving the following objectives: **SDG 7 (Affordable and Clean Energy)**: Through the promotion of energy-efficient production processes and the responsible use of resources, cGMP encourages industries to adopt clean technologies that minimize environmental impact. **SDG 8 (Decent Work and Economic Growth)**: cGMP ensures safe working environments, professional skill development, and ethical labor practices, thereby supporting inclusive and sustainable industrial growth. **SDG 9 (Industry, Innovation, and Infrastructure)**: By fostering innovation in quality control systems and manufacturing technologies, cGMP strengthens industrial infrastructure and promotes resilient, technology-driven production ecosystems. **SDG 12 (Responsible Consumption and Production)**: cGMP promotes waste reduction, sustainable material management, and efficient use of inputs, thus aligning pharmaceutical manufacturing with global efforts toward responsible production patterns. Overall, the celebration aimed to bridge the gap between academic learning and industrial practices by fostering meaningful discussions on how regulatory compliance, ethical manufacturing, and sustainability can work hand in hand. The initiative encouraged participants to view cGMP not only as a quality assurance framework but also as a key driver for sustainable development and responsible innovation in the pharmaceutical industry.

Inaugural Session and Expert Lecture

The program commenced with the **floral welcome** of the distinguished guest speaker, **Dr. Rahul Shukla**, Associate Professor, **Department of Pharmacy, NIPER, Raebareli**, by **Prof. Juber Akhtar**, Head, **Department of Pharmacy, Integral University**. In his welcome address, Prof. Akhtar highlighted the academic achievements of the Department, which offers programs in **D.Pharm, B.Pharm, M.Pharm, Pharm.D**, and **Ph.D.**, and consistently ranks among the **top 40 pharmacy institutions in India under NIRF**. He emphasized the importance of adhering to cGMP and **Schedule M** guidelines to prevent incidents recently happened in Madhya Pradesh where 13 children were died by the use of adulterated expectorant syrups, where the use of diethylene glycol led to fatal contamination in a cough syrup preparation. He also stressed the pivotal role of the **Quality Assurance Department** and **Quality by Design (QbD)** principles in ensuring compliance and excellence in pharmaceutical manufacturing.

The keynote address was delivered by **Dr. Rahul Shukla**, who presented an insightful lecture on “Current Good Manufacturing Practices (cGMP) for Sustainable Pharmaceutical Quality.”

He elaborated on the fundamental objectives, regulatory framework, and ethical imperatives of cGMP, underlining its role in safeguarding public health. Dr. Shukla discussed the importance of equipment calibration, accurate labeling, and adherence to Standard Operating Procedures (SOPs) as essential aspects of GMP compliance. He further emphasized India’s global responsibility as a major manufacturer of generic medicines and the need to prioritize ethical practices over cost-driven production. The lecture concluded with an engaging interactive session, where students and faculty members actively participated and discussed real-world applications of cGMP principles.



Workshop on Quality Control Instruments

A hands-on training workshop on “Handling of Quality Control Instruments” was organized under the supervision of **Dr. Abdul Hafeez, Dr. Mohammad Javed Ansari, Dr. Farhan Mazahir, Mr. Abdurrahman** and **Mr. Zameer Ansari** with other faculty members of the Department of Pharmacy. The practical session provided participants with exposure to instruments commonly used in quality control laboratories, including the **Tablet Punching Machine, Tablet Disintegration Apparatus, Dissolution Apparatus, Friability Tester, and Tablet Hardness Tester (Tensiometer)**. Around **100 students** from **B.Pharm, D.Pharm, and Pharm.D programs** participated actively, gaining valuable practical experience. The faculty demonstrators explained the operational principles, standard procedures, and troubleshooting methods related to each instrument. The workshop successfully bridged the gap between theoretical knowledge and industrial application.



Online Quiz Competition

As part of the celebration, an **online quiz competition** was organized parallel on the theme **“Current Good Manufacturing Practice (cGMP) for Sustainable Quality.”** The quiz aimed to test and enhance students’ knowledge of **GMP guidelines, Schedule M regulations, and quality assurance principles.**

Students from various pharmacy programs participated enthusiastically, demonstrating their awareness of global pharmaceutical standards. About 147 students were actively participated in the quiz and about 120 students were got more than fifty percent marks. Those students who secured more than 50 percent marks were awarded with e-certificates. The result was declared without any bias and was minutely observed. The quiz was successfully organized by the faculty members Dr. Md. Faheem Haider, Dr. Farhan Mazahir and Mr. Syed Mehndi Hasan Zaidi.

Vote of Thanks and Closing Ceremony

The event concluded with a heartfelt Vote of Thanks delivered by **Prof. (Dr.) Juber Akhtar**, Head, Department of Pharmacy, Integral University, Lucknow. He expressed his gratitude to the Hon'ble Prof. Syed Misbahul Hasan (Dean, Faculty of Pharmacy), the distinguished guest speaker **Dr. Rahul Shukla**, the organizing team, faculty members, and all participating students for their active involvement and valuable contributions in making the 3rd National cGMP Day a resounding success. Prof. Akhtar highlighted the importance of continuous learning, adherence to quality standards, and collaborative efforts in achieving excellence in pharmaceutical education and practice. He also extended special thanks to the **Convener – Prof. (Dr.) Syed Misbahul Hasan**, and the **Core Committee Members – Prof. (Dr.) Badruddeen, Prof. (Dr.) Vaseem Ahmad Ansari, Prof. (Dr.) Tarique Mahmood, Prof. (Dr.) Poonam Kushwaha, Prof. (Dr.) Shazia Usmani, Dr. Irfan Aziz, Dr. Abdul Baseer Khan, Dr. Mohammad Irfan Khan, and Dr. Mohammad Ahmad** for their continuous guidance and support.

Acknowledgment was also given to the respective committees for their efforts and dedication:

- **Stage Committee:** Dr. Reshu Tiwari, Dr. Manvi, Dr. Aditya Singh and Ms. Rabia Aqeel
- **Workshop Committee:** Dr. Abdul Hafeez, Dr. Mohammad Javed Ansari, Dr. Farhan Mazahir, Mr. Abdurrahman and Mr. Zameer Ansari
- **Quiz Committee:** Dr. Md. Faheem Haider, Dr. Farhan Mazahir and Mr. Syed Mehdi Hasan Zaidi
- **Certificate Committee:** Dr. Farogh Ahsan, Dr. Asad Jamal Ansari
- **Anchors:** Dr. Gazala Noor and Dr. Rufaida Waseem
- **Report Preparation:** Dr. Usama Ahmad and Dr. Ahsan Ahmed Khan

The program concluded with the rendition of the **National Anthem**, symbolizing unity, pride, and commitment toward professional and national integrity.

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

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