



NOIDA INSTITUTE OF ENGINEERING AND TECHNOLOGY  
(PHARMACY INSTITUTE), GREATER NOIDA, U.P. 201306

## A Report on

# Pharmaceutical Quality & Compliance: Ensuring Safety and Efficacy

Noida Institute of Engineering and Technology (Pharmacy Institute), Greater Noida, organized a short-term certification course for Bachelor of Pharmacy students on the topic “**Pharmaceutical Quality & Compliance: Ensuring Safety and Efficacy**” from **13<sup>th</sup> May 2024 to 15<sup>th</sup> May 2024**. 60 students of the Bachelor of Pharmacy have participated.

A three-day certification course on "**Pharmaceutical Quality & Compliance: Ensuring Safety and Efficacy**" was conducted to provide participants with a comprehensive understanding of pharmaceutical quality assurance, regulatory compliance, and safety standards. The course aimed to equip professionals with essential knowledge on maintaining drug quality, adhering to regulations, and ensuring patient safety. On the first day, **Dr. Javed Ali**, Professor, Jamia Hamdard, was introduced to the fundamentals of pharmaceutical quality management. The session covered Good Manufacturing Practices (GMP), Good Laboratory Practices (GLP), and the significance of quality control in drug development. Case studies on quality failures and their impact on public health were analyzed.

The second day, **Dr. L.K. Ghosh**, Professor, Jadavpur University, explored the global regulatory frameworks, including **FDA, EMA, CDSCO, and WHO** guidelines. Participants learned about the drug approval process, dossier submissions, and compliance requirements. Special attention was given to pharmacovigilance, adverse drug reaction (ADR) monitoring, and risk management strategies to ensure product safety post-market release.

On the final day, **Dr. Rupa Mazumder**, Dean, NIET (Pharmacy Institute), discussed the industry best practices for maintaining quality and compliance. Further exploration about quality audits, documentation standards, and deviation management was covered. The course concluded with an interactive workshop where participants engaged in problem-solving scenarios related to regulatory challenges and compliance issues.

By the end of the course, attendees gained practical insights into pharmaceutical quality and compliance, enabling them to apply regulatory knowledge and risk assessment strategies in real-world settings. This certification helped professionals enhance their expertise in ensuring drug safety, efficacy, and adherence to global regulatory standards.

