NOIDA INSTITUTE OF ENGINEERING AND TECHNOLOGY

(PHARMACY INSTITUTE), GREATER NOIDA, U.P. 201306

A Report on

Data Standardization: Principles and Practices

A three-day certification course titled **"Data Standardization: Principles and Practices"** was successfully conducted by the Noida Institute of Engineering and Technology (Pharmacy Institute), Greater Noida, from **27th August 2024 to 29th August 2024**. The course aimed to enhance students' understanding of data management and its importance in the pharmaceutical and healthcare sectors. The course began with an inaugural session, where participants and experts were welcomed by **Dr. Rajnish Kumar**, Associate Professor, NIET (Pharmacy Institute), and introduced to the objectives of the program. Expert speakers from both academia and industry delivered insightful sessions focusing on the importance of standardized data in ensuring accuracy, consistency, and quality across systems.

On the first day, **Mr. K.P. Singh**, QA Head, Akums Pharmaceuticals, Haridwar, introduced the foundational concepts of data standardization, including types of data, sources, and the significance of maintaining uniformity in data sets. The second day, **Mr. Harish**, Senior Analyst, Pharmazz India Pvt. Ltd., emphasized data cleaning techniques, standard operating procedures, and the use of digital tools to streamline data. Real-life case studies were discussed to help students relate theoretical knowledge to practical applications. The final day, **Mr. Yatendra Kumar**, Regulatory Affairs, Felix Generics Pvt. Ltd., focused on regulatory aspects, data integrity, and compliance in pharmaceutical and clinical data handling. Interactive discussions and Q&A sessions encouraged active participation and critical thinking. The program concluded with positive feedback from participants and the distribution of certificates. Overall, the course proved to be highly beneficial in equipping students with essential data handling skills relevant to modern pharmaceutical practices.