



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

A Report on **Smart Pharma: Certification in AI and Robotics Applications**

A three-day certification course titled “**Smart Pharma: Certification in AI and Robotics Applications**” was successfully conducted by the Noida Institute of Engineering and Technology (Pharmacy Institute), Greater Noida, from **20th August 2024 to 22nd August 2024**. The program aimed to provide students with a comprehensive understanding of how Artificial Intelligence (AI) and Robotics are transforming the pharmaceutical industry.

The session commenced with a warm welcome and introduction of the invited experts by **Dr. Avijit Mazumder**, Director, NIET (Pharmacy Institute). The inaugural lecture was delivered by **Dr. Suneel Kumar Bvas**, Head of Computational Science at SCI Lifescience, who introduced the fundamentals of **Artificial Intelligence, Machine Learning, and Robotics**, along with their practical applications in drug discovery, development, manufacturing, and patient care. On the second day, **Dr. Seema Mittal**, Scientist at Prescience Insilico, provided valuable insights into the current trends and prospects of smart technologies in the pharmaceutical sector. The final day featured a session by **Dr. Avinash Mishra**, CEO of Growdea, who emphasized how automation and intelligent systems are enhancing efficiency, accuracy, and innovation across various pharmaceutical practices.

These interactive sessions, case studies, and hands-on demonstrations allowed students to gain practical exposure and deepen their conceptual understanding. Students actively participated in discussions and showcased a keen interest in exploring the role of digital technologies in modern healthcare. The program concluded with the distribution of certificates to all participants. Overall, the certification course proved to be an enriching experience, empowering students with relevant knowledge and skills to stay updated with emerging technological advancements in the pharmaceutical domain.

