



College of Pharmaceutical  
Sciences and Drug Manufacturing  
A college accredited by "NAQAAE"



PI 902

## **COURSE DESCRIPTION:-**

This course is a continuation of the study of the various unit operations in pharmaceutical industry with emphasis on emulsification, crystallization, and size enlargement involved in the process development, scale-up manufacturing of pharmaceutical drug products problems, and advanced drug technology such as nanomedicine and 3D printing technologies. In addition to the container/closure systems, some of the packaging processing methods and labelling and product summaries. Moreover, material of construction and plant safety measures, and introduction to regulatory affairs and global regulatory strategies.

