



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



PG 504

COURSE DESCRIPTION:-

The aim of the course is to ensure that the students have the necessary knowledge about quality control from herbal aspects. It also covers modern Chromatographic and separation techniques employed for evaluation of natural products and their constituents: Adsorption chromatography, partition chromatography, paper chromatography, thin layer chromatography, gel chromatography and ion exchange chromatography. Also, the advanced types and their applications: High pressure liquid chromatography (HPLC), gas liquid chromatography (GC) as well as LCMS. Students have laboratory activities for these types of chromatography. It includes an overview on forensic pharmacognosy including plants and their natural products that constitute health hazards, or intended for criminal uses to produce, abortion, loss of mental control, hallucination and heart arrest. Also it includes Mycotoxins as a series threat to general health and safety of community, contamination of food materials and poisonous fungi.