



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



PG 505

COURSE DESCRIPTION:-

Based on complementary medicine and Egyptian plants the students should have the necessary knowledge about natural extracts, bio active raw materials as Volatile oils (methods of extraction / hydrocarbons; alcohols; phenols; aldehydes; ketons ; esters ; oxides, peroxides, organo-nitrogen &organo-sulphur in volatile oils), resins and miscellaneous terpenoids. Also, the students must make use of information about Carbohydrates (monosaccharide; oligosaccharides & polysaccharides). In addition; they should recognize bitter principles. Laboratories inspect volatile oils and carbohydrates. The students should learn about different techniques of preparations, identifications, isolations and analysis of different plant constituents and their pharmacological activity and medicinal uses.

