



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



CPC 804

COURSE DESCRIPTION:-

The course is designed to introduce the students to clinical pharmacokinetics and its applications, non-compartmental pharmacokinetics and moment analysis. Drug distribution and drug clearance mechanisms, IV infusion kinetics and kinetics following extra-vascular dosing, metabolite kinetics, multiple-dose kinetics, non-linear pharmacokinetics, dosage regimen design, dosage individualization of drugs of narrow therapeutic index especially in patients with compromised renal and hepatic function.

