



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
(Established by Andhra Pradesh Act No.30 of 2008)
Kukatpally, Hyderabad – 500 085, Andhra Pradesh (India)

B. PHARMACY

I YEAR

Code	Subject	T	C	P	C
	Remedial Mathematics/ Remedial Biology	4+1/2+1	8/4	0/3	0/4
	Dispensing and General Pharmacy	3+1	6	3	4
	Pharm. Inorganic Chemistry	4+1	8	3	4
	Pharmaceutical Organic Chemistry-I	3+1	6	3	4
	Anatomy, Physiology and Health education	3+1	6	3	4
	English	2	4	2	2
	Total	24/22	38/34	14/17	18/22

II YEAR I SEMESTER

Code	Subject	T	C	P	C
	Pharmaceutical Unit Operations –I	4+1	4	-	-
	Pharmaceutical Organic Chemistry – II	4+1	4	3	2
	Statistical Methods & Computer Applications	4+1	4	3	2
	Physical Pharmacy – I	4+1	4	3	2
	Anatomy, Physiology & Pathophysiology	4+1	4	3	2
	Total	25	20	20	8

II YEAR II SEMESTER

Code	Subject	T	C	P	C
	Pharmaceutical Unit Operations- II	4+1	4	3	2
	Pharmaceutical Biochemistry	4+1	4	3	2
	Pharmacognosy – I	4+1	4	3	2
	Physical Pharmacy – II	4+1	4	3	2
	Environmental Studies	4+1	4	-	-
	Total	25	20	20	8

III YEAR I SEMESTER

Code	Subject	T	C	P	C
	Pharmaceutical Analysis I	4+1	4	3	2
	Pharmaceutical Microbiology	4+1	4	3	2
	Pharmacognosy –II	4+1	4	3	2
	Pharmaceutical Technology –I	4+1	4	3	2
	Pharmacology -I	4+1	4	-	-
	Total	25	20	12	8

III YEAR II SEMESTER

Code	Subject	T	C	P	C
	Medicinal Chemistry – I	3+1	3	3	2
	Pharmaceutical Technology-II	3+1	3	3	2
	Pharmacology II	4+1	4	3	2
	Chemistry of Natural Products	4+1	4	3	2
	Pharmaceutical Jurisprudence	4+1	4	-	-
	Advanced Communication Skills Lab	-	-	3	2
	Total	23	18	15	10

IV YEAR I SEMESTER

Code	Subject	T	C	P	C
	Pharmacognosy III	3+1	3	3 (R13307)	2
	Biopharmaceutics and Pharmacokinetics	3+1	3	3 (R13308)	2
	Pharmacology III	4+1	4	3 (R13309)	2
	Medicinal Chemistry II	4+1	4	3 (R13310)	2
	Pharmacy Administration	4+1	4	-	-
	Seminar / Industrial Visit	-	-	-	2
	Total	23	18	12	10

IV YEAR II SEMESTER

Code	Subject	T	C	P	C
	Novel Drug Delivery Systems and Regulatory Affairs	3+1	3	3 (R13707)	2
	Pharmaceutical Biotechnology	4+1	4	3 (R13708)	2
	Pharmaceutical Analysis – II	3+1	3	3 (R13709)	2
	Human Values and Professional Ethics	4	4	-	-
	Clinical Pharmacy Practice	4+1	4	-	-
	Project work** & Comprehensive Viva	-	-	-	4
	Total	22	18	3	10

Note: All End Examinations (Theory and Practical) are of three hours duration.

T-Tutorial L – Theory P – Practical/Drawing C – Credits