



VAAGDEVI COLLEGE OF PHARMACY

Viswambhara Educational Society

(Affiliated to Kakatiya University)

Approved by A.I.C.T.E., PCI New Delhi & Recognised by Govt. of Telangana.

CO-PO ATTAINMENT SHEET ACADEMIC YEAR 2021-22

B.PHARMACY

S.NO	Course Code	Course Name	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11
1	BP101T	Human Anatomy and Physiology I – Theory	3		3			2.4		2.4	3		3
2	BP102T	Pharmaceutical Analysis I – Theory	3		1.2	1.8		2.4		1.8	2.4		1.8
3	BP103T	Pharmaceutics I – Theory	3	1.2	2.4	1.2	1.2	1.8	1.2	0.6	1.2	0.6	1.8
4	BP104T	Pharmaceutical Inorganic Chemistry – Theory	2		2		0.4	2			2	0.4	2
5	BP105T	Communication skills – Theory	3	1.2	0.6	3	1.8			3			3
6	BP106R	Remedial Mathematics – Theory	3	3	3		0.6	0.6	0.6			0.6	3
7	BP107P	Human Anatomy and Physiology – Practical	1.8	1.8	1.8	1.8					1.8		1.8
8	BP108P	Pharmaceutical Analysis I – Practical	1.2	0.6	0.6		0.6	1.2		0.6	1.2		0.6
9	BP109P	Pharmaceutics I – Practical	1.2	0.6			1.2	0.6			0.6		0.6
10	BP110P	Pharmaceutical Inorganic Chemistry – Practical	1.2	1.2	1.2	0.6		1.2		1.2	1.2	1.2	1.2
11	BP111P	Communication skills – Practical	1.2	0.6	1.2		0.6	1.2		0.6	1.2		0.6
12	BP201T	Human Anatomy and Physiology II – Theory	3		3			3	3	3			3
13	BP202T	Pharmaceutical Organic Chemistry I – Theory	3		2.4	1.8		1.2		1.2		1.2	2.4
14	BP203T	Biochemistry – Theory	3	2.4	1.8	1.8	1.2	1.8		1.8	1.2	1.2	1.8
15	BP204T	Pathophysiology – Theory	3		3			3	3	3			3
16	BP205T	Computer Applications in Pharmacy – Theory	3	2.4	1.8	1.8	1.2	0.6	0.6	1.8	1.2	1.2	1.8
17	BP206T	Environmental sciences – Theory	1.2	1.2			0.6	1.2			1.2		1.2
18	BP207P	Human Anatomy and Physiology II – Practical	1.8	1.8	1.2							0.6	1.2
19	BP208P	Pharmaceutical Organic Chemistry I – Practical	1.4	0.6		0.6		1.4		1.4		0.8	0.6
20	BP209P	Biochemistry – Practical	1.2	1.2	0.6	0.6		1.2		0.6	0.6	0.6	1.2
21	BP210P	Computer Applications in Pharmacy – Practical	3		2.4	1.8						1.8	1.2
22	BP301T	Pharmaceutical Organic Chemistry II – Theory	3	2.4	3	3		1.8		0.6	1.8	1.2	3
23	BP302T	Physical Pharmaceutics I – Theory	3	2.4	2.4	2.4	1.2	3	2.4	2.4	2.4	1.2	3
24	BP303T	Pharmaceutical Microbiology – Theory	3	3				3	3	3	3		3
25	BP304T	Pharmaceutical Engineering – Theory	3	1.2	1.2							1.8	2.4



26	BP305P	Pharmaceutical Organic Chemistry II – Practical	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
27	BP306P	Physical Pharmaceutics I – Practical	1.2	0.6	0.6	0.6	0.6	0.6	0.6	0.6	1.2	1.2	0.6	0.6	0.6	1.2	1.2	1.2	0.6	0.6
28	BP307P	Pharmaceutical Microbiology – Practical	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
29	BP308P	Pharmaceutical Engineering – Practical	3	0.6	3	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.2	1.2
30	BP401T	Pharmaceutical Organic Chemistry III – Theory	3	2.4	1.8	1.8	2.4	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	2.4	2.4	
31	BP402T	Medicinal Chemistry I – Theory	3		3															3
32	BP403T	Physical Pharmaceutics II – Theory	3		3															3
33	BP404T	Pharmacology I – Theory	3	1.8	1.8	1.8	2.4	1.2	1.2	1.2	1.2	1.2	0.6	1.8	1.8	1.8	1.8	1.8	1.8	1.8
34	BP405T	Pharmacognosy and Phytochemistry I – Theory	1.2	0.6	1.2	1.2	1.2													
35	BP406P	Medicinal Chemistry I – Practical	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.6	1.2	1.2	1.2	1.2	1.2	1.2	1.2
36	BP407P	Physical Pharmaceutics II – Practical	1.8	0.6	0.6	1.2	1.2													1.2
37	BP408P	Pharmacology I – Practical	1.2	1.2	0.6	0.6	0.6	0.6	0.6										1.2	0.6
38	BP409P	Pharmacognosy and Phytochemistry I – Practical	3	0.6	1.2	2.4	2.4												0.6	1.2
39	BP501T	Medicinal Chemistry II – Theory	3	3	3	3	3													3
40	BP502T	Industrial Pharmacy – Theory	3		3															3
41	BP503T	Pharmacology II – Theory	3	1.2	1.8	1.8	1.8	1.2	1.8	1.2	1.8	1.2	1.2	0.6	1.2	1.2	1.2	1.2	1.8	1.8
42	BP504T	Pharmacognosy and Phytochemistry II – Theory	3	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	3	3	2.4	3	3	3	2.4	2.4
43	BP505T	Pharmaceutical Jurisprudence – Theory	3	3	3	3	3												3	3
44	BP506P	Industrial Pharmacy – Practical	1.2	1.2	0.6	0.6	0.6												1.2	1.2
	BP507P	Pharmacology II – Practical	1.2	0.6	0.6														0.6	0.6
45	BP508P	Pharmacognosy and Phytochemistry II – Practical	1.2	0.6	0.6														0.6	0.6
46	BP601T	Medicinal Chemistry III – Theory	3	1.8	1.2	3													0.6	0.6
47	BP602T	Pharmacology III – Theory	3																	1.8
48	BP603T	Herbal Drug Technology – Theory	3	1.8	1.8	2.4	2.4	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.4	2.4
49	BP604T	Biopharmaceutics and Pharmacokinetics – Theory	3	2.4	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.4	2.4
50	BP605T	Pharmaceutical Biotechnology – Theory	2	1	1.2	0.8	1	1.6	1.8	0.6	1.4	0.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
51	BP606T	Quality Assurance – Theory	1.2	1.2	1.2	1.2	0.6												0.6	
52	BP607P	Medicinal chemistry III – Practical	1.8	1.8	1.8														1.8	1.8
53	BP608P	Pharmacology III – Practical	1.2	1.2	0.6														0.6	0.6
54	BP609P	Herbal Drug Technology – Practical	3	2.4	1.8	1.8	1.8	1.2	2.4	1.2	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	0.6	0.6
55	BP701T	Instrumental Methods of Analysis – Theory	3	1.8	1.8	1.8	1.8	1.2	2.4	1.2	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	0.6
56	BP702T	Industrial PharmacyII – Theory	3	1.8	1.8	2.4	1.2	1.8	1.8	1.2	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	0.6
57	BP703T	Pharmacy Practice – Theory	3	1.8	2.4	1.8	0.6	1.6	1.8	0.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	0.6	0.6
58	BP704T	Novel Drug Delivery System – Theory	2.6	1.8	1.6	2	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	0.4	1.6



59	BP705P	Instrumental Methods of Analysis – Practical	1.2	1.2	0.6				1.2		0.6	1.2			0.6
60	BP706PS	Practice School	3	3	3	3	3	3	3	3	3	3	3	3	3
61	BP801T	Biostatistics and Research Methodology	3	1.8	1.2	1.2	1.2	1.2	2.4		3	1.8	1.8	1.2	1.2
62	BP802T	Social and Preventive Pharmacy	3	1.8	0.6	1.2	1.2	1.2	2.4		3	1.8	1.8	1.2	1.2
63	BP806ET	Quality Control and Standardization of Herbals	3	1.8	1.8	1.8	1.8	1.2	2.4		3	1.8	1.8	1.8	1.2
65	BP810ET	Experimental Pharmacology	3	1.8	1.2	2.4	1.2	1.2	2.4		3	1.8	1.8	1.8	1.2
66	BP813PW	Project Work	3	3	3	3	3	3	3	3	3	3	3	3	3
DIRECT CO PO ATTAINMENT			2.38	1.59	1.72	1.81	1.22	1.87	1.91	1.7	1.86	1.49	1.71	1.71	1.71
Indirect Attainment			2.7	2.7	2.7	2	2.19	2.81	2.38	2	2.52	2.59	2.3	2.3	2.3
Total Attainment			2.44	1.81	1.92	1.85	1.41	2.06	2	1.76	1.99	1.71	1.83	1.83	1.83

Course Name	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO	PO
Total Attainment	2.44	1.81	1.92	1.85	1.41	2.06	2	1.76	1.99	1.71	1.83
Total Attainment											




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CO-PO ATTAINMENT SHEET ACADEMIC YEAR 2021-22 DEPARTMENT OF PHARM.D

S.NO	Course Code	Course Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
1	Pharm.D I.1	Human Anatomy and Physiology	3	1.2	3	0.6		1.2	1.2	2.4	2.4	0.6	2.4
2	Pharm.D I.2	Pharmaceutics	1.8	0.6	1.4	0.6	0.4	1	0.6	1.2	1.4	0.6	1.4
3	Pharm.D I.3	Medicinal Biochemistry	2.2	0.6	0.8	1.6	0.8	1	0.6	1.4	1.8	0.6	1.8
4	Pharm.D I.4	Pharmaceutical Organic Chemistry	2	0.6	1	1	0.6	0.6	0.6	1	1.4	0.6	1.6
5	Pharm.D I.5	Pharmaceutical Inorganic Chemistry	3	0.6	1.2	0.6		1.8	1.2	0.6	3	1.2	1.8
6	Pharm.D I.6	Remedial Mathematics/ Biology	3	1.2	3	0.6	0.6	1.8	1.2	2.4	1.8	1.8	1.8
7	Pharm.D I.1P	Human Anatomy and Physiology Lab	1.2		1.2	1.2							1.2
8	Pharm.D I.2P	Pharmaceutics	1.2		1.2	0.6	0.6			0.6		0.6	1.2
9	Pharm.D I.3P	Medicinal Biochemistry	1.2		1.2	1.2		0.6				0.6	1.2
10	Pharm.D I.4P	Pharmaceutical Organic Chemistry	2.25	1.5	2.25	1.5		1.5	1.5	1.5	2.25		1.5
11	Pharm.D I.5P	Pharmaceutical Inorganic Chemistry	1.5	1.5		1.5		0.75		1.5	0.75		1.5
12	Pharm.D II.1	Pathophysiology	3	0.6	2.4	1.2	1.8	1.8	1.2	2.4	2.4	1.8	1.8
13	Pharm.D II.2	Pharmaceutical Microbiology	3	1.8	0.6	1.8	1.8	1.8	1.2	1.8	2.4	0.6	2.4
14	Pharm.D II.3	Pharmacognosy & Phytopharmaceuticals	3	1.2	1.8	1.2	0.6	1.8	0.6	1.8	1.2	1.2	1.8
16	Pharm.D II.4	Pharmacology-I	3	1.2	3	0.6	1.2	1.2	1.2	1.8	1.8	1.8	2.4
17	Pharm.D II.5	Community Pharmacy	3	2	2.5	2	1.5	3	3	2	2.5	2.5	2
18	Pharm.D II.6	Pharmaceutical Microbiology-I	3	1.2	1.8	1.2	1.8	1.2	1.2	1.8	1.8	1.8	1.8
19	Pharm.D II.1P	Pharmaceutical Microbiology	1.2		1.2	1.2		0.6		0.6	0.6	0.6	1.2
		Pharmacognosy & Phytopharmaceuticals											
20	Pharm.D II.2P		2.25	1.5	1.5	1.5		1.5	1.5	1.5	2.25	0.6	1.2
21	Pharm.D II.3P	Pharmacotherapeutics-I	1.25	1.25		1.25	0.5	0.75	1.8	1.8	0.75	0.5	1.25
22	Pharm.D III.1	Pharmacology-II	3	1.8	1.2	2.4	2.4	2.4	1.8	1.8	3	1.2	2.4
23	Pharm.D III.2	Pharmaceutical Analysis	3	1.5	1.5	1.5	1.5	3	3	2.25	3	3	2.25



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25	Pharm.D III.4	Pharmaceutical Jurisprudence	3	0.5	0.5	0.5	1	2.5	2	0.5	3	1	1
26	Pharm.D III.5	Medicinal Chemistry	2.33	1.5	1.17	1.17	2.17	1.33	1.17	1.67	1.67	0.67	1.67
27	Pharm.D III.6	Pharmaceutical Formulations	3	2.25	3	2.25		2.25	2.25	1.5	2.25	3	3
28	Pharm.D III.1P	Pharmacology-II	1.2	0.6	1.2	0.6		1.2	0.6	0.6	1.2	1.2	0.6
29	Pharm.D III.2P	Pharmaceutical Analysis	1.2		1.2		0.6	1.2	0.6	0.6	0.6		0.6
30	Pharm.D III.3P	Pharmacotherapeutics-II	1.2	0.6	0.6	0.6	0.6	0.6	0.6	1.2	1.2	0.6	0.6
31	Pharm.D III.4P	Medicinal Chemistry	1.2	0.6	1.2	0.6	0.6	0.6	1.2	0.6	1.2		1.2
32	Pharm.D III.5P	Pharmaceutical Formulations Lab	2.25	1.5	2.25	1.5		1.5	2.25	1.5	2.25		1.5
33	Pharm.D IV.1	Pharmacotherapeutics-III	3	2.5	1.5	1.5	1	1.5	2	1.5	2.5	1	2
34	Pharm.D IV.2	Hospital Pharmacy	3	3	1.2	3	1.2	2.4	3	2.4	3	3	3
35	Pharm.D IV.3	Clinical Pharmacy	3	1.2	1.2	2.4	1.2	1.2	1.2	1.8	2.4	1.2	2.4
36	Pharm.D IV.4	Biostatistics & Research Methodology	3	1.2	1.8	1.8	1.2	1.2	1.2	1.8	1.8	1.2	1.8
37	Pharm.D IV.5	Biopharmaceutics & Pharmacokinetics	3	2.25	1.5	2.25		3	1.5	3	3		2.25
38	Pharm.D IV.6	Clinical Toxicology	2.83	2.33	1.33	1.33	1	1	1.5	1.5	2	0.83	1.83
39	Pharm.D IV.1P	Hospital Pharmacy	3	3	1.2	3	1.2	2.4	3	2.4	3	3	3
40	Pharm.D IV.2P	Clinical Pharmacy	1.2	0.6	0.6		0.6	0.6	0.6	0.6	1.2		1.2
41	Pharm.D IV.3P	Biopharmaceutics & Pharmacokinetics Lab	2.25	3	1.5	3		2.25	0.75	2.25	3	0.75	
42	Pharm.D V.1	Clinical Research	3	0.6	1.8	2.4	1.8	1.8	1.8	1.2	2.4	1.8	1.8
43	Pharm.D V.2	Pharmacoepidemiology and	3	1	2.5	2.5	1	3	3	2.5	3	1	3
44	Pharm.D V.3	Clinical Pharmacokinetics & Pharmacotheapeutic Drug Monitoring	3	3	3	3		3	3		3	3	
Direct PO / PSO Attainment			2.39	2.00	2.10	2.30	2.00	2.40	2.30	2.11	2.01	2.10	2.00
Indirect Attainment			2.8	2.5	2.8	2.5	2	2.8	2.8	2	2.5	2.2	2.3
Total Attainment			2.47	2.1	2.24	2.34	2	2.48	2.4	2.09	2.11	2.12	2.06



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