

VAAGDEVI PHARMACY COLLEGE

Subject Code	PS805	Year/Sem	IV-II
Subject Name	NANO TECHNOLOGY	Academic Year	2022-2023



S.NO	Roll Number	Mid-I					Assigmn ent-I	Total of Mid-I	Mid-II					Assigmn ent-II	Total of Mid-II	Avg of 2 Mid Exams	INTERNAL ASSESSMENT					
		M1Q1 CO1	M1Q2 CO2	M1Q3 CO3	M1Q4 CO3	Quiz			M2Q1 CO4	M2Q2 CO4	M2Q3 CO5	M2Q4 CO5	Quiz				M2Q1 CO5	M2Q2 CO5	M2Q3 CO5	M2Q4 CO5	Quiz	CO1
1	19ED1R0001	5	5	5	5	10	5	25	5	5	5	5	10	5	25	5	5	5	5	5	10	5
2	19ED1R0002			4	4	4	5	23					4	4	9	5	22	23	25	4	4	10
3	19ED1R0003			3.5	4	4	5	21			3		4	3	9	5	5	25	25	3.75	9	
4	19ED1R0004															0	0	0	0			3
5	19ED1R0005			4	4	4	5	21			4		3.5	9.5	5	5	5	27	27	4	8	
6	19ED1R0006	3	3				0									0	0	0				3.5
7	19ED1R0007	2.5				9	5	20	3		2		3	7.5	5	19	20	20	3	3	2.5	
8	19ED1R0008			4	3	9	5	19		3.5			3	9.5	5	19	19	21	2.5	2	2.5	
9	19ED1R0009			4.5	4	8.5	5	21	3				2.5	9.5	5	20	21	21	3.5	3.5	3	
10	19ED1R0010			4.5	4	9.5	5	22	4				4	9	5	22	22	22	4.25	4	2.5	
11	19ED1R0011					9.5	5	23	4				4	9	5	22	23	23	4.25	4	4	
12	19ED1R0012			4.5	4.5	9	5	23							0	0	0	0			4	
13	19ED1R0013	4		4	4	9	5	22	4	3.5		4	3	9	5	21	22	22	4.5	4	3.5	
14	19ED1R0014			4	4	8	5	21	4					9.5	5	22	22	4	4	4	3.75	
15	19ED1R0015			4.5	4	9.5	5	23	3.5					9.5	5	22	22	22	4	4	3.75	
16	19ED1R0016						0		4				4	9	5	22	23	23	4.25	4	4	
17	19ED1R0017			4	4	10	5	23					3.5	8.5	5	21	22	22	4	4	4	
18	19ED1R0018						0		4						0	0	0	0			4	3.5
19	19ED1R0019						0								0	0	0	0				4
20	19ED1R0020	1		1	10	10	5	17						9	5	17	17	1	1	1	1	1.5
21	19ED1R0021			4.5	3.5	10	5	23	4	3.5		1	2	9	5	22	23	23	4	4	3.75	
22	19ED1R0022	1		1		7	5	14				3	2	9	5	19	17	1	1	1	2.5	
23	19ED1R0023						0								0	0	0	0				
24	19ED1R0024			4.5	4.5	10	5	24						9.5	5	22	23	23	4.5	4.5	3.75	
25	19ED1R0025	4		3	9	9	5	21	3.5			4	3	9	5	21	21	21	3	3	3.5	
26	19ED1R0026			4.5	3.5	9	5	22						9.5	5	21	21	22	4	4	3.5	
27	19ED1R0027						5	5						9.5	5	21	22	22				
28	19ED1R0028			4	2	9	5	20					3.5	9.5	5	22	21	21	3	3	3.5	
29	19ED1R0029			5	5	9	5	20						9.5	5	22	21	21	3	3	3.5	
30	19ED1R0030			5	5	9	5	24	3.5				4	9.5	5	22	23	23	3.5	3.5	3.5	

Vaagdevi Pharmacy College
Bollikunta, Warangal-506005 (T)

Principal

VAAGDEVI PHARMACY COLLEGE

SUBJECT NAME

CO-PO Mapping & PO Attainment Direct Method

NANO TECHNOLOGY

IV-II

Academic Year:

2022-23

B. Pharmacy

COURSE OUTCOMES AND PROGRAM OUTCOMES MAPPING

	Rubrics	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
Course outcome - 1	3	Y			Y			Y	Y	Y	Y	Y
Course outcome - 2	3	Y	Y		Y			Y	Y	Y	Y	Y
Course outcome - 3	3	Y		Y	Y			Y	Y	Y	Y	Y
Course outcome - 4	3	Y	Y		Y			Y	Y	Y	Y	Y
Course outcome - 5	2	Y		Y	Y			Y	Y	Y	Y	Y

COURSE OUTCOMES AND PROGRAM OUTCOMES ATTAINMENT

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
Course outcome - 1	3			3			3	3	3	3	3
Course outcome - 2	3	3		3			3	3	3	3	3
Course outcome - 3	3		3	3			3	3	3	3	3
Course outcome - 4	3			3			3	3	3	3	3
Course outcome - 5	2	2	2	2			2	2	2	2	2
PO ATTAINMENT	2.8	1.6	1.6	2.8			1.8	2.8	1.6	2.8	2.8
Overall PO Attainment	2.29										



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Bollikunta, Warangal-506005 (T.S.)

VAAGDEVI PHARMACY COLLEGE



Subject Code	PS102	Year/Sem	H
Subject Name	PHARMACEUTICAL ANALYSIS 1 1	Academic Year	2019-2020

S.NO	Roll Number	Mid-I					Assignm ent-I	Total of Mid-I	Mid-II					Assignm ent-II	Total of Mid-II	Avg of 2 Mid Exams	INTERNAL ASSESSMENT				
		MIQ1 CO1	MIQ2 CO2	MIQ3 CO3	Quiz	MIQ4 CO4			MIQ2 CO4	MIQ3 CO5	Quiz	MIQ1 CO1	MIQ2 CO2				MIQ3 CO3	MIQ4 CO4	MIQ5 CO5	CO1	CO2
1	19ED1R0001	3	3	5	10	5	25	5	4	5	10	5	25	25	5	5	5	5	5		
2	19ED1R0002	3	3		5	5	15	4	4	5	6	19	17	3	3	3	4	4			
3	19ED1R0003		3				16	4		5	4	17	17	3	3	3	4	4			
4	19ED1R0004	2					0				6	0									
5	19ED1R0005	3					13			5	5	17	15	3	3	2	2	3			
6	19ED1R0006						10			5	5	14	12	2	2	2	2	1			
7	19ED1R0007	1	1				10			5	6	14	12	1	1	2	2	1			
8	19ED1R0008	2					12			5	5	16	14	2	2	2	3	3			
9	19ED1R0009	2					17			5	5	19	18	2	2	3	4	4			
10	19ED1R0010	2	3				16			5	7	19	18	2	3	3	4	3			
11	19ED1R0011		1				10			5	5	18	14	1	1	4	4	3			
12	19ED1R0012	1	4				15			5	5	16	16	1	4	2.5	2.5	2.5			
13	19ED1R0013	3	1				13			5	5	17	15	3	2	3.5	3.5	3.5			
14	19ED1R0014	3	2				13			5	5	17	15	3	2	3.5	3.5	3.5			
15	19ED1R0015	2					17			5	5	18	18	2	4	3.5	3.5	3.5			
16	19ED1R0016						0				0										
17	19ED1R0017	2	1				12			5	5	19	16	2	1	4	4	4			
18	19ED1R0018	2	2				13			5	5	19	16	2	2	4	4	4			
19	19ED1R0019						0			5	6	17	9			3	3	3			
20	19ED1R0020		2				14				0	7			2	2					
21	19ED1R0021	2	2				16			5	5	16	16	2	2	3	3	3			
22	19ED1R0022	1					13			5	5	16	15	1	1	3	3	3			
23	19ED1R0023	2					12			5	5	17	15	2	2	2	2	3			
24	19ED1R0024	1	2				11			5	4	16	14	1	2	4	4	3			
25	19ED1R0025	1					14			5	5	20	17	1	1	3	3	4			
26	19ED1R0026						12			5	5	18	15			3	3	3			
27	19ED1R0027	1					16			5	5	18	17	1	1	4	4	4			

Principal

[Signature]

VAAGDEVI PHARMACY COLLEGE

CO-PO Mapping & PO Attainment Direct Method

Exam:	PHARMACEUTICAL ANALYSIS		
Class	I-I	Academic Year:	2019-2020
Course:	B.Pharmacy		

COURSE OUTCOMES AND PROGRAM OUTCOMES MAPPING

	Rubrics	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
Course outcome - 1	3	Y			Y		Y		Y	Y		Y
Course outcome - 2	3	Y		Y			Y		Y	Y		
Course outcome - 3	3	Y							Y	Y		
Course outcome - 4	3	Y		Y			Y		Y			Y
Course outcome - 5	3	Y					Y			Y		Y

COURSE OUTCOMES AND PROGRAM OUTCOMES ATTAINMENT

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	
Course outcome - 1	3	0	0	3	0	3	0	3	3	0	3	
Course outcome - 2	3	0	3	0	0	3	0	0	3	3	0	0
Course outcome - 3	3	0	0	0	0	0	0	3	3	0	0	0
Course outcome - 4	3	0	3	3	0	3	0	3	0	0	3	3
Course outcome - 5	3	0	0	3	0	3	0	0	3	3	0	3
PO ATTAINMENT	3		1.2	1.8		2.4		1.8	2.4		1.8	
Overall PO Attainment											1.6	

[Signature]





Viewambhara Educational Society
VAAGDEVI PHARMACY COLLEGE

Approved by AICTE, PCI-New Delhi & Affiliated to JNTUH
P.O. BOLLIKURUNTA, WARANGAL-506 005(Telangana State)

CO-PO ATTAINMENT SHEET ACADEMIC YEAR 2022-23

B.PHARMACY

SNO	Regulation, Year	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	R17, I-I	PS101	Human Anatomy and Physiology I	3	2.4	2.4		2.4	2.4		3	3		3
2	R17, I-I	PS102	Pharmaceutical Analysis I	3	1.2	1.8		2.4	1.8	2.4	1.8	2.4		1.8
3	R17, I-I	PS103	Pharmaceutics I	3	1.2	2.4	1.2	1.8	1.2	1.8	1.2	0.6	1.2	0.6
4	R17, I-I	PS104	Pharmaceutical Inorganic Chemistry-I	2.8	1.2	2.8	0.6	1	1.2	1.2	2.2	1.6	1.8	1.6
5	R17, I-I	HS105	Communication skills	3	1.2	0.6	3	1.8			3			3
6	R17, I-I	BS107	Remedial Mathematics ⁵	3	3	3		1.2	0.6	0.6			0.6	3
7	R17, I-I	PS108	Human Anatomy and Physiology-I lab	1.8	1.8	1.8	1.8					1.8		1.8
8	R17, I-I	PS109	Pharmaceutical Analysis-I lab	1.2	1.2	0.6		1.2	1.2		0.6	1.2		1.2
9	R17, I-I	PS110	Pharmaceutics I lab	1.2	0.6			1.2	0.6		0.6	0.6		0.6
10	R17, I-I	PS111	Pharmaceutical Inorganic Chemistry-I lab	1.2	1.2	1.2	0.6		1.2	1.2	1.2	1.2	1.2	1.2
11	R17, I-I	HS112	Communication skills lab	1.2	0.6	1.2		1.2	1.2		0.6	1.2		0.6
12	R17, I-II	PS201	Human Anatomy and Physiology II	3		3			3	3	3			3
13	R17, I-II	PS202	Pharmaceutical Organic Chemistry I	3		2.4	1.8		1.2		1.2		1.2	2.4
14	R17, I-II	BS203	Biochemistry	3	2.4	1.8	1.8	1.2	1.8		1.8	1.2	1.2	1.8
15	R17, I-II	BS204	Pathophysiology	3		3			3	3	3	3		3
16	R17, I-II	CS205	Computer Applications in Pharmacy	3	2.4	1.8	1.8	1.2	0.6	0.6	1.8	1.2	1.2	1.8
17	R17, I-II	PS206	Human Anatomy and Physiology II lab	1.2	1.2			1.2	1.2			1.2		1.2
18	R17, I-II	PS207	Pharmaceutical Organic Chemistry I lab	1.8	1.8	1.8							0.6	1.2
19	R17, I-II	BS208	Biochemistry lab	1.4	0.6				0.6		1.4		0.8	0.6
20	R17, I-II	CS209	Computer Applications in Pharmacy lab	1.2	1.2	0.6	0.6		1.2		0.6	0.6	0.6	1.2
21	R17, II-I	PS301	Pharmaceutical Organic Chemistry-II	3		2.4	1.8					1.8	1.8	1.2
22	R17, II-I	PS302	Physical Pharmaceutics-I	3	2.4	3	3		1.8		0.6	1.8	1.2	3



Principals

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23	R17, II-I	PS303	Pharmaceutical Microbiology	3	2.4	2.4	2.4	2.4	1.2	3	2.4	2.4	3	3	3
24	R17, II-I	PC304	Pharmaceutical Engineering	3	3					3	3	2.4	3	3	3
25	R17, II-I	PS305	Pharmaceutical Organic Chemistry-II Lab	3	1.2	1.2							3	1.8	2.4
26	R17, II-I	PS306	Physical Pharmaceutics-I Lab	1.2	1.2	1.2	1.2			1.2					1.2
27	R17, II-I	BS307	Pharmaceutical Microbiology Lab	1.2	0.6	0.6	0.6	1.2	1.2	1.2	0.6	0.6	1.2	1.2	1.2
28	R17, II-I	PC308	Pharmaceutical Engineering Lab	1.2	1.2	1.2			1.2			1.8	3	2.4	1.2
29	R17, II-II	PS401	Pharmaceutical Organic Chemistry-III	3	0.6	3	1.8						3	2.4	1.2
30	R17, II-II	PC402	Medicinal Chemistry-I	3	2.4	1.8	2.4	2.4	1.2	1.2			1.8	1.2	2.4
31	R17, II-II	PS403	Physical Pharmaceutics-II	3		3				3	3	3	3		3
32	R17, II-II	PC404	Pharmacology-I	3		3				3	3	2.4	3		3
33	R17, II-II	PC405	Pharmacognosy and Phytochemistry-I	3	2.4	1.8	2.4	2.4	1.2			1.8	1.8		1.8
34	R17, II-II	PC406	Medicinal Chemistry-I Lab	1.2	0.6	1.2	1.2				0.6				
35	R17, II-II	PS407	Physical Pharmaceutics-II Lab	1.2	1.2	1.2			1.2				1.2	1.2	1.2
36	R17, II-II	PC408	Pharmacology-I Lab	1.8	0.6	1.2	1.2			0.6	1.2		0.6	1.2	1.2
37	R17, II-II	PC409	Pharmacognosy and Phytochemistry-I Lab	1.2	1.2	1.2	1.2	0.6						1.2	0.6
38	R17, III-I	PS501	Medicinal Chemistry II	3	0.6	1.2	2.4			0.6	0.6			1.2	1.2
39	R17, III-I	PS502	Industrial Pharmacy - I	3	3	3	3			3	3			3	3
40	R17, III-I	PS503	Pharmacology II	3		3				3	2.4	0.6	3		3
41	R17, III-I	PS504	Pharmacognosy and Phytochemistry - II	3	1.2	1.8	1.8	1.2	1.8	1.2	1.2	0.6	1.2		1.8
42	R17, III-I	PS508	Cosmetic science	3	1.8	1.8	1.8	1.8	3	3	3	2.4	3	3	2.4
43	R17, III-I	PS509	Industrial Pharmacy Lab	3	3	3	3			3	3			3	3
44	R17, III-I	PS510	Pharmacology - II lab	1.2	1.2	0.6	1.2		1.2					1.2	1.2
45	R17, III-I	PS511	Pharmacognosy and Phytochemistry - II lab	1.2	0.6	0.6			0.6			0.6	0.6		0.6
46	R17, III-II	PS601	Medicinal Chemistry - III	3	1.8	1.2	3				1.2	0.6			0.6
47	R17, III-II	PS602	Pharmacology - III	3						3	3	1.2	3		1.8
48	R17, III-II	PS603	Herbal Drug Technology	3	1.8	1.8	2.4	1.8	1.2	1.8	1.8	1.8	1.8	1.8	2.4
49	R17, III-II	PS604	Biopharmaceutics and Pharmacokinetics	3	2.4	1.8	1.8	1.8	1.8	1.8	2.4	1.8	2.4	2.4	2.4
50	R17, III-II	PS606	Pharmaceutical Biotechnology	2	2.4	1.8	2.4	1.8	1.8	1.8	2.4	2.4	2.4	2.4	2.4
51	R17, III-II	PS609	Medicinal chemistry - III lab	1.2	1.2	1.2	1.2	1.2		1.2	1.2	0.6		1.2	2.4
52	R17, III-II	PS610	Pharmacology - III lab	1.8	1.8	1.8				1.2	1.8		1.8		1.8
53	R17, III-II	PS611	Herbal Drug Technology lab	1.2	1.2	1.2				0.6		0.6	1.2		0.6
54	R17, IV-I	PS701	Instrumental Methods of Analysis	3	2.4	1.8	1.8	1.2	2.4			3	1.8	2.4	0.6



Principal

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55	R17, IV-1	PS702	Industrial Pharmacy-II	3	2	1.8	1.8	1.8	1.8	2.4		3	1.8	1.8	0.6
56	R17, IV-1	PS703	Pharmacy Practice	3	2.4	1.8	2.4	2	2.4		3	1.8	1.8	0.6	
57	R17, IV-1	PS704	Novel Drug Delivery Systems	3	1.8	1.8	1.8	1.8	2.4		3	1.8	2.4	0.6	
58	R17, IV-1	PS708	Quality Control and Standardization of Herbs	2.6	1.8	1.6	2	2.4	1.6		1.6	0.4	1.6	1	
59	R17, IV-1	PS709	Instrumental Methods of Analysis Lab	1.2	1.2	0.6			1.2		0.6	1.2		0.6	
60	R17, IV-1	PS710	Practice School	3	3	3	3	3	3		3	3	3	3	
61	R17, IV-II	PS801	Biostatistics and Research Methodology	3	1.8	1.2	1.2	1.2	2.4		3	1.8	1.8	1.2	
62	R17, IV-II	PS802	Social and Preventive Pharmacy	3	1.8	1.2	1.2	1.2	2.4		3	1.8	1.2	1.2	
63	R17, IV-II	PS803	Pharmaceutical Jurisprudence	3	1.8	1.8	1.8	1.2	2.4		3	1.8	1.8	1.2	
65	R17, IV-II	PS805	Nano Technology	2.8	1.6	1.6	2.8			1.8	2.8	1.6	2.8	2.8	
66	R17, IV-II	PS808	Project Work	3	3	3	3	3	3		3	3	3	3	
DIRECT CO PO ATTAINMENT				2.4	1.9	1.8	2.1	1.8	2.01	1.94	1.81	2	1.9	1.76	
Indirect Attainment				2.7	2.7	2.8	2	2.19	2.81	2.38	2	2.52	2.59	2.3	
Total Attainment				2.46	2.06	2	2.08	1.88	2.17	2.03	1.85	2.1	2.04	1.87	



Vaagdevi
Principal

Vaagdevi Pharmacy College
Bollikunta, Warangal-506005 (T.S)

VAAGDEVI PHARMACY COLLEGE

Subject Code	PIC	Year	1
Subject Name	PHARMACEUTICAL INORGANIC CHEMISTRY		Academic Year
			2017-2018

S.N O	Roll Number	Mid-I						Mid-II						Mid-III						Sum of best 2 Mid Exams	Average of best 2 Mid Exams	INTERNAL ASSESSMENT					
		Mid-I		Mid-I		Mid-I		Mid-II		Mid-II		Mid-II		Mid-III		Mid-III		Mid-III				Mid-III		Mid-III			
		MO1 CO1	MO2 CO1	MO1 CO2	MO1 CO2	Total CO3	MO1 CO3	MO2 CO3	MO3 CO4	MO3 CO4	MO4 CO4	Total CO5	MO1 CO5	MO2 CO5	MO3 CO6	MO4 CO6	Total CO6	CO1	CO2			CO3	CO4	CO5	CO6		
1	17ED1T0001					30	10	10	10	30	10	10	10	30	60	30	15	15	20	10	10	10	10				
2	17ED1T0002	11		7	23	20		8	5	5	18		8	8	8	5	21	41	21	7.5	13	5	8	6.5			
3	17ED1T0003				12	23		5	5	5	15		8	4	3	15	38	19	11	12	10	5	8	3.5			
4	17ED1T0004				12	24		6	7	8	21		8	4	8	20	45	23	12	12	14	8	6	8			
5	17ED1T0005				12	25		5	7	7	4	16		5	9	7	21	46	23	12	13	12	5.5	5	8		
6	17ED1T0006	14		2	13	24		5	6	6	17		7	7	7	7	21	45	23	11	13	11	6	7	7		
7	17ED1T0007	10		6	16	16			6	7	0		7	4	7	18	34	17	8	8	11	8	7	7	5.5		
8	17ED1T0008	9		6	15	15		4	3	3	4	11		4	4	20	40	20	8	8	7	7	8	4	4		
9	17ED1T0010	11		11	22	22		6	8	8	8	22		8	8	14	29	15	7.5	7.5	4	4	5.5	3	3		
10	17ED1T0011				8	12	20		7	7	8	22		5	9	4	20	44	22	11	10	10	8	8	4		
11	17ED1T0012				4	14	18		7	7	6	21		4	4	18	42	20	8	12	7	7.5	7	5	5		
12	17ED1T0013	12		4	13	25		5	6	7	18		4	9	6	19	40	20	4	14	14	6	6.5	6	6		
13	17ED1T0014					0					0				8	16	43	22	12	13	12	7	8	8	8		
14	17ED1T0015				4	8	12		5	7	8	20		9	5	0	0	0	14	34	17	4	8	13	8	7	
15	17ED1T0016				2	12	14		4	8	6	18		7	5	14	32	16	2	12	10	6	7	7	3.5		
16	17ED1T0017				0.5	0.5	1				0				5	18	25	13	0.5	0.5				7	7	5.5	
17	17ED1T0018					0					2				6	17	23	12						6	5	5	
18	17ED1T0019	14			12	26		6	5	5	8	19		4	4	20	46	23	14	12	5	6.5	8	8	5		
19	17ED1T0020				2	9	11		3	4	5	12		8	8	4	0	23	12	2	2	9	4	4.5	8	5	
20	17ED1T0022				4	9	13		5	5	6	16		7	7	18	34	17	7.5	9	10	5.5	7	5	5		
No. of students attempted		7	15	14	20	10	15	15	9	20	13	16	8	15	20	20	19	18	14	14	16	16	18	17	17		
Max Marks Questions wise		15	15	15	30	10	10	10	10	30	10	10	10	10	30	60	30	30	15	15	20	10	10	10	10		
Threshold 50%		7.5	7.5	7.5	15	5	5	5	5	15	5	5	5	5	15	30	15	15	7.5	7.5	10	5	5	5	5		
No. of Students above threshold		7	5	13	13	8	12	14	7	14	11	15	5	8	15	15	14	13	13	10	10	14	18	12			
% of Students > Target Score		100	33.34	82.9	65	80	80	93.3	77.8	70	84.62	93.8	62.5	53.3	75	75	73.69	72.2	92.9	62.5	87.5	100	70.59	70.59			
Attainment Level		3	1	3	2	3	3	3	3	3	3	3	2	1	3	3	3	3	3	2	3	3	3	3			



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VAAGDEVI PHARMACY COLLEGE

Subject Name

CO-PO Mapping & PO Attainment Direct Method

PHARMACEUTICAL INORGANIC CHEMISTRY

I YEAR

Academic Year:

2017-18

Pharm.D

COURSE OUTCOMES AND PROGRAM OUTCOMES MAPPING

	Rubrics	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
Course outcome - 1	3	Y		Y			Y		Y	Y	Y	Y
Course outcome - 2	3	Y		Y			Y	Y	Y	Y	Y	Y
Course outcome - 3	2	Y		Y		Y			Y	Y	Y	Y
Course outcome - 4	3	Y	Y	Y	Y				Y	Y	Y	Y
Course outcome - 5	3	Y		Y					Y	Y	Y	Y
Course outcome - 6	3	Y	Y	Y			Y		Y	Y	Y	Y

COURSE OUTCOMES AND PROGRAM OUTCOMES ATTAINMENT

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
Course outcome - 1	3	0	3	0	0	3	0	0	3	0	3
Course outcome - 2	3	0	3	0	0	3	3	3	0	3	0
Course outcome - 3	2	0	2	0	2	0	0	2	2	0	2
Course outcome - 4	3	3	3	3	3	0	3	3	0	3	3
Course outcome - 5	3	3	3	0	0	0	0	3	3	3	0
Course outcome - 6	3	0	3	0	0	3	0	0	3	3	3
PO ATTAINMENT	2.8	1.2	2.8	0.6	1	1.2	1.2	2.2	1.6	1.8	1.6
Overall PO Attainment											2



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VAAGDEVI PHARMACY COLLEGE

Approved by AICTE, PCI-New Delhi & Affiliated to JNTUH
P.O. BOLLIKURTA, WARANGAL-506 005(Telangana State)

CO-PO ATTAINMENT SHEET ACADEMIC YEAR 2022-23

DEPARTMENT OF PHARM.D

S.No	Regulation	Course Code	Course Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
1	R8, I	Pharm D I	Human Anatomy and Physiology	3	2.4	3	1.2		1.2	2.4	2.4	2.4	0.6	2.4
2	R8, I	Pharm D I	Pharmaceutics	1.8	0.6	1.4	0.6	0.4	1	0.6	1.2	1.4	0.6	1.4
3	R8, I	Pharm D I	Medicinal Biochemistry	2.4	0.6	0.8	1.6	1.6	1	0.6	1.6	1.8	0.6	1.8
4	R8, I	Pharm D I	Pharmaceutical Organic Chemistry	2.25	0.6	2	1	1.2	0.6	1.2	1	1.4	1.2	1.6
5	R8, I	Pharm D I	Pharmaceutical Inorganic Chemistry	2.8	1.2	2.8	0.6	1	1.2	1.2	2.2	1.6	1.8	1.6
6	R8, I	Pharm D I	Remedial Mathematics/ Biology	3	1.8	3	0.6	1.2	1.8	1.2	2.4	2.4	1.8	1.8
7	R8, I	Pharm D I	Human Anatomy and Physiology Lab	1.2		1.2	1.2							1.2
8	R8, I	Pharm D I	Pharmaceutics	1.2		1.2	0.6	0.6			0.6		0.6	1.2
9	R8, I	Pharm D I	Medicinal Biochemistry	1.2		1.2	1.2		0.6			0.6		1.2
10	R8, I	Pharm D I	Pharmaceutical Organic Chemistry	2.4	1.5	2.25	1.5		1.2	1.5	1.5	2.4		1.5
11	R8, I	Pharm D I	Pharmaceutical Inorganic Chemistry	1.8	1.5		1.8		1.2		1.5	1.2		1.5
12	R8, II	Pharm D II	Pathophysiology	3	0.6	2.4	1.2	1.8	1.8	1.2	2.4	2.4	1.8	1.8
13	R8, II	Pharm D II	Pharmaceutical Microbiology	3	2.4	1.2	1.8	1.8	1.8	1.8	2.4	1.8	0.6	2.4
14	R8, II	Pharm D II	Pharmacognosy &	3	1.2	1.8	1.2	1.2	1.8	1.2	1.8	1.8	1.2	1.8
16	R8, II	Pharm D II	Pharmacology-I	3	1.2	3	1.2	1.8	1.2	1.8	1.2	1.8	1.8	2.4
17	R8, II	Pharm D II	Community Pharmacy	3	2.5	2	2	2	3	3	2	2.5	2.5	2
18	R8, II	Pharm D II	Pharmacotherapeutics-I	3	2.4	1.8	1.8	1.8	1.8	1.2	1.8	1.8	2.4	1.8
19	R8, II	Pharm D II	Pharmaceutical Microbiology	1.2		1.2	1.2		1.2		0.6	0.6		1.2
20	R8, II	Pharm D II	Pharmacognosy & Phytopharmaceuticals	2.25	1.8	1.5	1.8		1.5	1.5	2	2.25	1.2	1.5
21	R8, II	Pharm D II	Pharmacotherapeutics-I	1.25	1.25		1.25	0.5	0.75		0.75	0.75	0.5	1.25
22	R8, III	Pharm D III	Pharmacology-II	3	1.8	1.8	2.4	2.4	2.5	1.8	2	3	1.8	2.4
23	R8, III	Pharm D III	Pharmaceutical Analysis	3	1.8	1.5	1.8	1.5	3	3	2.5	3	3	2.25
24	R8, III	Pharm D III	Pharmacotherapeutics-II	2.4	1.2	2.4	1.8	2	1.8	1.2	2	1.8	1.8	2.4
25	R8, III	Pharm D III	Pharmaceutical Jurisprudence	3	1.2	1.2	0.5	1	2.5	2	1.8	3	1.2	1
26	R8, III	Pharm D III	Medicinal Chemistry	2.33	1.5	1.8	1.17	2.25	1.33	1.17	1.67	1.67	0.67	1.67
27	R8, III	Pharm D III	Pharmaceutical Formulations	3	2.25	2.4	2.25		2.25	2.25	1.8	2.25	3	3
28	R8, III	Pharm D III	Pharmacology-II	1.2	0.6	1.2	1.2		1.2	0.6	1.2	1.2	1.2	0.6



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29	R8, III	Pharm D III	Pharmaceutical Analysis	1.2		1.2		0.6	1.2	1.2	0.6	1.2		0.6
30	R8, III	Pharm D III	Pharmaceuticals-II	1.2	1.2	0.6	1.2	0.6	0.6	1.2	1.2	1.2	0.6	0.6
31	R8, III	Pharm D III	Medicinal Chemistry	1.2	0.6	1.2	0.6	1.2	1.2	1.2	0.6	1.2		1.2
32	R8, III	Pharm D III	Pharmaceutical Formulations Lab	2.25	1.8	2.25	1.5		1.5	2.25	1.8	2.25		1.8
33	R8, IV	Pharm D IV	Pharmaceuticals-III	3	2.5	1.5	1.5	1	1.5	2	1.5	2.5	1	2
34	R8, IV	Pharm D IV	Hospital Pharmacy	3	3	1.2	3	2	2.4	3	2.4	2	3	3
35	R8, IV	Pharm D IV	Clinical Pharmacy	3	1.8	1.2	2.4	1.2	1.8	1.2	1.8	2.4	1.8	2.4
36	R8, IV	Pharm D IV	Biostatistics & Research Methodology	3	1.8	1.8	1.8	1.2	1.2	1.8	1.8	1.8	1.8	1.8
37	R8, IV	Pharm D IV	Biopharmaceutics & Pharmacokinetics	3	2.4	1.5	2.25		3	1.5	3	3		2.25
38	R8, IV	Pharm D IV	Clinical Toxicology	2.83	2.33	1.33	1.33	2	1	1.5	1.5	2	0.83	1.83
39	R8, IV	Pharm D IV	Hospital Pharmacy	3	2.4	1.2	3	1.2	2.4	3	2.4	3	3	3
40	R8, IV	Pharm D IV	Clinical Pharmacy	1.2	0.6	0.6		0.6	0.6	0.6	0.6	1.2		1.2
41	R8, IV	Pharm D IV	Biopharmaceutics & Pharmacokinetics	2.4	3	1.5	3		2.4	0.75	2.25	3	1.2	
42	R8, V	Pharm D V	Clinical Research	3	1.2	2	2.4	2	1.8	1.8	1.8	2.4	1.8	1.8
43	R8, V	Pharm D V	Pharmacoepidemiology and	3	2	2.5	2.5	2	3	3	2.5	3	2	3
44	R8, V	Pharm D V	Clinical Pharmacokinetics &	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	2.00	2.10	2.00
Indirect Attainment				2.7	2.6	2.8	2.5	2.2	2.7	2.8	2	2.6	2.4	2.3
Total Attainment				2.46	2.12	2.24	2.34	2.04	2.46	2.4	2.09	2.12	2.16	2.06



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