



BHARAT INSTITUTE OF TECHNOLOGY

Mangalpally, Ibrahimpatnam, R.R. District, PIN-501510

(Affiliated to JNTUH, Approved by AICTE and PCI, New Delhi. Accredited by NAAC)

CO Attainment

Sub code	Name of Subject		Set target	CO1	CO2	CO3	CO4	CO5	CO6	Average		CO Attainment
PS101	Human Anatomy and Physiology I	Internal& CA	50	3	3	3	3			3	0.75	3
		university	40	3						3	2.25	
PS102	Pharmaceutical Analysis 1	Internal& CA	50	3	1	1	2	1		1.60	0.40	1.90
		university	40	2						2	0.71	
PS103	Pharmaceutics I	Internal& CA	50	3	3	2	1	2		2.2	0.75	3
		university	40	3						3	2.25	
PS104	Pharmaceutical Inorganic Chemistry-I	Internal& CA	50	2	1	2	1	1		1.4	0.40	1.90
		university	40	2						2	1.50	
HS 105	Communication skills	Internal& CA	50	3	3	3	3			3	0.75	3
		university	40	3						3	2.25	
BS107	Remedial Mathematics	Internal& CA	50	2	1	1	2			1.5	0.29	2.54
		university	40	2						2	0.25	
PS108	Human Anatomy and Physiology-I lab	Internal& CA	50	3	2	3	3			2.75	0.75	3
		university	40	3						3	2.25	
PS109	Pharmaceutical Analysis I lab	Internal& CA	50	3	2	3	3			2.75	0.75	3
		university	40	3						3	2.25	

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PS110	Pharmaceutics lab	Internal& CA	50	3	2	3	3			2.75	0.75	3
		university	40	3						3	2.25	
PS111	Pharmaceutical Inorganic Chemistry lab	Internal& CA	50	3	2	3	3			2.75	0.75	3
		university	40	3						3	2.25	
HS112	Communication skills lab	Internal& CA	50	3	2	3	3			2.75	0.75	3
		university	40	3						3	2.25	
PS201	Human Anatomy and Physiology II	Internal& CA	50	3	1	1	2			1.75	0.67	2.92
		university	40	3						3	2.25	
PS202	Pharmaceutical Organic Chemistry-I	Internal& CA	50	2	1	2	1	1		1.4	0.40	1.90
		university	40	2						2	1.50	
BS203	Biochemistry	Internal& CA	50	3	2	2	2			2.25	0.65	2.19
		university	40	2						2	2.25	
BS204	Pathophysiology	Internal& CA	50	1	1	1	1	2		1.2	0.29	2.54
		university	40	1						1	2.25	
CS205	Computer Applications in Pharmacy	Internal& CA	50	3	3	3	3	3		3	0.75	3
		university	40	3						3	2.25	
PS206	Human Anatomy and Physiology II lab	Internal& CA	50	3	3	2	3			2.75	0.67	2.92
		university	40	3						3	2.25	

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PS207	Pharmaceutical Organic Chemistry-I Lab	Internal& CA	50	3	2	2	3			2.5	0.70	2.95
		university	40	3						3	2.25	
BS208	Biochemistry lab	Internal& CA	50	3	3	2	3			2.75	0.67	2.92
		university	40	3						3	2.25	
CS209	Computer Applications in Pharmacy lab	Internal& CA	50	3	2	2	3			2.5	0.70	2.95
		university	40	3						3	2.25	
PS301	Pharmaceutical Organic Chemistry-II	Internal& CA	50	2	3	2	1			2	0.54	2.79
		university	40	2						2	2.25	
PS302	Physical Pharmaceutics-I	Internal& CA	50	2	2	1	3			2	0.58	2.83
		university	40	2						2	2.25	
BS303	Pharmaceutical Microbiology	Internal& CA	50	3	2	3	2	2		2.4	0.69	2.94
		university	40	3						3	2.25	
PC304	Pharmaceutical Engineering	Internal& CA	50	2	1	2	1	2		1.8	0.54	2.79
		university	40	2						2	2.25	
PS305	Pharmaceutical Organic Chemistry-II Lab	Internal& CA	50	3	2	2	3			2.5	0.70	2.95
		university	40	3						3	2.25	
PS306	Physical	Internal& CA	50	3	3	2	3			2.75	0.69	2.94
	Pharmaceutics-I Lab	university	40	3						3	2.25	

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BS307	Pharmaceutical Microbiology Lab	Internal& CA	50	3	3	2	3			2.75	0.69	2.94
		university	40	3						3	2.25	
PC308	Pharmaceutical Engineering Lab	Internal& CA	50	3	2	3	2	3		2.6	0.69	2.94
		university	40	3						3	2.25	
PS401	Pharmaceutical Organic Chemistry-III	Internal& CA	50	2	1	2	1	1		1.4	0.40	1.90
		university	40	2						2	1.50	
PC402	Physical Pharmaceutics-II	Internal& CA	50	2	2	1	3			2	0.58	2.83
		university	40	2						2	2.25	
PS403	Pharmacology-I	Internal& CA	50	2	1	3	2	3		2.2	0.51	2.76
		university	40	2						2	2.25	
PC404	Pharmacognosy and Phytochemistry-I	Internal& CA	50	3	2	3	2	3		2.6	0.69	2.94
		university	40	3						3	2.25	
PS405	Pharmaceutical Jurisprudence	Internal& CA	50	2	2	1	3			2	0.58	2.83
		university	40	2						2	2.25	
PC406	Physical Pharmaceutics-II Lab	Internal& CA	50	3	3	2	3	2		2.6	0.70	2.95
		university	40	3						3	2.25	
PS407	Pharmacology-I Lab	Internal& CA	50	3	3	2	3			2.75	0.69	2.95
		university	40	3						3	2.25	
PC408	Pharmacognosy and	Internal& CA	50	3	3	2	3	2		2.6	0.70	2.95


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	Phytochemistry-I Lab	university	40	3						3	2.25	
PS501	Medicinal Chemistry I	Internal& CA	50	2	1	2	1	1		1.4	0.40	1.90
		university	40	2						2	1.50	
PS502	Industrial Pharmacy - I	Internal& CA	50	2	3	2	2	1		2	0.69	2.95
		university	40	2						2	2.25	
PS503	Pharmacology II	Internal& CA	50	2	1	3	2	3		2.2	0.51	2.76
		university	40	2						2	2.25	
PS504	Pharmacognosy and Phytochemistry - II	Internal& CA	50	3	2	2	3			2.5	0.70	2.95
		university	40	3						3	2.25	
PS508	Cosmetic science	Internal& CA	50	3	2	3	3			2.75	0.69	2.95
		university	40	3						3	2.25	
PC509	Medicinal Chemistry I Lab	Internal& CA	50	3	2	3	3			2.75	0.70	2.95
		university	40	3						3	2.25	
PS510	Industrial Pharmacy – I lab	Internal& CA	50	3	3	2	3			2.75	0.69	2.95
		university	40	3						3	2.25	
PS511	Pharmacology - II lab	Internal& CA	50	3	3	2	3			2.75	0.69	2.95
		university	40	3						3	2.25	
PS512	Pharmacognosy and	Internal& CA	50	3	2	3	3			2.75	0.70	2.95


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PS601	Medicinal Chemistry - II	Internal& CA	50	2	1	2	1	1		1.4	0.40	1.90
		university	40	2						2	1.50	
PS602	Pharmacology - III	Internal& CA	50	2	1	3	2			2	0.51	2.76
		university	40	2						2	2.25	
PS603	Herbal Drug Technology	Internal& CA	50	3	1	2	2			2	0.40	1.90
		university	40	2						2	1.50	
PS604	Biopharmaceutics and Pharmacokinetics	Internal& CA	50	3	2	3	2	3		2.6	0.69	2.94
		university	40	3						3	2.25	
PS605	Pharmaceutical Quality Assurance	Internal& CA	50	3	2	3	2	3		2.6	0.63	2.88
		university	40	3						3	2.25	
PS609	Medicinal chemistry - II lab	Internal& CA	50	3	2	3	3			2.75	0.70	2.95
		university	40	3						3	2.25	
PS610	Pharmacology - III lab	Internal& CA	50	3	3	2	3			2.75	0.63	2.88
		university	40	3						3	2.25	
PS611	Herbal Drug Technology lab	Internal& CA	50	3	2	3	3			2.75	0.69	2.94
		university	40	3						3	2.25	
PS612	Biopharmaceutics and	Internal& CA	50	3	2	3	3			2.75	0.70	2.95


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	Pharmacokinetics Lab	university	40	3						3	2.25	
PS701	Instrumental Methods of Analysis	Internal& CA	50	3	2	2	3	3		2.6	0.58	2.83
		university	40	2						2	2.25	
PS702	Industrial Pharmacy-II	Internal& CA	50	3	3	2	3	3		2.8	0.70	2.95
		university	40	3						3	2.25	
PS703	Pharmacy Practice	Internal& CA	50	3	2	2	3	3		2.6	0.58	2.83
		university	40	2						2	2.25	
PS704	Medicinal Chemistry - III	Internal& CA	50	2	1	2	1	1		1.4	0.40	1.90
		university	40	2						2	1.50	
PS707	Pharmacovigilance	Internal& CA	50	3	2	1	2	3	2	2.1	0.58	2.83
		university	40	2						2	2.25	
PS709	Instrumental Methods of Analysis Lab	Internal& CA	50	3	2	3	3			2.75	0.70	2.95
		university	40	3						3	2.25	
S710	Practice School	Internal& CA	50	3	3	3	3			3	0.63	2.88
		university	40	3						3	2.25	
PS711	Industrial Training	Internal& CA	50	3	3	3	3			3	0.67	2.92
		university	40	3						3	2.25	
PS801	Biostatistics and Research Methodology	Internal& CA	50	3	2	3				2.6	0.42	2.67
		university	40	2						2	2.25	


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PS802	Social and Preventive Pharmacy	Internal& CA	50	2	2	1				1.6	0.58	2.83
		university	40	1						1	2.25	
PS803	Novel Drug Delivery System	Internal& CA	50	1	2	1				1.3	0.42	2.67
		university	40	2						2	2.25	
PS805	Nano Technology	Internal& CA	50	2	1	1				1.3	0.67	0.67
		university	40	1						1	0.00	
PS808	Novel Drug Delivery System Lab	Internal& CA	50	2	3	3				2.6	0.50	2.75
		university	40	3						3	2.25	
24801	Project Work	Internal& CA	50	3	3	3	3	2	3	2.7	0.75	2.81
		university	40	2						3	0.64	
		university	40	3						3	2.25	


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Summary of POs Attainment

CO-PO matrix of all courses of B. Pharm

Course code	Course Title	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
PS101	Human Anatomy and Physiology I	2.25	0.5	0.75	0.5	0.25	0.75	1	0.25	0.75	0.5	2
PS102	Pharmaceutical Analysis 1	2.5	2	2	2.5	0.75	1	1.5	0.75	1.5	0.5	2
PS103	Pharmaceutics I	2.8	1.8	1.4	2.2	1.2	2.4	2.2	-	1.6	0.6	2.6
PS104	Pharmaceutical Inorganic Chemistry-I	2.8	2.6	2.6	1.6	1.2	1	2.2	0.8	1.6	1.8	3
HS 105	Communication skills	2.75	2.25	1.5	0.75	2.5	2.5	2.25	3	3	-	2.5


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BS107	Remedial Mathematics											
		2.75	2.25	2	1.25	1.25	2	1.5	1.5	0.25	0.5	2
PS108	Human Anatomy and Physiology-I lab											
		3	1.5	2	2.75	1.5	3	2	1.25	1.25	1.5	3
PS109	Pharmaceutical Analysis I lab											
		2.5	2	2.25	2	1.5	2.5	2.5	1.25	1.25	2.5	2.75
PS110	Pharmaceutics lab											
		2.5	1.5	2	2.25	1.75	1.75	2	-	1.75	2	2.5
PS111	Pharmaceutical Inorganic Chemistry lab											
		2.25	0.75	1.25	1.75	1	1.75	2	-	1.25	2.5	2.25
HS112	Communication skills lab											
		1.5	1.75	1.25	0.75	2.5	2.5	1.5	3	1.75	-	2

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PS201	Human Anatomy and Physiology II	2.75	0.5	0.25	1.25	-	1.5	2	0.5	1.5	1	2
PS202	Pharmaceutical Organic Chemistry-I	2.5	-	0.25	-	-	2	1.75	1	0.25	1.25	2.5
BS203	Biochemistry	2.25	0.5	2	1.5	-	1.5	1.5	-	1.5	1.75	2.25
BS204	Pathophysiology	2.2	0.4	0.8	0.6	1.5	2.2	1.4	1.2	2	1.4	2.2
CS205	Computer Applications in Pharmacy	2.2	1	2	2.2	-	1.4	1.4	1.6	1.2	-	2
PS206	Human Anatomy and Physiology II lab	2.5	0.75	1.25	2.5	1.5	1.75	2.25	2	2.25	1.25	2.25
PS207	Pharmaceutical Organic Chemistry-I Lab	2.25	1.5	1.25	1.5	0.75	2.25	1.75	1	0.75	1.5	2.25

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BS208	Biochemistry lab	2	0.75	1	1.75	-	1.25	1.5	-	0.75	1	2
CS209	Computer Applications in Pharmacy lab	1.75	1.25	1.25	1.75	-	1.75	1.25	1.25	1	-	2
PS301	Pharmaceutical Organic Chemistry-II	2.5	1.25	1	-	-	1.75	1.75	-	0.75	0.75	2.5
PS302	Physical Pharmaceutics-I	2.5	0.5	0.75	1	-	1.75	2.25	0.75	1	0.5	2.25
BS303	Pharmaceutical Microbiology	2.2	0.6	1.2	1	0.8	1.4	1.4	0.8	1.6	1.2	2
PC304	Pharmaceutical Engineering	1.8	0.6	0.8	1.8	0.8	1.6	1.8	0.6	-	0.8	2


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PS305	Pharmaceutical Organic Chemistry-II Lab	2.5	1.75	1.75	1.5	1.25	1.5	2	-	0.75	1.75	2
PS306	Physical Pharmaceutics-I Lab	2.25	1.75	0.75	1.5	-	2	1.75	1	-	1	2
BS307	Pharmaceutical Microbiology Lab	2	1.25	1.25	1.75	1	1.75	2.25	-	0.75	2.25	2.25
PC308	Pharmaceutical Engineering Lab	2.2	1.6	2	2.4	1	1.6	2.2	1	1.6	1.4	2
PS401	Pharmaceutical Organic Chemistry-III	2.2	0.8	1	0.4	0.6	1.8	1.2	0.6	1.4	1.6	2.4
PC402	Physical Pharmaceutics-II	2	0.75	2	0.75	-	1.5	1.25	0.75	0.75	-	1


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PS403	Pharmacology-I	2.2	1.2	1.2	0.8	-	1.6	1.2	-	0.8	2	2.1
PC404	Pharmacognosy and Phytochemistry-I	1.8	1.4	0.6	1	-	1.6	1.4	0.4	1	1.4	2
PS405	Pharmaceutical Jurisprudence	1.75	0.75	1.5	-	0.75	1.75	2.25	-	1.25	-	1.5
PC406	Physical Pharmaceutics-II Lab	2	1	1.6	1.4	1	1.8	1.6	-	0.8	1.2	2.2
PS407	Pharmacology-I Lab	2.5	2	1.5	2.25	1.25	2	2.5	0.75	1.5	1.75	2
PC408	Pharmacognosy and Phytochemistry-I Lab	2.4	0.8	1.6	1.6	0.6	1.6	2	0.6	1.2	2	2.2

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PS501	Medicinal Chemistry I	2.4	0.6	1.4	1	-	2	2.6	-	0.8	1	2.2
PS502	Industrial Pharmacy - I	2	1	1	1.4	0.8	1.6	1.6	-	1	-	1.8
PS503	Pharmacology II	1.5	0.75	1.5	1	0.75	1.25	1.75	0.75	0.75	-	1.75
PS504	Pharmacognosy and Phytochemistry - II	2.25	1.5	1	0.75	-	1.75	1.5	-	-	1	1.5
PS508	Cosmetic science	2.5	1.5	1	2	1	1.5	2	1	2.25	2.25	2
PC509	Medicinal Chemistry I Lab	1.75	0.75	1.5	1.5	1	0.5	1.75	-	1	1.25	1.75


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PS510	Industrial Pharmacy – I lab	2	1.75	1	1.5	0.75	1.75	2	1	1.25	2	2.5
PS511	Pharmacology - II lab	3	1.25	2	2.5	1.75	2.25	3	0.75	1.75	2	2.25
PS512	Pharmacognosy and Phytochemistry - II lab	2.5	1.25	0.5	1.5	-	1.5	1.25	-	0.75	1.5	1.25
PS601	Medicinal Chemistry - II	1.8	0.6	0.8	1	0.6	1.4	1.6	-	0.6	-	1.8
PS602	Pharmacology - III	2	1	1	-	0.5	1.5	1.25	-	0.5	-	1.75
PS603	Herbal Drug Technology	1.6	1.2	0.4	0.8	0.6	0.8	1.6	0.6	-	1	1.6


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PS604	Biopharmaceutics and Pharmacokinetics	1.6	0.6	0.6	0.8	2	1.2	1	-	2	-	2
PS605	Pharmaceutical Quality Assurance	2	0.6	1.4	-	0.8	2	1.6	0.8	-	-	2
PS609	Medicinal chemistry - II lab	2.5	1.5	1.5	2	2	1.75	2	-	0.75	1.25	1.75
PS610	Pharmacology - III lab	1.5	1.25	1.5	1.5	0.5	1.5	1.25	-s	1	0.75	1.5
PS611	Herbal Drug Technology lab	1.5	1.25	1	1	0.75	1.5	1.5	1	-	1.75	1.75


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PS612	Biopharmaceutics and Pharmacokinetics Lab	2	1.75	2	1	-	1	1.75	-	-	1.25	1.75
PS701	Instrumental Methods of Analysis	1.4	1	0.6	1	-	1.4	0.8	-	-	-	1.2
PS702	Industrial Pharmacy-II	1.6	0.8	1.4	-	0.8	1	1	-	-	0.6	1.2
PS703	Pharmacy Practice	1.4	1.6	1.4	-	1	1.8	2.2	1.6	1.8	-	1.6
PS704	Medicinal Chemistry - III	1.5	0.5	0.75	1	-	1.75	1.5	-	-	-	2
PS707	Pharmacovigilance	1.8	1.2	1.4	-	0.6	1.8	1.6	-	1.2	-	1.2


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PS709	Instrumental Methods of Analysis Lab	2.8	1.4	3	2.6	2	2.6	1.6	1.2	-	1.4	2.6
PS710	Practice School	2	1.75	1	-	1.5	1.75	2.5	2.25	2.5	-	2.2
PS711	Industrial Training	2.25	1.25	1.75	1.25	1.25	1.25	1.5	1.5	-	0.5	1.5
PS801	Biostatistics and Research Methodology	1.6	1	1.6	3	-	2	1.6	1.3	-	0.3	1.6
PS802	Social and Preventive Pharmacy	3	2	1.6	1	1.6	2	1.6	1.6	3	-	2
PS803	Novel Drug Delivery System	2.3	1	1.6	-	1	1.3	1.6	-	0.6	-	1.6
PS805	Nano Technology	2	0.6	0.6	1	-	1.3	1.3	-	-	0.3	1.9


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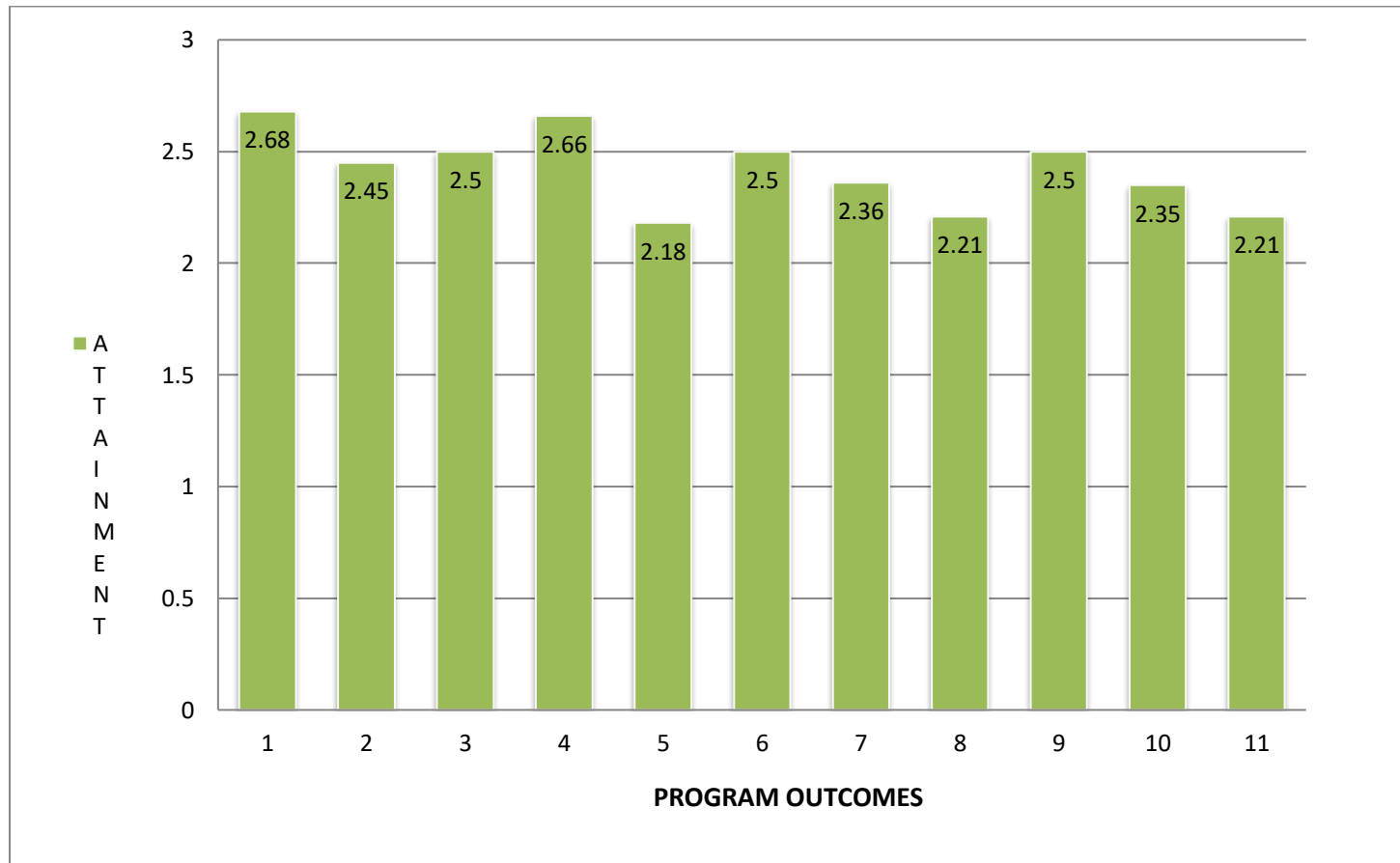
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PS808	Novel Drug Delivery System Lab											
		2	1.6	1.6	1.3	0.6	1.6	2	-	-	-	1.6
24801	Project Work	2.5	1.24	1.4	1.47	2	3	1.62	2.5	2	1.25	2.62
Average		2.16	1.20	1.32	1.48	1.13	1.69	1.73	1.16	1.29	1.30	2.00
80% of direct attainment												
		1.95	1.72	1.8	1.92	1.65	1.9	1.83	1.68	1.76	1.75	1.68
20% of indirect attainment												
		0.73	0.73	0.7	0.74	0.53	0.6	0.53	0.53	0.75	0.6	0.53
Total Attainment												
		2.68	2.45	2.5	2.66	2.18	2.5	2.36	2.21	2.5	2.35	2.21


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1. PO1: Pharmacy knowledge
2. PO2: Planning abilities
3. PO3: Problem analysis
4. PO4: Modern tool usage
5. PO5: Leadership skills
6. PO6: Professional identity
7. PO7: Pharmaceutical ethics
8. PO8: Communication
9. PO9: The Pharmacist and society
10. PO10: Environment and sustainability
11. PO11: Life-long learning

Course code	Course Title	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO 1	PSO 2	PSO 3
PS101	Human Anatomy and Physiology I	2.5	1.5	2	2.25	1.75	1.75	2	-	1.75	2	2.5	2.25	2	1.75
PS102	Pharmaceutical Analysis 1	1.4	1	0.6	1	-	1.4	0.8	-	-	-	1.2	1.8	1.6	2.2
PS103	Pharmaceutics I	2.8	1.8	1.4	2.2	1.2	2.4	2.2	-	1.6	0.6	2.6	3	2.6	1.8


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PS104	Pharmaceutical Inorganic Chemistry-I	2.8	2.6	2.6	1.6	1.2	1	2.2	0.8	1.6	1.8	3	3	2	2
HS 105	Communication skills	2.75	2.25	1.5	0.75	2.5	2.5	2.25	3	3	-	2.5	3	2.5	2.5
BS107	Remedial Mathematics	2.75	2.25	2	1.25	1.25	2	1.5	1.5	0.25	0.5	2	2.25	1.25	1.5
PS108	Human Anatomy and Physiology-I lab	3	1.5	2	2.75	1.5	3	2	1.25	1.25	1.5	3	3	3	2.75
PS109	Pharmaceutical Analysis I lab	2.5	2	2.25	2	1.5	2.5	2.5	1.25	1.25	2.5	2.75	2.5	2.5	2.75
PS110	Pharmaceutics lab	2.5	1.5	2	2.25	1.75	1.75	2	-	1.75	2	2.5	2.25	2	1.75
PS111	Pharmaceutical Inorganic Chemistry lab	2.25	0.75	1.25	1.75	0.5	1.75	2	-	1.25	2.5	2.25	2.25	2	2
HS112	Communication skills lab	1.5	1.75	1.25	0.75	2.5	2.5	1.5	3	1.75	-	2	1.75	2	3
PS201	Human Anatomy and Physiology II	2.75	0.5	0.25	1.25	-	1.5	2	0.5	1	1	2	2	1.75	1.25
PS202	Pharmaceutical Organic Chemistry-I	2.5	-	0.25	-	-	2	1.75	1	0.25	1.25	2.5	1.5	1	1.25
BS203	Biochemistry	2.25	0.5	0.25	1	-	1.5	1.5	-	1.5	1.75	2.25	2.5	2	1.75
BS204	Pathophysiology	2.2	0.4	0.8	0.6	1	2.2	1.4	1.2	2	1.4	2.2	2.2	1.8	1.6


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CS205	Computer Applications in Pharmacy	2.2	1	1	2.2	-	1.4	1.4	1.6	1.2	-	2	2.4	2.6	2.2
PS206	Human Anatomy and Physiology II lab	2.5	0.75	1.25	2.5	1.5	1.75	2.25	2	2.25	1.25	2.25	2.25	1.75	1.75
PS207	Pharmaceutical Organic Chemistry-I Lab	2.25	1.5	1.25	1.5	0.75	2.25	1.75	0.75	0.75	1.5	2.25	2.25	1.75	2.5
BS208	Biochemistry lab	2	0.75	1	1.75	-	1.25	1.5	-	0.75	-	1.5	1.75	1.5	1.5
CS209	Computer Applications in Pharmacy lab	1.75	1.25	1.25	1.75	-	1.75	1.25	1.25	1	-	2	2	2.25	2.25
PS301	Pharmaceutical Organic Chemistry-II	2.5	1.25	0.5	-	-	1.75	1.75	-	0.75	0.75	2.5	2	0.75	1
PS302	Physical Pharmaceutics-I	2.5	0.5	0.75	1	-	1.75	2.25	0.75	1	0.5	2.25	1.75	1.25	1.25
BS303	Pharmaceutical Microbiology	2.2	0.6	1.2	1	0.8	1.4	1.4	0.8	1.6	1.2	2	1.4	1.4	1.4
PC304	Pharmaceutical Engineering	1.8	0.6	0.8	1.8	0.8	1.6	1.8	0.6	-	0.8	2	1.4	1.6	1.6
PS305	Pharmaceutical Organic Chemistry-II Lab	2.5	1.75	1.75	1.5	1.25	1.5	2	-	0.75	1.75	2	2.5	1.5	2.25
PS306	Physical	2.25	1.75	0.75	1.5	-	2	1.75	1	-	1	2	2.25	1.5	1


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	Pharmaceutics-I Lab														
BS307	Pharmaceutical Microbiology Lab	2	1.25	1.25	1.75	1	1.75	2.25	-	0.75	2.25	2.25	2.25	1.75	2.25
PC308	Pharmaceutical Engineering Lab	2.2	1.6	2	2.4	1	1.6	2.2	1	1.6	1.4	2	2	1.6	2
PS401	Pharmaceutical Organic Chemistry-III	2.2	0.8	1	0.4	0.6	1.8	1.2	0.6	1.4	1.6	2.4	2.2	1.6	1.6
PC402	Physical Pharmaceutics-II	2	0.75	0.5	0.75	-	1.5	1.25	0.75	0.75	-	-	1.75	1.5	2
PS403	Pharmacology-I	2.2	1.2	1.2	0.8	-	1.6	1.2	-	0.8	1	1.8	1.6	1.2	0.8
PC404	Pharmacognosy and Phytochemistry-I	1.8	1.4	0.6	1	-	1.6	1.4	0.4	1	1.4	2	1.6	1.4	1.8
PS405	Pharmaceutical Jurisprudence	1.75	0.75	1.5	-	0.75	1.75	2.25	-	1.25	-	1.5	1.75	1	0.5
PC406	Physical Pharmaceutics-II Lab	2	1	1.6	1.4	1	1.8	1.6	-	0.8	1.2	2.2	2	1.4	1.8
PS407	Pharmacology-I Lab	2.5	2	1.5	2.25	1.25	2	2.5	0.75	1.5	1.75	2	2	2.25	2
PC408	Pharmacognosy and Phytochemistry-I Lab	2.4	0.8	1.6	1.6	0.6	1.6	2	0.6	1.2	2	2.2	1.8	1.6	1.8


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PS501	Medicinal Chemistry I	2.4	0.6	1.4	1	-	2	2.6	-	0.8	1	2.2	2	1.2	1.4
PS502	Industrial Pharmacy - I	2	1	1	1.4	0.8	1.6	1.6	-	1	-	1.8	1.6	1.6	1.2
PS503	Pharmacology II	1.5	0.75	1.5	1	0.75	1.25	1.75	0.75	0.75	-	1.75	1.5	1.5	1
PS504	Pharmacognosy and Phytochemistry - II	2.25	1.5	1	0.75	-	1.75	1.5	-	-	1	1.5	1.75	1.5	1.25
PS508	Cosmetic science	2.5	1.5	1	2	1	1.5	2	1	2.25	2.25	2	2.25	1.25	2
PC509	Medicinal Chemistry I Lab	1.75	0.75	1.5	1.5	1	0.5	1.75	-	1	1.25	1.75	1.5	1.75	2
PS510	Industrial Pharmacy – I lab	2	1.75	1	1.5	0.75	1.75	2	1	1.25	-	1.5	2	1.75	2
PS511	Pharmacology - II lab	3	1.25	2	2.5	1.75	2.25	3	0.75	1.75	2	2.25	3	1.75	2.25
PS512	Pharmacognosy and Phytochemistry - II lab	2.5	1.25	0.5	1.5	-	1.5	1.25	-	0.75	1.5	1.25	1.5	1.25	2
PS601	Medicinal Chemistry - II	1.6	0.6	0.6	0.8	0.6	1.2	1	-	-	-	1.6	1.2	1.6	1.4
PS602	Pharmacology - III	1.8	0.6	1.4	-	0.8	1.8	1.6	0.8	-	-	1.4	2.2	1.6	1.8
PS603	Herbal Drug	2.5	1.5	1.5	2	2	1.75	2	-	0.75	1.25	1.75	2	1.75	2


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	Technology														
PS604	Biopharmaceutics and Pharmacokinetics	1.5	1.25	1.5	1.5	0.5	1.5	1.25	-s	1	0.75	1.5	1.75	1.5	1.75
PS605	Pharmaceutical Quality Assurance	1.5	1.25	1	1	0.75	1.5	1.5	1	-	1.75	1.75	1.75	1.5	1.75
PS609	Medicinal chemistry - II lab	2	1.75	2	1	-	1	1.75	-	-	1.25	1.75	1.5	2	1.5
PS610	Pharmacology - III lab	1.5	1.25	1.5	1.5	0.5	1.5	1.25	-s	1	0.75	1.5	1.75	1.5	1.75
PS611	Herbal Drug Technology lab	1.5	1.25	1	1	0.75	1.5	1.5	1	-	1.75	1.75	1.75	1.5	1.75
PS612	Biopharmaceutics and Pharmacokinetics Lab	2	1.75	2	1	-	1	1.75	-	-	1.25	1.75	1.5	2	1.5
PS701	Instrumental Methods of Analysis	1.4	1	0.6	1	-	1.4	0.8	-	-	-	1.2	1.8	1.6	2.2
PS702	Industrial Pharmacy-II	1.6	0.8	1.4	-	0.8	1	1	-	-	0.6	1.2	1	1.4	1.4
PS703	Pharmacy Practice	1.4	1.6	1.4	-	1	1.8	2.2	1.6	1.8	-	1.6	1.8	1.6	2.4
PS704	Medicinal Chemistry - III	1.5	0.5	0.75	1	-	1.75	1.5	-	-	-	2	2	1.5	1.5
PS707	Pharmacovigilance	1.8	1.2	1.4	-	0.6	1.8	1.6	-	1.2	-	1.2	1.6	1.4	1.2


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PS709	Instrumental Methods of Analysis Lab	2.8	1.4	3	2.6	2	2.6	1.6	1.2	-	1.4	2.6	2.4	1.6	2.8
PS710	Practice School	1.5	1.75	1	-	1.5	1.75	2.5	2.25	2.5	-	2	2.25	1.5	1.25
PS711	Industrial Training	2.25	1.25	1.75	1.25	1.25	1.25	1.5	1.5	-	0.5	1.5	1.5	1.75	2
PS801	Biostatistics and Research Methodology	1.6	1	1.6	3	-	2	1.6	1.3	-	0.3	1.6	2	1.6	2
PS802	Social and Preventive Pharmacy	3	2	1.6	1	1.6	2	1.6	1.6	3	-	2	2.3	1.6	2.6
PS803	Novel Drug Delivery System	2.3	1	1.6	-	1	1.3	1.6	-	0.6	-	1.6	2	1.3	1.6
PS805	Nano Technology	1.6	0.6	0.6	0.6	-	1.3	1.3	-	-	0.3	1.3	1.3	1.6	1.6
PS808	Novel Drug Delivery System Lab	2	1.6	1.6	1.3	0.6	1.6	2	-	-	-	1.6	1.3	1.3	2
6603AA	Modern Pharmaceutics-I	1.5	0.75	0.5	-	-	1.5	1.5	-	-	1.75	1.5	1.5	1	1.25
6603AB	Applied Biopharmaceutics and Pharmacokinetics	2.4	1.6	0.6	0.8	-	2	1.4	-	0.6	-	1.4	1.4	1	1.8


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6603AD	Drug Regulatory affairs	2.25	1.25	0.5	1	1	1.5	1	1.25	-	-	1.5	1.25	1	1.25
6603AF	Cosmetics and Cosmeceuticals	2.4	1.4	1.6	0.8	1.4	1.6	2.6	1.6	1.2	1.8	2.6	2	1.6	2.4
6603AJ	Research Methodology and IPR	2.25	1.5	1.5	1	1	1.25	1.75	1	1.5	-	1.75	1.5	1.75	2
660301	Modern Pharmaceutics-I Lab	2.6	1.8	1.4	2.2	2.6	3	1.6	1.4	1.2	-	2.6	2.4	1.6	2
660302	Applied Biopharmaceutics and Pharmacokinetics Lab	1.8	1.6	1.4	1.6	1.6	1.6	1.8	0.8	1	-	2	2.6	2.2	2.6
Audit Course - I	Personality Development through Life Enlightenment Skills	1	2.5	1.5	-	1.75	1	1	1.5	1.75	-	2.5	1.5	1	1
6603AV	Modern Pharmaceutics - II	1.5	0.75	0.5	-	-	1.5	1.5	-	-	1.75	1.5	1.5	1	1.25
6603AW	Advanced Drug Delivery Systems	2	1.6	1.6	1.3	0.6	1.6	2	1	1	1.3	1.6	1.3	1.3	2
6603AX	Industrial Pharmacy	1.6	0.8	1.4	1.6	0.8	1	1	1	1.6	0.6	1.2	2.2	1.4	2
6603BB	Nano based Drug	2.3	1.6	1.3	2.6	1.3	1.3	1.6	1.3	1.3	-	2	2.3	2	1.6



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	Delivery Systems														
660303	Modern Pharmaceutics-II Lab	2.6	2	1.3	2.3	2.6	3	1.3	1.6	1.3	-	2.6	2.3	1.6	1.6
660304	Advanced Drug Delivery System Lab	2.6	1.8	1.4	2.2	2.6	3	1.6	1.4	1.2	-	2.6	2.4	1.6	2
Audit Course- II	Stress Management by Yoga	1.75	1.25	1	-	1.25	0.5	0.75	1.5	2.25	-	1.5	2	1.5	1.75
6603BE	Scale up and Technology Transfer	1.75	1.75	1.5	1.5	1.5	1.75	1.75	0.75	1	-	2	2.5	2.25	2.5
Open Elective	Cosmetics science	2.5	1.5	1.75	0.75	1.5	1.75	2.5	1.75	1.25	1.75	2.75	2.25	1.5	2.5
6601AA	Advanced Pharmacology- I	2	1	1	-	0.6	1.3	1	-	0.3	-	1.6	2	1.6	1.6
6614AB	Pharmaceutical Food Analysis	1.5	0.5	1.25	-	0.75	1.5	1.5	-	-	-	1.25	2	1.5	1.5
6601AB	Clinical Pharmacology and Pharmacotherapeutics	1.5	1	0.6	0.83	-	1.3	1	-	-	-	1.16	1.8	1.5	2
6601AD	Clinical Research and	1.71	1.28	1	-	1.28	0.42	0.85	1.42	-	-	1.42	2	1.42	1.85


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	Pharmacovigilance														
6601AH	Principles of Toxicology	1.5	1.25	1.25	-	0.75	1	0.75	-	-	0.75	1	0.75	1.25	1.25
6601AJ	Research Methodology and IPR	2.6	1.8	1.4	2.2	2.6	3	1.6	1.4	1.2	-	2.6	2.4	1.6	2
660101	Advanced pharmacology- I Lab	1.5	0.5	0.75	1	-	1.75	1.5	-	-	-	2	2	1.5	1.5
660102	Clinical Pharmacology and Pharmacotherapeutics Lab	1.25	1.5	1.25	-	0.75	1.75	2.25	1.75	1.75	-	1.5	1.75	1.5	2.5
Audit Course - I	Personality Development through Life Enlightenment Skills	1	2.5	1.5	-	1.75	1	1	1.5	1.75	-	2.5	1.5	1	1
6601AV	Advanced Pharmacology- II	2.3	1.3	1.3	1.6	2	1.3	1.6	-s	0.6	0.6	1.3	1.6	1.6	1.6
6601AW	Pharmacological Screening Methods and Toxicology	2.4	1.6	1.4	1.8	1.6	1.8	2	1.6	1.4	0.4	1.6	2	1.8	2
6601AZ	Advanced Drug	2.33	1.16	0.66	1.5	1.16	1.5	1.1	1	1.16	-	1.5	1.66	1.5	2


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	Delivery Systems														
6601BC	Pharmacokinetic and Therapeutic Drug Monitoring	1.71	1.28	1	1.57	1.28	1.57	1.42	1.42	1.57	-	1.42	2	1.42	1.85
660103	Advanced Pharmacology- II Lab	2.5	1.5	1.5	2	2	1.75	2	-	0.75	1.25	1.75	2	1.75	2
660104	Pharmacological Screening Methods and Toxicology Lab	2.3	1	1.6	-	1	1.33	1.6	-	0.66	-	1.6	2	1.3	1.6
Audit Course- II	Stress Management by Yoga	1.75	1.25	1	-	1.25	0.5	0.75	1.5	2.25	-	1.5	2	1.5	1.75
6601BE	Hospital and Community Pharmacy	2.33	1.5	1.33	1.66	1.66	1.5	1.66	-	1.16	-	1.66	2	1.8	2
Open Elective	Cosmeticology	2.5	1.5	1.5	2	2	1.75	2	-	0.75	-	1.75	2	1.75	2
6601AA	Pharmacotherapeutics-I	1.5	0.5	0.75	1	-	1.75	1.5	-	-	-	2	2	1.5	1.5
6615AB	Clinical Pharmacy Practice	1.6	0.66	0.66	0.66	-	1.33	1.3	-	-	0.33	1.33	1.33	1.6	1.6


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6615AD	Hospital and Community Pharmacy	1.8	1.2	1.4	-	0.6	1.8	1.6	-	1.2	-	1.2	1.6	1.4	1.2
6615AH	Drug Regulatory Affairs	1.5	0.5	1.25	-	0.5	1.5	1.5	0.5	-	-	1.25	2	1.5	1.5
6615AJ	Research methodology and IPR	2.6	1.8	1.4	2.2	2.6	3	1.6	1.4	1.2	-	2.6	2.4	1.6	2
661501	Pharmacotherapeutics – I Lab	1.5	0.5	0.5	0.75	0.5	1	1	-	-	-s	1.5	1.25	1.5	1.25
661502	Clinical Pharmacy Practice Lab	2.5	1.5	1.5	2	2	1.75	2	-	0.75	1.25	1.75	2	1.75	2
Audit Course - I	Personality Development through Life Enlightenment Skills	1	2.5	1.5	-	1.75	1	1	1.5	1.75	-	2.5	1.5	1	1
6615AV	Pharmacotherapeutics – II	1.5	0.5	1.25	-	0.5	1.5	1.5	0.5	-	-	1.25	2	1.5	1.5
6615AW	Clinical Pharmacokinetics and Drug monitoring	2.33	1.33	1.33	1.66	-	1.33	1.66	-	0.66	0.66	1.33	1.6	1.66	1.6
6615AY	Clinical Research Pharmacy	1.8	1.2	1.4	-	0.6	1.8	1.6	-s	1.2	-	1.2	1.6	1.4	1.2


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6615BC	Nutraceuticals	1.3	0.6	1.3	-	0.3	1	1.3	-	-	-	1	2	1.3	1.3
661503	Pharmacotherapeutics – II Lab	2.5	1.5	1.5	2	2	1.75	2	-	0.75	1.25	1.75	2	1.75	2
661504	Clinical Pharmacokinetics and Drug Monitoring Lab	2.5	1.5	1.5	2	2	1.75	2	-	0.75	1.25	1.75	2	1.75	2
Audit Course- II	Stress Management by Yoga	1.75	1.25	1	-	1.25	0.5	0.75	1.5	2.25	-	1.5	2	1.5	1.75
6615BE	Pharmacoepidemiology and Pharmacoeconomics	1.71	1.28	1	-	1.28	0.42	0.85	1.42	-	-	1.42	2	1.42	1.85
6614AX	Safety and Hazardous Management	2	0.8	1.2	1.6	0.8	1.8	1.8	-	1.2	2.4	2.2	2.2	2	2
I Core – I	Advanced Organic Chemistry-I	2.2	0.4	0.8	0.6	1	2.2	1.4	1.2	2	1.4	2.2	2.2	1.8	1.6
I Core – II	Advanced Medicinal Chemistry-I	2.2	1	1	2.2	-	1.4	1.4	1.6	1.2	-	2	2.4	2.6	2.2
Elective – I	Drug Regulatory Affairs	2.5	0.75	1.25	2.5	1.5	1.75	2.25	2	2.25	1.25	2.25	2.25	1.75	1.75


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Elective – I I	Drug Discovery & Design	2.25	1.5	1.25	1.5	0.75	2.25	1.75	0.75	0.75	1.5	2.25	2.25	1.75	2.5
	Research methodology and IPR	2	0.75	1	1.75	-	1.25	1.5	-	0.75	-	1.5	1.75	1.5	1.5
Laboratory-I	Advanced Organic Chemistry – I Lab	1.6	0.66	0.66	0.66	-	1.33	1.3	-	-	0.33	1.33	1.33	1.6	1.6
Laboratory-II	Advanced Medicinal Chemistry – I Lab	1.8	1.2	1.4	-	0.6	1.8	1.6	-	1.2	-	1.2	1.6	1.4	1.2
Audit Course - I	Stress Management by Yoga	1.5	0.5	1.25	-	0.5	1.5	1.5	0.5	-	-	1.25	2	1.5	1.5
Professional Core – III	Advanced Organic Chemistry-II	1.5	0.5	0.5	0.75	0.5	1	1	-	-	-s	1.5	1.25	1.5	1.25
Professional Core – IV	Advanced Medicinal Chemistry-II	2.5	1.5	1.5	2	2	1.75	2	-	0.75	1.25	1.75	2	1.75	2
Professional Elective – III	Clinical Research and Pharmacovigilance	1.6	0.66	0.66	0.66	-	1.33	1.3	-	-	0.33	1.33	1.33	1.6	1.6
Professional Elective	Herbal Drug Technology	1.5	0.75	0.5	-	-	1.5	1.5	-	-	1.75	1.5	1.5	1	1.25


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– IV															
Laborator y-III	Advanced Organic Chemistry – II Lab	2	1.6	1.6	1.3	0.6	1.6	2	1	1	1.3	1.6	1.3	1.3	2
Laborator y-IV	Advanced Medicinal Chemistry – II Lab	1.6	0.8	1.4	1.6	0.8	1	1	1	1.6	0.6	1.2	2.2	1.4	2
Audit Course - II	Personality Development through Life Enlightenment Skills	2.3	1.6	1.3	2.6	1.3	1.3	1.6	1.3	1.3	-	2	2.3	2	1.6
Professio nal Elective- V	Scale-up and Technology Transfer	2.6	1.8	1.4	2.2	2.6	3	1.6	1.4	1.2	-	2.6	2.4	1.6	2
Open Elective	Hazards and safety management	1.5	0.75	0.5	-	-	1.5	1.5	-	-	1.75	1.5	1.5	1	1.25
Profession	Modern Pharmaceutical	2.5	1.5	1.5	2	2	1.75	2	-	0.75	1.25	1.75	2	1.75	2


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al Core – I	Analytical Techniques														
Profession al Core – II	Pharmaceutical Food Analysis	1.75	1.75	1.5	1.5	1.5	1.75	1.75	0.75	1	-	2	2.5	2.25	2.5
Profession al Elective – I	Advanced Pharmaceutical Analysis	2.5	1.75	1.25	2	2.5	3	1.5	1.5	1.25	-	2.5	2.25	1.5	1.75
Profession al Elective – II	Pharmaceutical Validation	2.25	1.5	1.25	2	1.5	1.5	1.5	1.5	-	-	2.5	2.5	1.75	2.75
	Research methodology and IPR	1.7	1.16	1	-	-	1.6	1.7	-	-	1.5	1.66	1.66	1.33	1.5
Laborator y-I	Modern Pharmaceutical Analytical Techniques lab	2.16	1.33	1	1.66	1	1.83	2	0.66	1.33	-	1.5	2	1.83	2
Laborator y-II	Pharmaceutical food Analysis Lab	2.25	1.5	1.25	2	1.5	1.5	1.5	1.5	-	-	2.5	2.5	1.75	2.75
Audit Course - I	Stress Management by Yoga	1.75	0.75	1.5	-	0.75	1.75	2.25	-	1.25	-	1.5	1.75	1	0.5
Profession al Core –	Advanced Instrumental Analysis - I	2.5	1.5	1.5	2	2	1.75	2	-	0.75	1.25	1.75	2	1.75	2


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III															
Professional Core – IV	Pharmaceutical Quality Control & Quality Assurance	2	1	1	-	0.5	1.5	1.25	-	0.5	-	1.75	2	1.5	1.75
Professional Elective – III	Modern Bio-analytical Techniques	1.6	1.2	0.4	0.8	0.6	0.8	1.6	0.6	-	1	1.6	1.6	1.4	1.4
Professional Core – IV	Clinical Research and Pharmacovigilance	1.6	0.6	0.6	0.8	0.6	1.2	1	-	-	-	1.6	1.2	1.6	1.4
Laboratory-III	Advanced Instrumental Analysis I Lab	1.8	0.6	1.4	-	0.8	1.8	1.6	0.8	-	-	1.4	2.2	1.6	1.8
Laboratory-IV	Pharmaceutical Quality Control & Quality Assurance Lab	2.5	1.5	1.5	2	2	1.75	2	-	0.75	1.25	1.75	2	1.75	2
Audit Course - II	Personality Development through Life Enlightenment Skills	1.5	1.25	1.5	1.5	0.5	1.5	1.25	-s	1	0.75	1.5	1.75	1.5	1.75
Professional	Scale-up and Technology Transfer	2	1	1	-	0.5	1.5	1.25	-	0.5	-	1.75	2	1.5	1.75

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Elective-V															
Open Elective	Hazards and safety management	1.6	1.2	0.4	0.8	0.6	0.8	1.6	0.6	-	1	1.6	1.6	1.4	1.4
PH101	PH101 Human Anatomy and Physiology-I (Theory)	2.5	1.5	2	2.25	1.75	1.75	2	-	1.75	2	2.5	2.25	2	1.75
PH108	Human Anatomy and Physiology-I (Practical)	2.5	2	2.25	2	1.5	2.5	2.5	1.25	1.25	2.5	2.75	2.5	2.5	2.75
PH102	Pharmaceutics (Theory)	2.25	0.75	1.25	1.75	0.5	1.75	2	-	1.25	2.5	2.25	2.25	2	2
PH109	Pharmaceutics (Practical)	2.5	0.75	1.25	2.5	1.5	1.75	2.25	2	2.25	1.25	2.25	2.25	1.75	1.75
PH103	Medicinal Biochemistry (Theory)	2	0.75	1	1.75	-	1.25	1.5	-	0.75	-	1.5	1.75	1.5	1.5
PH110	Medicinal Biochemistry (Practical)	2.25	1.75	2.25	2.5	1.25	1.75	2.25	1.25	1.75	1.5	2.25	2.25	1.5	2.25
PH104	Pharmaceutical Organic Chemistry (Theory)	1.5	0.5	1.25	-	0.5	1.5	1.5	0.5	-	-	1.25	2	1.5	1.5
PH111	Pharmaceutical Organic Chemistry (Practical)	2.5	1.5	1.5	2	2	1.75	2	-	0.75	1.25	1.75	2	1.75	2


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PH105	Pharmaceutical Inorganic Chemistry (Theory)	1.75	1.75	1.5	1.5	1.5	1.75	1.75	0.75	1	-	2	2.5	2.25	2.5
PH112	Pharmaceutical Inorganic Chemistry (Practical)	2.5	1.75	1.25	2	2.5	3	1.5	1.5	1.25	-	2.5	2.25	1.5	1.75
PH106	Remedial Mathematics (Theory)	2.25	1.5	1.25	2	1.5	1.5	1.5	1.5	-	-	2.5	2.5	1.75	2.75
PH107	Remedial Biology (Theory)	1.7	1.16	1	-	-	1.6	1.7	-	-	1.5	1.66	1.66	1.33	1.5
PH113	Remedial Biology (Practical)	2.16	1.33	1	1.66	1	1.83	2	0.66	1.33	-	1.5	2	1.83	2
PH201	Pathophysiology (Theory)	1.75	0.75	1.5	-	0.75	1.75	2.25	-	1.25	-	1.5	1.75	1	0.5
PH202	Pharmaceutical Microbiology (Theory)	2.25	1.25	1.75	1.25	0.75	1.75	1.75	-	0.5	1.25	2.5	2.25	1.5	1.75
PH207	Pharmaceutical Microbiology (Practical)	2.5	2	1.5	2.25	1.25	2	2.5	0.75	1.5	1.75	2	2	2.25	2
PH203	Pharmacognosy and Phytopharmaceuticals	2.25	1	1.75	1.25	0.75	1.75	1.75	-	-	1.25	2.5	2.25	1.5	1.75

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	(Theory)														
PH208	Pharmacognosy and Phytopharmaceuticals (Practical)	2.25	0.75	0.75	1.5	0.75	1.75	1.25	0.75	1.25	1.75	2.25	2.25	1.75	1.5
PH204	Pharmacology-I (Theory)	2	0.75	0.5	0.75	0	1.5	1.25	0.75	0.75	-	-	1.75	1.5	2
PH205	Community Pharmacy (Theory)	2.25	1.75	2.25	2.5	1.25	1.75	2.25	1.25	1.75	1.5	2.25	2.25	1.5	2.25
PH206	Pharmacotherapeutics – I (Theory)	2.5	1.5	1.5	2	1.75	1.75	2	1.5	1.25	0.5	2.25	2	1.75	2
PH209	Pharmacotherapeutics – I (Practical)	2	1	0.75	2	1.75	1.25	1.5	1.5	1	-	2	2.5	2.5	2.25
PH301	Pharmacology II (Theory)	1.5	1	0.75	1.5	-	1.25	1.5	1.5	1	-	2	2	2.5	1.75
PH307	Pharmacology II (Practical)	2.5	0.75	1.25	2.5	1.5	1.75	2.25	2	2.25	1.25	2.25	2.25	1.75	1.75
PH302	Pharmaceutical Analysis (Theory)	2.25	0.75	0.75	-	0.75	1.75	1.25	0.75	-	-	2.25	2.25	1.75	1.5
PH308	Pharmaceutical Analysis (Practical)	2.25	1.75	2.25	2.5	1.25	1.75	2.25	1.25	1.75	-	2.25	2.25	1.5	2.25

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PH304	Pharmacotherapeutics – II (Theory)	1.5	0.5	1.25	-	0.5	1.5	1.5	-	-	1	1.25	2	1.5	1.5
PH303	Pharmacotherapeutics – II (Practical)	2.5	1.5	1.5	2	2	1.75	2	-	0.75	1.25	1.75	2	1.75	2
PH306	Pharmaceutical Jurisprudence (Theory)	1.75	0.75	1.5	-	0.75	1.75	2.25	-	1.25	-	1.5	1.75	1	0.5
PH305	Medicinal Chemistry (Theory)	2	1	1	-	0.5	1.5	1.25	-	0.5	-	1.75	2	1.5	1.75
PH310	Medicinal Chemistry (Practical)	2.25	0.5	0.5	2.75	-	1.25	1.25	-	1	-	2	2.25	2	1.75
PH306	Pharmaceutical Formulation (Theory)	2.5	1.25	0.5	-	-	1.75	1.75	-	0.75	0.75	2.5	2	0.75	1
PH311	Pharmaceutical Formulation (Practical)	1.75	0.75	1	2	1	1.75	1.75	0.75	-	1	2	1.5	1.5	1.5
PD401	Pharmacotherapeutics III (Theory)	2.5	1.25	0.5	-	-	1.75	1.75	-	0.75	0.75	2.5	2	0.75	1
PD407	Pharmacotherapeutics - I II (Practical)	2.25	0.5	1	-	0.75	1.5	1.5	0.75	1.5	-	2.25	1.5	1.25	1.5
PD402	Hospital Pharmacy (Theory)	2.5	1.25	0.5	-	-	1.75	1.75	-	0.75	0.75	2.5	2	0.75	1


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PD408	Hospital Pharmacy (Practical)	1.5	0.5	1.25	-	0.5	1.5	1.5	0.5	1.5	-	1.25	2	1.5	1.5
PD403	Clinical Pharmacy (Theory)	1.75	1	1.25	-	0.5	1.5	1.5	-	1.5	-	1	1.5	1.25	1.5
PD409	Clinical Pharmacy (Practical)	2.5	1.5	1.5	2	2	1.75	2	1.25	0.75	-	1.75	2	1.75	2
PD404	Biostatistics & Research Methodology (Theory)	1.5	0.5	0.5	0.75	0.5	1	1	0.75	1.5	-	1.5	1.25	1.5	1.25
PD405	Biopharmaceutics & Pharmacokinetics (Theory)	1.5	0.5	0.75	-	1	1.75	1.5	1.25	1.5	-	2	2	1.5	1.5
PD410	Biopharmaceutics & Pharmacokinetics (Practical)	2.5	0.75	1.25	2.5	1.5	1.75	2.25	2	2.25	-	2.25	2.25	1.75	1.75
PD406	Clinical Toxicology (Theory)	1.8	0.6	0.8	1.8	0.8	1.6	1.8	0.6	0.8	-	2	1.4	1.6	1.6
PD407	Pharmacotherapeutics - III (Practical)	1.25	1.5	1.25	-	0.75	1.75	2.25	1.75	1.75	-	1.5	1.75	1.5	2.5
PD501	Clinical research (Theory)	2.6	1.8	1.4	2.2	2.6	3	1.6	1.4	1.2	-	2.6	2.4	1.6	2

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PD407	Pharmacotherapeutics - I II (Practical)	2.33	1.16	0.66	1.5	1.16	1.5	1.16	1	1.16	-	1.5	1.6	1.5	2
PD503	Clinical Pharmacokinetics & Pharmacotherapeutic drug monitoring (Theory)	2.5	1.5	1.75	0.75	1.5	1.75	2.5	1.75	1.25	-	2.75	2.25	1.5	2.5
PD504	Clerkship	2.6	1.8	1.4	2.2	2.6	3	1.6	1.4	1.2	-	2.6	2.4	1.6	2
PD505	Project Work	2.4	1.6	1.4	1.8	1.6	1.8	2	1.6	1.4	0.4	1.6	2	1.8	2
	Internship	2.3	2	1.83	2	1.6	1.5	1.6	1.6	2	1.33	1.6	2	1.83	2
PH401	Pharmacotherapeutics III (Theory)	2.5	1.25	0.5	-	-	1.75	1.75	-	0.75	0.75	2.5	2	0.75	1
PH407	Pharmacotherapeutics III (Practical)	2.25	0.5	1	-	0.75	1.5	1.5	0.75	1.5	-	2.25	1.5	1.25	1.5
PH402	Hospital Pharmacy (Theory)	2.5	1.25	0.5	-	-	1.75	1.75	-	0.75	0.75	2.5	2	0.75	1
PH408	Hospital Pharmacy (Practical)	1.5	0.5	1.25	-	0.5	1.5	1.5	0.5	1.5	-	1.25	2	1.5	1.5
PH403	Clinical Pharmacy	1.75	1	1.25	-	0.5	1.5	1.5	-	1.5	-	1	1.5	1.25	1.5


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	(Theory)														
PH409	Clinical Pharmacy (Practical)	2.5	1.5	1.5	2	2	1.75	2	1.25	0.75	-	1.75	2	1.75	2
PH404	Biostatistics & Research Methodology (Theory)	1.5	0.5	0.5	0.75	0.5	1	1	0.75	1.5	-	1.5	1.25	1.5	1.25
PH405	Biopharmaceutics & Pharmacokinetics (Theory)	1.5	0.5	0.75	-	1	1.75	1.5	1.25	1.5	-	2	2	1.5	1.5
PH410	Biopharmaceutics & Pharmacokinetics (Practical)	2.5	0.75	1.25	2.5	1.5	1.75	2.25	2	2.25	-	2.25	2.25	1.75	1.75
PH406	Clinical Toxicology (Theory)	1.8	0.6	0.8	1.8	0.8	1.6	1.8	0.6	0.8	-	2	1.4	1.6	1.6
PH411	Pharmacotherapeutics I & II (Theory)	2.5	1.5	1.5	2	1.75	1.75	2	1.5	1.25	0.5	2.25	2	1.75	2
PH412	Pharmacotherapeutics I & II (Practical)	2	1	0.75	2	1.75	1.25	1.5	1.5	1	-	2	2.5	2.5	2.25
PH501	Clinical research (Theory)	2.6	1.8	1.4	2.2	2.6	3	1.6	1.4	1.2	-	2.6	2.4	1.6	2

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PH502	Pharmacoepidemiology & Pharmacoeconomics (Theory)	2.5	2	1.5	2.16	2.5	2.8	1.6	1.5	1.3	0	2.5	2.3	1.6	2
PH503	Clinical pharmacokinetics & Pharmacotherapeutic drug monitoring (Theory)	2.5	1.5	1.75	0.75	1.5	1.75	2.5	1.75	1.25	-	2.75	2.25	1.5	2.5
PH504	Clerkship	2.6	1.8	1.4	2.2	2.6	3	1.6	1.4	1.2	-	2.6	2.4	1.6	2
PH505	Project Work	2.4	1.6	1.4	1.8	1.6	1.8	2	1.6	1.4	0.4	1.6	2	1.8	2
	Internship	2.3	2	1.83	2	1.6	1.5	1.6	1.6	2	1.33	1.6	2	1.83	2


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