

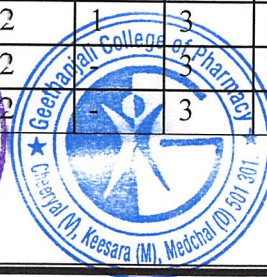
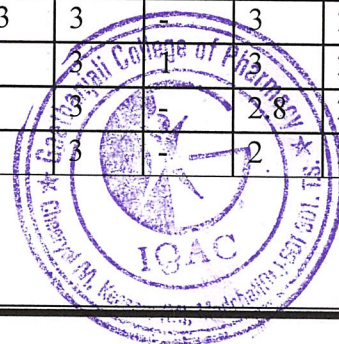
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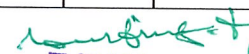
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 Cheeryal (V), Keesara (M), Medchal-Malkajgiri Dist., Telangana State- 501301

CO-PO ATTAINMENT REPORT- B.Pharmacy (2017-2021) BATCH

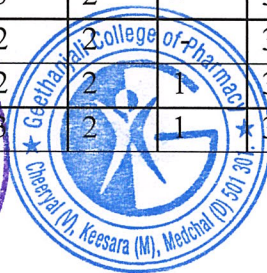
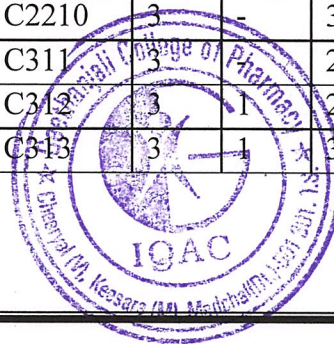
Table 1: CO-PO CORRELATION MATRIX OF ALL COURSES OF B.Pharmacy (2017-2021) ACADEMIC BATCH

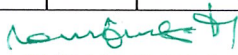
PROGRAMME: B.PHARMACY													
Year/Sem	Course Name	Course Code	CO-PO Correlation value										
			PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
I/I	Human Anatomy and Physiology I	C111	3	1	3	2	1	3	3	2	2	2	3
I/I	Pharmaceutical Analysis I	C112	3	1	3	2	1	3	1	1	2	2	3
I/I	Pharmaceutics I	C113	3	2	2.2	2.2	2	3	3	2	2.8	2.2	3
I/I	Pharmaceutical Inorganic Chemistry-I	C114	3	-	2.8	2	-	3	3	-	3	3	3
I/I	Communication skills	C115	2	2	3	2	3	3	2	3	2	2	3
I/I	Remedial Biology	C116	3	-	3	2	-	3	3	-	3	2	3
I/I	Remedial Mathematics	C117	-	-	3	2	-	-	-	-	3	-	3
I/I	Human Anatomy and Physiology-I lab	C118	3	-	3	2	-	3	3	2	2	2	3
I/I	Pharmaceutical Analysis-I lab	C119	3	-	2.8	1.8	-	3	3	3	2.8	2	3
I/I	Pharmaceutics I lab	C1110	3	2	2	2	2	3	3	2	2.8	2	3
I/I	Pharmaceutical Inorganic Chemistry-I lab	C1111	3	-	3	2	-	3	3	-	3	3	3
I/I	Communication skills lab	C1112	-	2	3	2	3	3	2	3	2	2	3
I/I	Remedial Biology lab	C1113	3	-	3	2	-	3	3	1	3	2	3
I/II	Human Anatomy and Physiology II	C121	3	1	3	2	1	3	3	2	2	2	3
I/II	Pharmaceutical Organic Chemistry I	C122	3	-	2.8	2	-	3	3	-	2.8	2	3
I/II	Biochemistry	C123	3	-	2	2	-	3	3	1	2	2	3



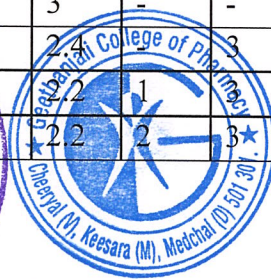
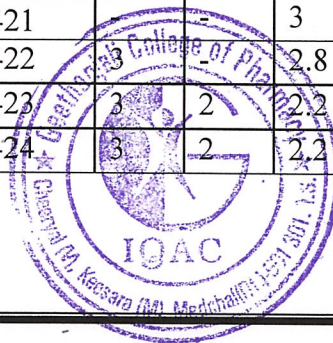

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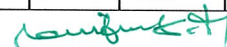
I/II	Pathophysiology	C124	3	1	3	2	2	3	3	2	2	2	3
I/II	Computer Applications in Pharmacy	C125	3	-	3	2	-	2	2	-	2	2	2
I/II	Human Anatomy and Physiology II lab	C126	3	-	3	2	-	3	3	2	2	2	3
I/II	Pharmaceutical Organic Chemistry I lab	C127	3	-	2.8	2	-	3	3	-	2.8	2	3
I/II	Biochemistry lab	C128	3	-	3	2	-	3	3	1	3	2	3
I/II	Computer Applications in Pharmacy lab	C129	3	-	3	2	-	1	-	-	2	-	3
II/I	Pharmaceutical Organic Chemistry-II	C211	3	-	3	2	-	3	3	-	3	2	3
II/I	Physical Pharmaceutics-I	C212	3	-	3	2	-	3	3	-	3	2	3
II/I	Pharmaceutical Microbiology	C213	3	1	3	2.6	1	3	3	1	3	2.6	3
II/I	Pharmaceutical Engineering	C214	3	2	2	2	1	3	3	1	2	2	3
II/I	Pharmaceutical Organic Chemistry-II Lab	C215	3	-	3	2	-	3	3	-	3	2	3
II/I	Physical Pharmaceutics-I Lab	C216	3	2	2	2	2	3	3	2	2	2	3
II/I	Pharmaceutical Microbiology Lab	C217	3	1	3	3	1	3	3	1	3	3	3
II/I	Pharmaceutical Engineering Lab	C218	3	2	3	2	1	3	3	1	3	2	3
II/II	Pharmaceutical Organic Chemistry-III	C221	3	-	2	2	-	3	3	1	2	2	3
II/II	Medicinal Chemistry-I	C222	3	-	3	2	-	3	3	-	3	2	3
II/II	Physical Pharmaceutics-II	C223	3	-	3	2	-	3	3	-	3	2	3
II/II	Pharmacology-I	C224	3	1	2.4	2.2	2	3	2	2.2	2.8	1.6	3
II/II	Pharmacognosy and Phytochemistry-I	C225	3	-	2.8	2	-	3	3	-	3	2	3
II/II	Medicinal Chemistry-I Lab	C226	3	-	3	2	-	3	3	-	3	2	3
II/II	Physical Pharmaceutics-II Lab	C227	2.8	2	3	2.4	2	2.8	2.8	2	2.4	2.4	3
II/II	Pharmacology-I Lab	C228	3	1	2.4	2	1	3	3	1	3	2.4	3
II/II	Pharmacognosy & Phytochemistry-I Lab	C229	3	-	2.8	2	-	3	3	-	3	2	3
II/II	Gender Sensitization Lab	C2210	3	-	3	2	-	3	3	1	3	2	3
III/I	Medicinal Chemistry - II	C311	3	1	2	2	1	3	3	1	2	2	3
III/I	Industrial Pharmacy - I	C312	3	1	2	2	1	3	3	1	2	2	3
III/I	Pharmacology - II	C313	3	1	3	2	1	3	3	2	3	1	3



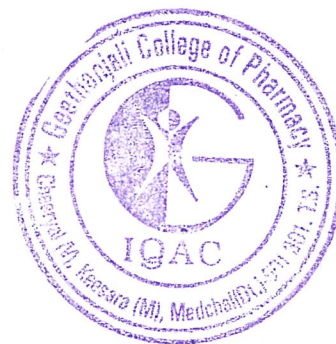

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III/I	Pharmacognosy and Photochemistry - II	C314	3	-	3	3	-	3	3	-	3	3	3
III/I	Generic Product Development	C315	3	2	2	2	1	3	3	2	2.8	2	3
III/I	Industrial Pharmacy - I lab	C316	3	2	3	3	1	3	3	1	3	3	3
III/I	Pharmacology – II lab	C317	3	2	3	2.4	1	3	3	2	3	1	3
III/I	Pharmacognosy & Photochemistry- II lab	C318	3	-	3	3	-	3	3	-	3	3	3
III/I	Environmental Sciences	C319	3	1	3	2	1	3	3	1	3	3	3
III/II	Medicinal Chemistry - III	C321	3	-	2	2	-	3	3	-	2	3	3
III/II	Pharmacology – III	C322	3	1	3	3	2	3	3	2	3	2	3
III/II	Herbal Drug Technology	C323	3	-	3	3	-	3	3	-	3	3	3
III/II	Biopharmaceutics and Pharmacokinetics	C324	3	2	2	2	1	3	3	1	2	2	3
III/II	Pharmaceutical Biotechnology	C325	3	2	2	2	1	3	3	2	2.8	2	3
III/II	Medicinal Chemistry – III lab	C326	3	-	3	3	-	3	3	-	3	3	3
III/II	Pharmacology – III lab	C327	3	1	3	3	2	3	3	2	3	2	3
III/II	Herbal Drug Technology lab	C328	3	-	3	3	-	3	3	-	3	3	3
III/II	Human Values and Professional Ethics	C329	3	2	3	3	2	3	3	2	3	3	3
IV/I	Instrumental Methods of Analysis	C411	2.8	-	2.8	2	-	3	2.8	3	3	2	3
IV/I	Industrial Pharmacy-II	C412	3	1	3	3	-	3	3	-	3	3	3
IV/I	Pharmacy Practice	C413	3	2	3	3	2	3	3	2	3	3	3
IV/I	Novel Drug Delivery Systems	C414	3	2	2	2	2	3	3	2	2	2	1
IV/I	Pharmacovigilance	C415	3	2	3	2.6	2	3	3	2	3	2.6	3
IV/I	Instrumental Methods of Analysis Lab	C416	2	2	3	2	3	2	3	3	3	2	3
IV/I	Practice School	C417	2.8	1.8	3	2.6	2.8	2.8	2.8	2.8	3	3	3
IV/I	Industrial Training	C418	3	2	3	2.6	3	3	3	3	3	3	3
IV/II	Biostatistics & Research Methodology	C421	3	-	3	3	-	-	-	-	3	-	3
IV/II	Social and Preventive Pharmacy	C422	3	2	2.8	2.4	3	3	3	-	3	2.4	3
IV/II	Pharmaceutical Jurisprudence	C423	3	2	2.2	2.2	1	3	3	2	2.8	2.2	3
IV/II	Nano Technology	C424	3	2	2.2	2.2	2	3	3	2	2	2.2	3




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IV/II	Project	C425	3	3	3	3	3	3	3	3	3	3	3
Average CO-PO Correlation			2.83	0.82	2.75	2.24	0.82	2.85	2.77	1.15	2.68	2.15	2.95



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13. 17Z CONSOLIDATED CO-ATTAINMENT REPORT

Note: 80% weightage to University examination and 20% weightage to Internal exams the attainment calculations will be (80% of University level) + (20% of Internal level).

CO Attainment based on internal exam
(CI)

CO Attainment based on University exam
(CU)

% students \geq bench mark (50%)	Attainment level
60	1
70	2
80	3

% students \geq bench mark (40%)	Attainment level
60	1
70	2
80	3

BATCH (2017-2021) REGULATION R17 (SEC-A)

Program: B. Pharmacy/ First Year/ I Semester

1. Human Anatomy and Physiology I(Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C111	Human Anatomy and Physiology I(Theory)	CO1	44.73	0	0	39.4	0	1.6	1.6
		CO2	63.15	1	0.2	39.4	0	1.6	1.8
		CO3	68.42	1	0.2	39.4	0	1.6	1.8
		CO4	81.57	3	0.6	39.4	0	1.6	2.2
		CO5	81.57	3	0.6	39.4	0	1.6	2.2
Overall CO attainment			67.88	1.6	0.32	39.4	0	1.6	1.92



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2. Pharmaceutical Analysis I (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal+ University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C112	Pharmaceutical Analysis I	CO1	30.7	0	0	76.9	2	1.6	1.6
		CO2	5.12	0	0	76.9	2	1.6	1.6
		CO3	7.69	0	0	76.9	2	1.6	1.6
		CO4	17.5	0	0	76.9	2	1.6	1.6
		CO5	37.5	0	0	76.9	2	1.6	1.6
Overall CO attainment			19.702	0	0	76.9	2	1.6	1.6

3. Pharmaceutics I(Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal+ University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C113	Pharmaceutics I	CO1	9.5	0	0	88.09	3	2.4	2.4
		CO2	90.4	3	0.6	88.09	3	2.4	3
		CO3	100	3	0.6	88.09	3	2.4	3
		CO4	69.04	1	0.2	88.09	3	2.4	2.6
		CO5	16.66	0	0	88.09	3	2.4	2.4
Overall CO attainment			57.12	1.4	0.28	88.09	3	2.4	2.68



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4. Pharmaceutical Inorganic Chemistry (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal+ University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C114	Pharmaceutical Inorganic Chemistry	CO1	79	2	0.4	86.04	3	2.4	2.8
		CO2	18.6	0	0	86.04	3	2.4	2.4
		CO4	97.67	3	0.6	86.04	3	2.4	5.4
		CO5	41.86	0	0	86.04	3	2.4	2.4
		CO6	13.95	0	0	86.04	3	2.4	2.4
Overall CO attainment			50.216	1	0.2	86.04	3	2.4	3.08

5. Communication skills (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C115	Communication skills	CO1	95.3	3	0.6	95.3	3	2.4	3
		CO2	56	0	0	95.3	3	2.4	2.4
		CO3	16.2	0	0	95.3	3	2.4	2.4
		CO4	100	3	0.6	95.3	3	2.4	3
		CO5	83.7	3	0.6	95.3	3	2.4	3
Overall CO attainment			70.24	1.8	0.36	95.3	3	2.4	2.76



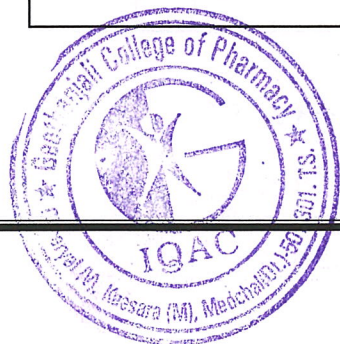

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6. Remedial Biology (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal+ University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A- Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B- University Examinations attainment level (0.80*b)	
C116	Remedial Biology	CO1	50.0	0	0	83.3	3	2.4	2.4
		CO2	33.3	0	0	83.3	3	2.4	2.4
		CO3	66.6	1	0.2	83.3	3	2.4	2.6
		CO4	66.6	1	0.2	83.3	3	2.4	2.6
		CO5	33.3	0	0	83.3	3	2.4	2.4
Overall CO attainment			49.9	0.4	0.08	83.3	3	2.4	2.48

7. Remedial Mathematics (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal+ University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A- Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B- University Examinations attainment level (0.80*b)	
C116	Remedial Biology	CO1	46.5	0	0	44.1	0	0	0
		CO2	51.1	0	0	44.1	0	0	0
		CO3	95.3	3	0.6	44.1	0	0	0.6
		CO4	18.6	0	0	44.1	0	0	0
		CO5	23.2	0	0	44.1	0	0	0
Overall CO attainment			49.9	0.6	0.12	44.1	0	0	0.12



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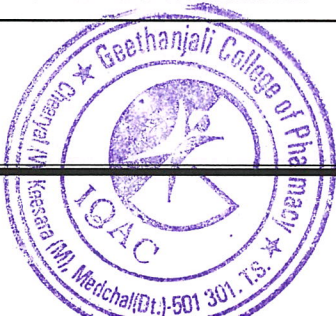



8. Human Anatomy and Physiology-I (lab)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C118	Human Anatomy and Physiology-I lab	CO1	100	3	0.6	100	3	2.4	3
		CO2	100	3	0.6	100	3	2.4	3
		CO3	100	3	0.6	100	3	2.4	3
		CO4	100	3	0.6	100	3	2.4	3
		CO5	100	3	0.6	100	3	2.4	3
Overall CO attainment			100	3	0.6	100	3	2.4	3

9. Pharmaceutical Analysis-I (lab)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C119	Pharmaceutical Analysis-I lab	CO1	78	2	0.4	100	3	2.4	2.8
		CO2	85	3	0.6	100	3	2.4	3
		CO3	81	3	0.6	100	3	2.4	3
		CO4	86	3	0.6	100	3	2.4	3
		CO5	95	3	0.6	100	3	2.4	3
Overall CO attainment			85	2.8	0.56	100	3	2.4	2.96




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10. Pharmaceutics I (lab)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal+ University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C1110	Pharmaceutics I lab	CO1	0	0	0	100	3	2.4	2.4
		CO2	55.8	0	0	100	3	2.4	2.4
		CO3	11.6	0	0	100	3	2.4	2.4
		CO4	55.8	0	0	100	3	2.4	2.4
		CO5	18.6	0	0	100	3	2.4	2.4
Overall CO attainment			28.3	0	0	100	3	2.4	2.88

11. Pharmaceutical Inorganic Chemistry-I (lab)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal+ University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C1111	Pharmaceutical Inorganic Chemistry-I lab	CO1	100	3	0.6	100	3	2.4	3
		CO2	100	3	0.6	100	3	2.4	3
		CO3	95.3	3	0.6	100	3	2.4	3
		CO4	100	3	0.6	100	3	2.4	3
		CO5	0	0	0	100	3	2.4	2.4
Overall CO attainment			79.0	2.4	0.48	100	3	2.4	2.88



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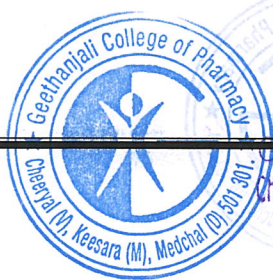
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12. Communication skills Lab

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C1112	Communication skills lab	CO1	100	3	0.6	100	3	2.4	3
		CO2	100	3	0.6	100	3	2.4	3
		CO3	97.4	3	0.6	100	3	2.4	3
		CO4	97.4	3	0.6	100	3	2.4	3
		CO5	97.4	3	0.6	100	3	2.4	3
Overall CO attainment			98.4	3	0.6	100	3	2.4	3

13. Remedial Biology Lab

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C1113	Remedial Biology lab	CO1	50.0	0	0	100	3	2.4	2.4
		CO2	80.0	3	0.6	100	3	2.4	3
		CO3	100	3	0.6	100	3	2.4	3
		CO4	100	3	0.6	100	3	2.4	3
		CO5	10	3	0.6	100	3	2.4	3
Overall CO attainment			68	2.4	0.48	100	3	2.4	2.88



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Program: B. Pharmacy/ First Year/ II Semester

1. Human Anatomy and Physiology II (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C121	Human Anatomy and Physiology II	CO1	64.8	1	0.2	78.3	2	1.6	1.8
		CO2	35.1	0	0	78.3	2	1.6	1.6
		CO3	100	3	0.6	78.3	2	1.6	2.2
		CO4	72.9	2	0.4	78.3	2	1.6	2
		CO5	97.2	3	0.6	78.3	2	1.6	2.2
Overall CO attainment			74	1.8	0.36	78.3	2	1.6	1.96

2. Pharmaceutical Organic Chemistry I (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C122	Pharmaceutical Organic Chemistry I	CO1	50.0	0	0	89.1	3	2.4	2.4
		CO2	62.1	1	0.2	89.1	3	2.4	2.6
		CO3	0.00	0	0	89.1	3	2.4	2.4
		CO4	70.2	2	0.4	89.1	3	2.4	2.8
		CO5	45.9	0	0	89.1	3	2.4	2.4
Overall CO attainment			45.6	0.6	0.12	89.1	3	2.4	2.52



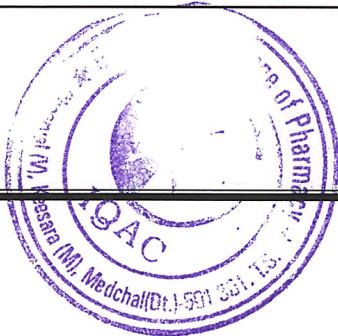
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3. Biochemistry (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C123	Biochemistry	CO1	51.1	0	0	86	3	2.4	2.4
		CO2	55.8	0	0	86	3	2.4	2.4
		CO3	20.9	0	0	86	3	2.4	2.4
		CO4	79.0	2	0.4	86	3	2.4	2.8
		CO5	79.0	2	0.4	86	3	2.4	2.8
Overall CO attainment			57.1	0.8	0.16	86	3	2.4	2.56

4. Patho Physiology (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C124	Patho Physiology	CO1	48.8	0	0	93.0	3	2.4	2.4
		CO2	46.5	0	0	93.0	3	2.4	2.4
		CO3	79.0	2	0.4	93.0	3	2.4	2.8
		CO4	72.0	2	0.4	93.0	3	2.4	2.8
		CO5	76.7	2	0.4	93.0	3	2.4	2.8
Overall CO attainment			64.6	1.2	0.24	93.0	3	2.4	2.64



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5. Computer Applications in Pharmacy (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C125	Computer Applications in Pharmacy	CO1	97.6	3	0.6	85.7	3	2.4	3
		CO2	65.1	1	0.2	85.7	3	2.4	2.6
		CO3	100	3	0.6	85.7	3	2.4	3
		CO4	88.3	3	0.6	85.7	3	2.4	3
		CO5	0	0	0	85.7	3	2.4	2.4
Overall CO attainment			70.2	2	0.4	85.7	3	2.4	2.8

6. Human Anatomy and Physiology II (lab)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C126	Human Anatomy and Physiology II lab	CO1	100	3	0.6	100	3	2.4	3
		CO2	100	3	0.6	100	3	2.4	3
		CO3	100	3	0.6	100	3	2.4	3
		CO4	100	3	0.6	100	3	2.4	3
		CO5	100	3	0.6	100	3	2.4	3
Overall CO attainment			100	3	0.6	100	3	2.4	3




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7. Pharmaceutical Organic Chemistry- I (lab)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C127	Pharmaceutical Organic Chemistry I lab	CO1	0	0	0	100	3	2.4	2.4
		CO2	100	3	3	100	3	2.4	3
		CO3	100	3	3	100	3	2.4	3
		CO4	100	3	3	100	3	2.4	3
		CO5	100	3	3	100	3	2.4	3
Overall CO attainment			80	2.4	2.4	100	3	2.4	2.88

8. Biochemistry (lab)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C128	Biochemistry lab	CO1	100	3	0.6	100	3	2.4	3
		CO2	62.7	1	0.2	100	3	2.4	2.6
		CO3	97.6	3	0.6	100	3	2.4	3
		CO4	100	3	0.6	100	3	2.4	3
		CO5	100	3	0.6	100	3	2.4	3
Overall CO attainment			92.0	2.6	0.52	100	3	2.4	2.9




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9. Computer Applications in Pharmacy (lab)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal+ University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20* a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C129	Computer Applications in Pharmacy lab	CO1	100	3	0.6	100	3	2.4	3
		CO2	100	3	0.6	100	3	2.4	3
		CO3	100	3	0.6	100	3	2.4	3
		CO4	100	3	0.6	100	3	2.4	3
		CO5	100	3	0.6	100	3	2.4	3
Overall CO attainment			100	3	0.6	100	3	2.4	3

Program: B. Pharmacy/ II Year/ I Semester

1. Pharmaceutical Organic Chemistry-II (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal+ University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20* a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C211	Pharmaceutical Organic Chemistry-II	CO1	74.4	2	0.4	97.6	3	2.4	2.8
		CO2	51.1	0	0	97.6	3	2.4	2.4
		CO3	44.1	0	0	97.6	3	2.4	2.4
		CO4	51.1	0	0	97.6	3	2.4	2.4
		CO5	69.7	1	0.2	97.6	3	2.4	2.6
Overall CO attainment			58.0	0.6	0.12	97.6	3	2.4	2.52



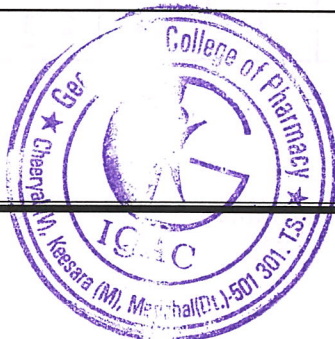
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2. Physical Pharmaceutics-I (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C212	Physical Pharmaceutics-I	CO1	20.9	0	0	86.0	3	2.4	2.4
		CO2	25.5	0	0	86.0	3	2.4	2.4
		CO3	9.3	0	0	86.0	3	2.4	2.4
		CO4	44.1	0	0	86.0	3	2.4	2.4
		CO5	81.3	3	0.6	86.0	3	2.4	2.6
Overall CO attainment			27.1	0.6	0.12	86.0	3	2.4	12.2

3. Pharmaceutical Microbiology (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C213	Pharmaceutical Microbiology	CO1	90.4	3	0.6	97.6	3	2.4	3
		CO2	9.5	0	0	97.6	3	2.4	2.4
		CO3	100	3	0.6	97.6	3	2.4	3
		CO4	38.0	0	0	97.6	3	2.4	2.4
		CO5	83.3	3	0.6	97.6	3	2.4	3
Overall CO attainment			64.2	1.8	0.36	97.6	3	2.4	2.76



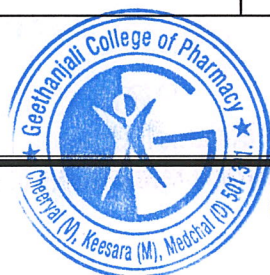
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4. Pharmaceutical Engineering (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C214	Pharmaceutical Engineering	CO1	54.5	0	0	72.7	2	1.6	1.6
		CO2	36.3	0	0	72.7	2	1.6	1.6
		CO3	0	0	0	72.7	2	1.6	1.6
		CO4	100	3	0.6	72.7	2	1.6	2.2
		CO5	95.4	3	0.6	72.7	2	1.6	2.2
Overall CO attainment			57.2	1.2	0.24	72.7	2	1.6	1.84

5. Pharmaceutical Organic Chemistry-II (Lab)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C215	Pharmaceutical Organic Chemistry-II Lab	CO1	88.3	3	0.6	100	3	2.4	3
		CO2	41.8	0	0.6	100	3	2.4	2.4
		CO3	100	3	0.6	100	3	2.4	2.4
		CO4	100	3	0.6	100	3	2.4	2.4
		CO5	0.00	0	0	100	3	2.4	2.4
Overall CO attainment			66.0	1.8	0.48	100	3	2.4	2.52



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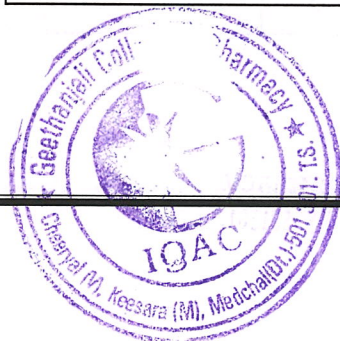
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6. Medicinal Chemistry-I Lab

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C226	Medicinal Chemistry-I Lab	CO1	100	3	0.6	100	3	2.4	3
		CO2	91.8	3	0.6	100	3	2.4	3
		CO3	100	3	0.6	100	3	2.4	3
		CO4	100.	3	0.6	100	3	2.4	3
		CO5	100	3	0.6	100	3	2.4	3
Overall CO attainment			98.3	3	0.6	100	3	2.4	3

7. Physical Pharmaceutics-II Lab

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C227	Physical Pharmaceutics-II Lab	CO1	65.9	1	0.2	98.1	3	2.4	2.6
		CO2	100	3	0.6	98.1	3	2.4	3
		CO3	99.2	3	0.6	98.1	3	2.4	3
		CO4	84.2	3	0.6	98.1	3	2.4	3
		CO5	100	3	0.6	98.1	3	2.4	3
Overall CO attainment			89.8	2.6	0.52	98.1	3	2.4	2.9



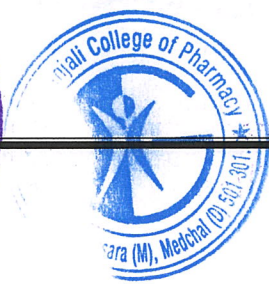

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8. Pharmacology-I Lab

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C228	Pharmacology-I Lab	CO1	100	3	0.6	100	3	2.4	3
		CO2	100	3	0.6	100	3	2.4	3
		CO3	100	3	0.6	100	3	2.4	3
		CO4	100	3	0.6	100	3	2.4	3
		CO5	100	3	0.6	100	3	2.4	3
Overall CO attainment			100	3	0.6	100	3	2.4	3

9. Pharmacognosy and Phytochemistry-I Lab

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C229	Pharmacognosy and Phytochemistry -I Lab	CO1	100	3	0.6	100	3	2.4	3
		CO2	100	3	0.6	100	3	2.4	3
		CO3	100	3	0.6	100	3	2.4	3
		CO4	100	3	0.6	100	3	2.4	3
		CO5	100	3	0.6	100	3	2.4	3
Overall CO attainment			100	3	0.6	100	3	2.4	3



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10. Gender Sensitization Lab

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal+ University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C2210	Gender Sensitization Lab	CO1	0.00	0	0	100	3	2.4	2.4
		CO2	0.00	0	0	100	3	2.4	2.4
		CO3	0.00	0	0	100	3	2.4	2.4
		CO4	0.00	0	0	100	3	2.4	2.4
		CO5	0.00	0	0	100	3	2.4	2.4
Overall CO attainment			0.00	0	0	100	3	2.4	2.4

Program: B. Pharmacy/Third Year/ I Semester

1. Medicinal Chemistry - II

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal+ University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C311	Medicinal Chemistry - II	CO1	55.5	0	0	57.1	0	0	0
		CO2	27.7	0	0	57.1	0	0	0
		CO3	91.6	3	0.6	57.1	0	0	0.6
		CO4	16.6	0	0	57.1	0	0	0
		CO5	61.1	1	0.2	57.1	0	0	0.2
Overall CO attainment			50.5	0.8	0.16	57.1	0	0	0.16



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2. Industrial Pharmacy – I (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20* a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C312	Industrial Pharmacy - I	CO1	45	0	0	62	1	0.8	0.8
		CO2	62	1	0.2	62	1	0.8	1
		CO3	57	0	0	62	1	0.8	0.8
		CO4	14	0	0	62	1	0.8	0.8
		CO5	68	1	0.2	62	1	0.8	1
Overall CO attainment			49.2	0.4	0.08	62	1	0.8	0.88

3. Pharmacology – II (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20* a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C313	Pharmacology - II	CO1	14.2	0	0	88.5	3	2.4	2.4
		CO2	45.7	0	0	88.5	3	2.4	2.4
		CO3	85.7	3	0.6	88.5	3	2.4	3
		CO4	42.8	0	0	88.5	3	2.4	2.4
		CO5	17.1	0	0	88.5	3	2.4	2.4
Overall CO attainment			41.1	0.6	0.12	88.5	3	2.4	2.52



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4. Pharmacognosy and Phytochemistry – II (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C314	Pharmacognosy and Phytochemistry - II	CO1	14.8	0	0	79	2	1.6	1.6
		CO2	23.4	0	0	79	2	1.6	1.6
		CO3	13.5	0	0	79	2	1.6	1.6
		CO4	25.9	0	0	79	2	1.6	1.6
		CO5	23.4	0	0	79	2	1.6	1.6
Overall CO attainment			20.2	0	0	79	2	1.6	1.6

5. Generic Product Development (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C315	Generic Product Development	CO1	75	2	0.4	75	2	1.6	2
		CO2	53	0	0	75	2	1.6	1.6
		CO3	4.5	0	0	75	2	1.6	1.6
		CO4	91	3	0.6	75	2	1.6	2.2
		CO5	98	3	0.6	75	2	1.6	2.2
Overall CO attainment			64.3	1.6	0.32	75	2	1.6	1.92



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6. Industrial Pharmacy - I Lab

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal+ University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20* a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C316	Industrial Pharmacy - I lab	CO1	88	3	0.6	100	3	2.4	3
		CO2	100	3	0.6	100	3	2.4	3
		CO3	100	3	0.6	100	3	2.4	3
		CO4	85	3	0.6	100	3	2.4	3
		CO5	100	3	0.6	100	3	2.4	3
Overall CO attainment			94.6	3	0.6	100	3	2.4	3

7. Pharmacology – II Lab

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal+ University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20* a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C317	Pharmacology – II lab	CO1	100	3	0.6	100	3	2.4	3
		CO2	100	3	0.6	100	3	2.4	3
		CO3	100	3	0.6	100	3	2.4	3
		CO4	100	3	0.6	100	3	2.4	3
		CO5	100	3	0.6	100	3	2.4	3
Overall CO attainment			100	3	0.6	100	3	2.4	3



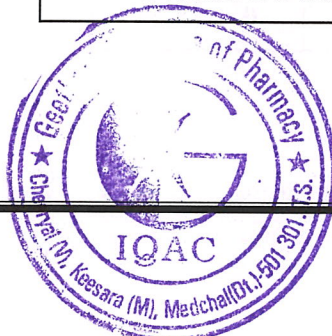

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8. Pharmacognosy and Phytochemistry – II Lab

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C318	Pharmacognosy and Phytochemistry – II lab	CO1	95.0	3	0.6	97.5	3	2.4	3
		CO2	98.7	3	0.6	97.5	3	2.4	3
		CO3	98.7	3	0.6	97.5	3	2.4	3
		CO4	97.5	3	0.6	97.5	3	2.4	3
		CO5	95.0	3	0.6	97.5	3	2.4	3
Overall CO attainment			97.0	3	0.6	97.5	3	2.4	3

9. Environmental Sciences (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C319	Environmental Sciences	CO1	0.00	0	0	100	3	2.4	2.4
		CO2	0.00	0	0	100	3	2.4	2.4
		CO3	0.00	0	0	100	3	2.4	2.4
		CO4	0.00	0	0	100	3	2.4	2.4
		CO5	0.00	0	0	100	3	2.4	2.4
Overall CO attainment			0	0	0	100	3	2.4	2.4



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Program: B. Pharmacy/Third Year/ II Semester


1. Medicinal Chemistry – III (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C321	Medicinal Chemistry - III	CO1	65.9	1	0.2	78	2	1.6	1.8
		CO2	63.6	1	0.2	78	2	1.6	1.8
		CO3	59.0	1	0.2	78	2	1.6	1.8
		CO4	97.7	3	0.6	78	2	1.6	2.2
		CO5	97.7	3	0.6	78	2	1.6	2.2
Overall CO attainment			76.7	1.8	0.36	78	2	1.6	1.96

2. Pharmacology – III (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C322	Pharmacology – III	CO1	16.2	0	0	59.4	0	0	0
		CO2	54.0	0	0	59.4	0	0	0
		CO3	89.1	3	0.6	59.4	0	0	0
		CO4	91.8	3	0.6	59.4	0	0	0
		CO5	91.8	3	0.6	59.4	0	0	0
Overall CO attainment			68.5	1.8	0.36	59.4	0	0	0



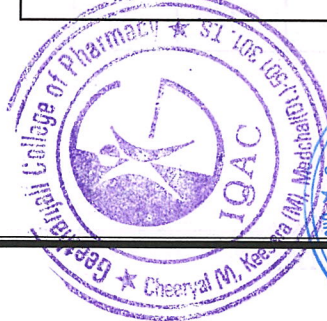

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3. Herbal Drug Technology (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C323	Herbal Drug Technology	CO1	100.	3	0.6	63.2	2	1.6	2.2
		CO2	100.	3	0.6	63.2	2	1.6	2.2
		CO3	93.6	3	0.6	63.2	2	1.6	2.2
		CO4	89.8	3	0.6	63.2	2	1.6	2.2
		CO5	89.8	3	0.6	63.2	2	1.6	2.2
Overall CO attainment			94.6	3	0.6	63.2	2	1.6	2.2

4. Biopharmaceutics and Pharmacokinetics (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C324	Biopharmaceutics and Pharmacokinetics	CO1	97.2	3	0.6	63.8	1	0.8	1.4
		CO2	29.7	0	0	63.8	1	0.8	0.8
		CO3	45.9	0	0	63.8	1	0.8	0.8
		CO4	83.7	3	0.6	63.8	1	0.8	1.4
		CO5	83.7	3	0.6	63.8	1	0.8	1.4
Overall CO attainment			68.1	1	0.2	63.8	1	0.8	1



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5. Pharmaceutical Biotechnology (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C325	Pharmaceutical Biotechnology	CO1	94.4	3	0.6	70	2	1.6	2.2
		CO2	75	2	0.4	70	2	1.6	2
		CO3	94.4	3	0.6	70	2	1.6	2.2
		CO4	100	3	0.6	70	2	1.6	2.2
		CO5	100	3	0.6	70	2	1.6	2.2
Overall CO attainment			92.7	2.8	0.56	70	2	1.6	2.16

6. Medicinal Chemistry – III Lab

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C326	Medicinal Chemistry – III lab	CO1	97.2	3	0.6	94.5	3	2.4	3
		CO2	100	3	0.6	94.5	3	2.4	3
		CO3	97.2	3	0.6	94.5	3	2.4	3
		CO4	100	3	0.6	94.5	3	2.4	3
		CO5	100	3	0.6	94.5	3	2.4	3
Overall CO attainment			98.9	3	98.9	3	0.6	94.5	3




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7. Pharmacology – III Lab

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal+ University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20* a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C327	Pharmacology – III lab	CO1	97.2	3	0.6	94.5	3	2.4	3
		CO2	100.	3	0.6	94.5	3	2.4	3
		CO3	97.2	3	0.6	94.5	3	2.4	3
		CO4	100	3	0.6	94.5	3	2.4	3
		CO5	100	3	0.6	94.5	3	2.4	3
Overall CO attainment			98.8	3	0.6	94.5	3	2.4	3

8. Herbal Drug Technology Lab

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal+ University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20* a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C328	Herbal Drug Technology lab	CO1	97.4	3	0.6	100	3	2.4	3
		CO2	96.2	3	0.6	100	3	2.4	3
		CO3	100	3	0.6	100	3	2.4	3
		CO4	100	3	0.6	100	3	2.4	3
		CO5	100	3	0.6	100	3	2.4	3
Overall CO attainment			98.1	3	0.6	100	3	2.4	3



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9. Human Values and Professional Ethics (Theory)

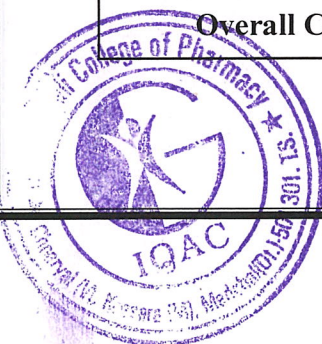
Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal+ University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C329	Human Values and Professional Ethics	CO1	100	3	0.6	100	3	2.4	3
		CO2	100	3	0.6	100	3	2.4	3
		CO3	100	3	0.6	100	3	2.4	3
		CO4	100	3	0.6	100	3	2.4	3
		CO5	100	3	0.6	100	3	2.4	3
Overall CO attainment			100	3	0.6	100	3	2.4	3

Program: B. Pharmacy/Fourth Year/ I Semester

1. Instrumental Methods of Analysis (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal+ University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C411	Instrumental Methods of Analysis	CO1	60.0	1	0.2	91.6	3	2.4	2.6
		CO2	2.77	0	0	91.6	3	2.4	2.4
		CO3	55.5	0	0	91.6	3	2.4	2.4
		CO4	63.8	1	0.2	91.6	3	2.4	2.6
		CO5	47.2	0	0	91.6	3	2.4	2.4
Overall CO attainment			46	0.4	0.08	91.6	3	2.4	2.5


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2. Industrial Pharmacy-II (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C412	Industrial Pharmacy-II	CO1	34	0	0	88	3	2.4	2.4
		CO2	86	3	0.6	88	3	2.4	3
		CO3	50	0	0	88	3	2.4	2.4
		CO4	2.2	0	0	88	3	2.4	2.4
		CO5	45	0	0	88	3	2.4	2.4
Overall CO attainment			43.4	0.6	0.12	88	3	2.4	2.52

3. Pharmacy Practice (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C413	Pharmacy Practice	CO1	34.2	0	0	95	3	2.4	2.4
		CO2	31.4	0	0	95	3	2.4	2.4
		CO3	74.2	2	0.4	95	3	2.4	2.8
		CO4	74.2	2	0.4	95	3	2.4	2.8
		CO5	65	1	2	95	3	2.4	2.6
Overall CO attainment			55.8	1	0.56	95	3	2.4	2.6



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4. Novel Drug Delivery Systems (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal+ University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20* a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C414	Novel Drug Delivery Systems	CO1	41	0	0	57	0	0	0
		CO2	41	0	0	57	0	0	0
		CO3	6	0	0	57	0	0	0
		CO4	100	3	0.6	57	0	0	0.6
		CO5	100	3	0.6	57	0	0	0.6
Overall CO attainment			57.6	1.2	0.24	57	0	0	0.24

5. Pharmacovigilance (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal+ University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20* a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C415	Pharmacovigilance	CO1	8.3	0	0	88.9	3	2.4	2.4
		CO2	27.8	0	0	88.9	3	2.4	2.4
		CO3	77.8	2	0.4	88.9	3	2.4	2.8
		CO4	13.8	0	0	88.9	3	2.4	2.4
		CO5	55.6	0	0	88.9	3	2.4	2.4
Overall CO attainment			36.6	0.4	0.08	88.9	3	2.4	2.5




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6. Instrumental Methods of Analysis Lab

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal+ University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20* a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C416	Instrumental Methods of Analysis Lab	CO1	100	3	0.6	100	3	2.4	3
		CO2	100	3	0.6	100	3	2.4	3
		CO3	100	3	0.6	100	3	2.4	3
		CO4	100	3	0.6	100	3	2.4	3
		CO5	100	3	0.6	100	3	2.4	3
Overall CO attainment			100	3	0.6	100	3	2.4	3

Program: B. Pharmacy/Fourth Year/ II Semester

1. Biostatistics and Research Methodology (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal+ University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20* a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C421	Biostatistics and Research Methodology	CO1	100	3	0.6	80.5	3	2.4	3
		CO2	100	3	0.6	80.5	3	2.4	3
		CO3	100	3	0.6	80.5	3	2.4	3
		CO4	100	3	0.6	80.5	3	2.4	3
		CO5	10	3	0.6	80.5	3	2.4	3
Overall CO attainment			82	3	0.6	80.5	3	2.4	3

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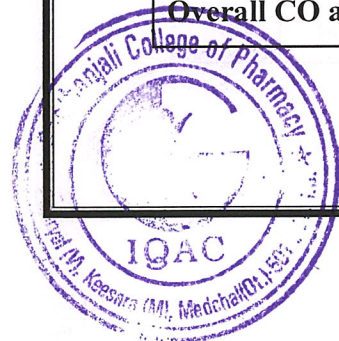
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2. Social and Preventive Pharmacy (Theory)

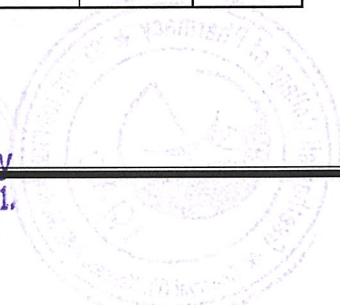
Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C422	Social and Preventive Pharmacy I	CO1	100	3	0.6	97.6	3	2.4	3
		CO2	100	3	0.6	97.6	3	2.4	3
		CO3	100	3	0.6	97.6	3	2.4	3
		CO4	100	3	0.6	97.6	3	2.4	3
		CO5	100	3	0.6	97.6	3	2.4	3
Overall CO attainment			100	3	0.6	97.6	3	2.4	3

3. Pharmaceutical Jurisprudence (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C423	Pharmaceutical Jurisprudence	CO1	100	3	0.6	97.6	3	2.4	3
		CO2	100	3	0.6	97.6	3	2.4	3
		CO3	100	3	0.6	97.6	3	2.4	3
		CO4	100	3	0.6	97.6	3	2.4	3
		CO5	100	3	0.6	97.6	3	2.4	3
Overall CO attainment			100	3	0.6	97.6	3	2.4	3




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4. Nano Technology (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.30*b)	
C424	Nano Technology	CO1	100	3	0.6	97.6	3	2.4	3
		CO2	100	3	0.6	97.6	3	2.4	3
		CO3	100	3	0.6	97.6	3	2.4	3
		CO4	100	3	0.6	97.6	3	2.4	3
		CO5	100	3	0.6	97.6	3	2.4	3
Overall CO attainment			100	3	0.6	97.6	3	2.4	3



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13. 17Z CONSOLIDATED CO-ATTAINMENT REPORT

Note: 80% weightage to University examination and 20% weightage to Internal exams the attainment calculations will be (80% of University level) + (20% of Internal level).

CO Attainment based on internal exam (CI)

CO Attainment based on University exam (CU)

% students \geq bench mark (50%)	Attainment level
60	1
70	2
80	3

% students \geq bench mark (40%)	Attainment level
60	1
70	2
80	3


BATCH (2017-2021) REGULATION R17 SEC-B

Program: B. Pharmacy/ First Year/ I Semester

1. Human Anatomy and Physiology I(Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A- Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B- University Examinations attainment level (0.80*b)	
C111	Human Anatomy and Physiology I(Theory)	CO1	67	1	0.2	83	3	2.4	2.8
		CO2	16	0	0	83	3	2.4	2.4
		CO3	69	1	0.2	83	3	2.4	2.6
		CO4	67	1	0.2	83	3	2.4	2.6
		CO5	75	2	0.4	83	3	2.4	2.8
Overall CO attainment			58.8	1	0.2	83	3	2.4	2.64




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2. Pharmaceutical Analysis I (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal+ University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C112	Pharmaceutical Analysis I	CO1	57	1	0.2	97	3	0.6	0.8
		CO2	65	1	0.2	97	3	0.6	0.8
		CO3	60	1	0.2	97	3	0.6	0.8
		CO4	80	3	0.6	97	3	0.6	1.2
		CO5	75	2	0.4	97	3	0.6	1
Overall CO attainment			67.4	1.6	0.32	97	3	0.6	0.92

3. Pharmaceutics I (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal+ University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C113	Pharmaceutics I	CO1	74.41	2	0.4	93.02	3	2.4	2.8
		CO2	53.48	0	0	93.02	3	2.4	2.4
		CO3	100	3	0.6	93.02	3	2.4	3
		CO4	100	3	0.6	93.02	3	2.4	3
		CO5	81.39	3	0.6	93.02	3	2.4	3
Overall CO attainment			81.85	2.2	0.44	93.02	3	2.4	2.84



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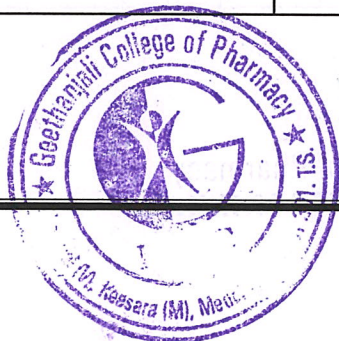


4. Pharmaceutical Inorganic Chemistry (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal+ University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C114	Pharmaceutical Inorganic Chemistry	CO1	79	2	0.4	86.04	3	2.4	2.8
		CO2	18.6	0	0	86.04	3	2.4	2.4
		CO4	97.67	3	0.6	86.04	3	2.4	5.4
		CO5	41.86	0	0	86.04	3	2.4	2.4
		CO6	13.95	0	0	86.04	3	2.4	2.4
Overall CO attainment			50.216	1	0.2	86.04	3	2.4	3.08

5. Communication skills (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C115	Communication skills	CO1	95.3	3	0.6	95.3	3	2.4	3
		CO2	56	0	0	95.3	3	2.4	2.4
		CO3	16.2	0	0	95.3	3	2.4	2.4
		CO4	100	3	0.6	95.3	3	2.4	3
		CO5	83.7	3	0.6	95.3	3	2.4	3
Overall CO attainment			70.24	1.8	0.36	95.3	3	2.4	2.76



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6. Remedial Biology (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal+ University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A- Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B- University Examinations attainment level (0.80*b)	
C116	Remedial Biology	CO1	50.0	0	0	83.3	3	2.4	2.4
		CO2	33.3	0	0	83.3	3	2.4	2.4
		CO3	66.6	1	0.2	83.3	3	2.4	2.6
		CO4	66.6	1	0.2	83.3	3	2.4	2.6
		CO5	33.3	0	0	83.3	3	2.4	2.4
Overall CO attainment			49.9	0.4	0.08	83.3	3	2.4	2.48

7. Remedial Mathematics (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal+ University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A- Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B- University Examinations attainment level (0.80*b)	
C116	Remedial Biology	CO1	46.5	0	0	44.1	0	0	0
		CO2	51.1	0	0	44.1	0	0	0
		CO3	95.3	3	0.6	44.1	0	0	0.6
		CO4	18.6	0	0	44.1	0	0	0
		CO5	23.2	0	0	44.1	0	0	0
Overall CO attainment			49.9	0.6	0.12	44.1	0	0	0.12




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8. Human Anatomy and Physiology-I (lab)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C118	Human Anatomy and Physiology-I lab	CO1	100	3	0.6	100	3	2.4	3
		CO2	100	3	0.6	100	3	2.4	3
		CO3	100	3	0.6	100	3	2.4	3
		CO4	100	3	0.6	100	3	2.4	3
		CO5	100	3	0.6	100	3	2.4	3
Overall CO attainment			100	3	0.6	100	3	2.4	3

9. Pharmaceutical Analysis-I (lab)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C119	Pharmaceutical Analysis-I lab	CO1	78	2	0.4	100	3	2.4	2.8
		CO2	85	3	0.6	100	3	2.4	3
		CO3	81	3	0.6	100	3	2.4	3
		CO4	86	3	0.6	100	3	2.4	3
		CO5	95	3	0.6	100	3	2.4	3
Overall CO attainment			85	2.8	0.56	100	3	2.4	2.96



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10. Pharmaceutics I (lab)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal+ University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20* a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C1110	Pharmaceutics I lab	CO1	0	0	0	100	3	2.4	2.4
		CO2	55.8	0	0	100	3	2.4	2.4
		CO3	11.6	0	0	100	3	2.4	2.4
		CO4	55.8	0	0	100	3	2.4	2.4
		CO5	18.6	0	0	100	3	2.4	2.4
Overall CO attainment			28.3	0	0	100	3	2.4	2.88

11. Pharmaceutical Inorganic Chemistry-I (lab)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal+ University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20* a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C1111	Pharmaceutical Inorganic Chemistry-I lab	CO1	100	3	0.6	100	3	2.4	3
		CO2	100	3	0.6	100	3	2.4	3
		CO3	95.3	3	0.6	100	3	2.4	3
		CO4	100	3	0.6	100	3	2.4	3
		CO5	0	0	0	100	3	2.4	2.4
Overall CO attainment			79.0	2.4	0.48	100	3	2.4	2.88



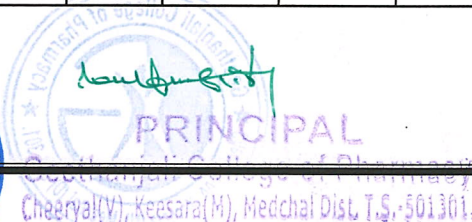
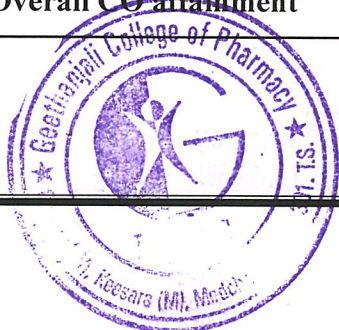
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12. Communication skills (lab)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C1112	Communication skills lab	CO1	100	3	0.6	100	3	2.4	3
		CO2	93.0	3	0.6	100	3	2.4	3
		CO3	95.3	3	0.6	100	3	2.4	3
		CO4	97.6	3	0.6	100	3	2.4	3
		CO5	97.6	3	0.6	100	3	2.4	3
Overall CO attainment			96.7	3	0.6	100	3	2.4	3

13. Remedial Biology (lab)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C1113	Remedial Biology lab	CO1	50.0	0	0	100	3	2.4	2.4
		CO2	80.0	3	0.6	100	3	2.4	3
		CO3	100	3	0.6	100	3	2.4	3
		CO4	100	3	0.6	100	3	2.4	3
		CO5	10	3	0.6	100	3	2.4	3
Overall CO attainment			68	2.4	0.48	100	3	2.4	2.88



Program: B. Pharmacy/ First Year/ II Semester

1. Human Anatomy and Physiology II (Theory)

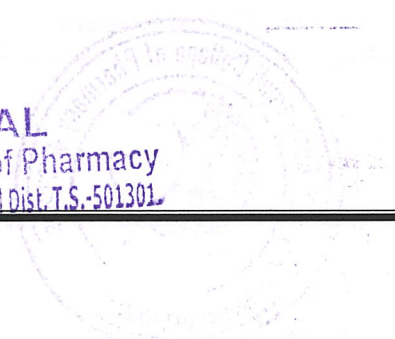
Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C121	Human Anatomy and Physiology II	CO1	100	3	0.6	86.0	3	2.4	3
		CO2	95	3	0.6	86.0	3	2.4	3
		CO3	98	3	0.6	86.0	3	2.4	3
		CO4	65	1	0.2	86.0	3	2.4	2.6
		CO5	79	2	0.4	86.0	3	2.4	2.8
Overall CO attainment			87.4	2.4	0.6	86.0	3	2.4	2.88

2. Pharmaceutical Organic Chemistry I (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C122	Pharmaceutical Organic Chemistry I	CO1	88.3	3	0.6	90.6	3	2.4	3
		CO2	2.32	0	0	90.6	3	2.4	2.4
		CO3	100.	3	0.6	90.6	3	2.4	3
		CO4	100.	3	0.6	90.6	3	2.4	3
		CO5	100.	3	0.6	90.6	3	2.4	3
Overall CO attainment			78.1	2.4	0.48	90.6	3	2.4	2.88



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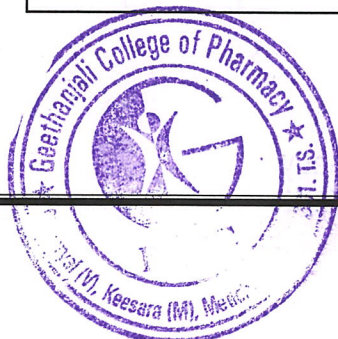


3. Biochemistry (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C123	Biochemistry	CO1	51.1	0	0	86	3	2.4	2.4
		CO2	55.8	0	0	86	3	2.4	2.4
		CO3	20.9	0	0	86	3	2.4	2.4
		CO4	79.0	2	0.4	86	3	2.4	2.8
		CO5	79.0	2	0.4	86	3	2.4	2.8
Overall CO attainment			57.1	0.8	0.16	86	3	2.4	2.56

4. Patho Physiology (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C124	Patho Physiology	CO1	48.8	0	0	93.0	3	2.4	2.4
		CO2	46.5	0	0	93.0	3	2.4	2.4
		CO3	79.0	2	0.4	93.0	3	2.4	2.8
		CO4	72.0	2	0.4	93.0	3	2.4	2.8
		CO5	76.7	2	0.4	93.0	3	2.4	2.8
Overall CO attainment			64.6	1.2	0.24	93.0	3	2.4	2.64



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5. Computer Applications in Pharmacy (Theory)

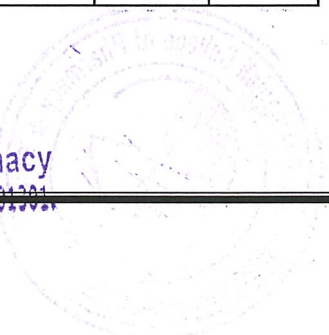
Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C125	Computer Applications in Pharmacy	CO1	97.6	3	0.6	85.7	3	2.4	3
		CO2	65.1	1	0.2	85.7	3	2.4	2.6
		CO3	100	3	0.6	85.7	3	2.4	3
		CO4	88.3	3	0.6	85.7	3	2.4	3
		CO5	0	0	0	85.7	3	2.4	2.4
Overall CO attainment			70.2	2	0.4	85.7	3	2.4	2.8

6. Human Anatomy and Physiology II (lab)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C126	Human Anatomy and Physiology II lab	CO1	100	3	0.6	100	3	2.4	3
		CO2	100	3	0.6	100	3	2.4	3
		CO3	100	3	0.6	100	3	2.4	3
		CO4	100	3	0.6	100	3	2.4	3
		CO5	100	3	0.6	100	3	2.4	3
Overall CO attainment			100	3	0.6	100	3	2.4	3




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7. Pharmaceutical Organic Chemistry- I (lab)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C127	Pharmaceutical Organic Chemistry I lab	CO1	0	0	0	100	3	2.4	2.4
		CO2	100	3	3	100	3	2.4	3
		CO3	100	3	3	100	3	2.4	3
		CO4	100	3	3	100	3	2.4	3
		CO5	100	3	3	100	3	2.4	3
Overall CO attainment			80	2.4	2.4	100	3	2.4	2.88

8. Biochemistry (lab)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C128	Biochemistry lab	CO1	100	3	0.6	100	3	2.4	3
		CO2	62.7	1	0.2	100	3	2.4	2.6
		CO3	97.6	3	0.6	100	3	2.4	3
		CO4	100	3	0.6	100	3	2.4	3
		CO5	100	3	0.6	100	3	2.4	3
Overall CO attainment			92.0	2.6	0.52	100	3	2.4	2.9




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9. Computer Applications in Pharmacy (lab)

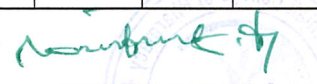
Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C129	Computer Applications in Pharmacy lab	CO1	100	3	0.6	100	3	2.4	3
		CO2	100	3	0.6	100	3	2.4	3
		CO3	100	3	0.6	100	3	2.4	3
		CO4	100	3	0.6	100	3	2.4	3
		CO5	100	3	0.6	100	3	2.4	3
Overall CO attainment			100	3	0.6	100	3	2.4	3

Program: B. Pharmacy/ II Year/ I Semester

1. Pharmaceutical Organic Chemistry-II (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C211	Pharmaceutical Organic Chemistry-II	CO1	74.4	2	0.4	97.6	3	2.4	2.8
		CO2	51.1	0	0	97.6	3	2.4	2.4
		CO3	44.1	0	0	97.6	3	2.4	2.4
		CO4	51.1	0	0	97.6	3	2.4	2.4
		CO5	69.7	1	0.2	97.6	3	2.4	2.6
Overall CO attainment			58.0	0.6	0.12	97.6	3	2.4	2.52




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2. Physical Pharmaceutics-I (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20* a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C212	Physical Pharmaceutics-I	CO1	20.9	0	0	86.0	3	2.4	2.4
		CO2	25.5	0	0	86.0	3	2.4	2.4
		CO3	9.3	0	0	86.0	3	2.4	2.4
		CO4	44.1	0	0	86.0	3	2.4	2.4
		CO5	81.3	3	0.6	86.0	3	2.4	2.6
Overall CO attainment			27.1	0.6	0.12	86.0	3	2.4	12.2

3. Pharmaceutical Microbiology (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20* a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C213	Pharmaceutical Microbiology	CO1	90.4	3	0.6	97.6	3	2.4	3
		CO2	9.5	0	0	97.6	3	2.4	2.4
		CO3	100	3	0.6	97.6	3	2.4	3
		CO4	38.0	0	0	97.6	3	2.4	2.4
		CO5	83.3	3	0.6	97.6	3	2.4	3
Overall CO attainment			64.2	1.8	0.36	97.6	3	2.4	2.76



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4. Pharmaceutical Engineering (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C214	Pharmaceutical Engineering	CO1	54.5	0	0	72.7	2	1.6	1.6
		CO2	36.3	0	0	72.7	2	1.6	1.6
		CO3	0	0	0	72.7	2	1.6	1.6
		CO4	100	3	0.6	72.7	2	1.6	2.2
		CO5	95.4	3	0.6	72.7	2	1.6	2.2
Overall CO attainment			57.2	1.2	0.24	72.7	2	1.6	1.84

5. Pharmaceutical Organic Chemistry-II (Lab)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C215	Pharmaceutical Organic Chemistry-II Lab	CO1	88.3	3	0.6	100	3	2.4	3
		CO2	41.8	0	0.6	100	3	2.4	2.4
		CO3	100	3	0.6	100	3	2.4	2.4
		CO4	100	3	0.6	100	3	2.4	2.4
		CO5	0.00	0	0	100	3	2.4	2.4
Overall CO attainment			66.0	1.8	0.48	100	3	2.4	2.52



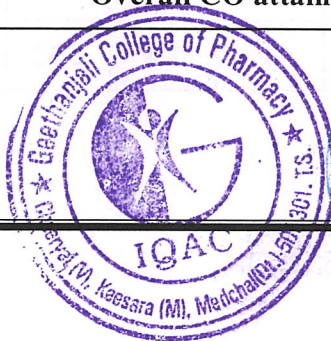

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6. Physical Pharmaceutics-I (Lab)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal+ University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20* a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C216	Physical Pharmaceutics-I Lab	CO1	93.0	3	0.6	100	3	2.4	3
		CO2	100	3	0.6	100	3	2.4	3
		CO3	100	3	0.6	100	3	2.4	3
		CO4	100	3	0.6	100	3	2.4	3
		CO5	100	3	0.6	100	3	2.4	3
Overall CO attainment			100	3	0.6	100	3	2.4	3

7. Pharmaceutical Microbiology (Lab)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal+ University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20* a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C217	Pharmaceutical Microbiology Lab	CO1	100	3	0.6	100	3	2.4	3
		CO2	100	3	0.6	100	3	2.4	3
		CO3	100	3	0.6	100	3	2.4	3
		CO4	100	3	0.6	100	3	2.4	3
		CO5	100	3	0.6	100	3	2.4	3
Overall CO attainment			100	3	0.6	100	3	2.4	3




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8. Pharmaceutical Engineering (Lab)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C218	Pharmaceutical Engineering Lab	CO1	97.7	3	0.6	100	3	2.4	3
		CO2	97.7	3	0.6	100	3	2.4	3
		CO3	100	3	0.6	100	3	2.4	3
		CO4	100	3	0.6	100	3	2.4	3
		CO5	100	3	0.6	100	3	2.4	3
Overall CO attainment			99.0	3	0.6	100	3	2.4	3

Program: B. Pharmacy/ Second Year/ II Semester

1. Pharmaceutical Organic Chemistry-III (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C221	Pharmaceutical Organic Chemistry-III	CO1	41.8	0	0	93.0	3	2.4	2.4
		CO2	41.8	0	0	93.0	3	2.4	2.4
		CO3	81.3	3	0.6	93.0	3	2.4	3
		CO4	30.0	0	0	93.0	3	2.4	2.4
		CO5	39.5	0	0	93.0	3	2.4	2.4
Overall CO attainment			46.8	0.6	0.12	93	3	2.4	2.52



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2. Medicinal Chemistry-I (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C222	Medicinal Chemistry-I	CO1	39	0	0	36	0	0	0
		CO2	30	0	0	36	0	0	0
		CO3	45	0	0	36	0	0	0
		CO4	40	0	0	36	0	0	0
		CO5	64	1	0.2	36	0	0	1
Overall CO attainment			43.6	0.2	0.04	36	0	0	0.2

3. Physical Pharmaceutics-II (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C223	Physical Pharmaceutics-II	CO1	58.4	0	0	79	2	1.6	1.6
		CO2	50.2	0	0	79	2	1.6	1.6
		CO3	66.8	0	0	79	2	1.6	1.6
		CO4	49.2	0	0	79	2	1.6	1.6
		CO5	45.9	0	0	79	2	1.6	1.6
Overall CO attainment			54	0	0	79	2	1.6	1.6



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4. Pharmacology-I (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C224	Pharmacology-I	CO1	60.9	1	0.2	90.9	3	1.6	1.8
		CO2	40.9	0	0	90.9	3	1.6	1.6
		CO3	54.5	0	0	90.9	3	1.6	1.6
		CO4	27.2	0	0	90.9	3	1.6	1.6
		CO5	25.0	0	0	90.9	3	1.6	1.6
Overall CO attainment			41.7	0.2	0.04	90.9	3	1.6	1.64

5. Pharmacognosy and Phytochemistry-I (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C225	Pharmacognosy and Phytochemistry -I	CO1	95.4	3	0.6	97.7	3	2.4	3
		CO2	95.4	3	0.6	97.7	3	2.4	3
		CO3	96.5	3	0.6	97.7	3	2.4	3
		CO4	97.7	3	0.6	97.7	3	2.4	3
		CO5	100	3	0.6	97.7	3	2.4	3
Overall CO attainment			97	3	0.06	97.7	3	2.4	3


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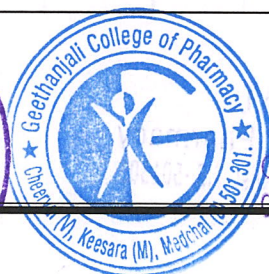



6. Medicinal Chemistry-I (Lab)

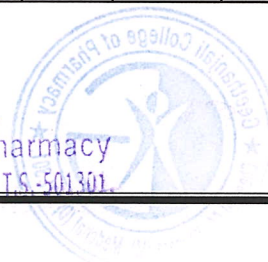
Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20* a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C226	Medicinal Chemistry-I Lab	CO1	90	3	0.6	100	3	2.4	3
		CO2	94	3	0.6	100	3	2.4	3
		CO3	100	3	0.6	100	3	2.4	3
		CO4	79	2	0.4	100	3	2.4	2.8
		CO5	96.4	3	0.6	100	3	2.4	3
Overall CO attainment			91.1	2.8	0.56	100	3	2.4	2.96

7. Physical Pharmaceutics-II (Lab)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20* a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C227	Physical Pharmaceutics-II Lab	CO1	65.9	1	0.2	98.1	3	2.4	2.6
		CO2	100	3	0.6	98.1	3	2.4	3
		CO3	99.2	3	0.6	98.1	3	2.4	3
		CO4	84.2	3	0.6	98.1	3	2.4	3
		CO5	100	3	0.6	98.1	3	2.4	3
Overall CO attainment			89.8	2.6	0.5	98.1	3	2.4	2.9




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8. Pharmacology-I (Lab)

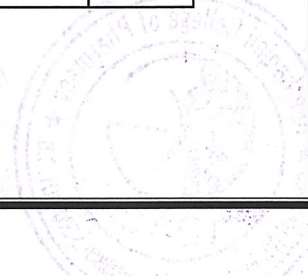
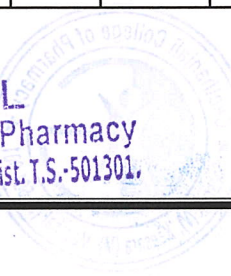
Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C228	Pharmacology-I Lab	CO1	100	3	0.6	100	3	2.4	3
		CO2	100	3	0.6	100	3	2.4	3
		CO3	100	3	0.6	100	3	2.4	3
		CO4	100	3	0.6	100	3	2.4	3
		CO5	100	3	0.6	100	3	2.4	3
Overall CO attainment			100	3	0.6	100	3	2.4	3

9. Pharmacognosy and Phytochemistry-I (Lab)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C229	Pharmacognosy and Phytochemistry -I Lab	CO1	86.6	3	0.6	100	3	2.4	3
		CO2	100	3	0.6	100	3	2.4	3
		CO3	100	3	0.6	100	3	2.4	3
		CO4	77.2	3	0.6	100	3	2.4	3
		CO5	100	3	0.6	100	3	2.4	3
Overall CO attainment			94.3	3	0.6	100	3	2.4	3



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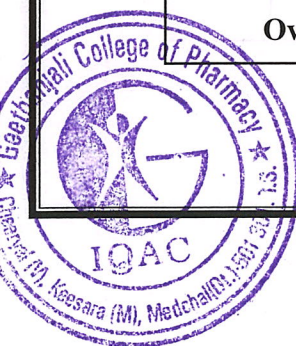
10. Gender Sensitization (Lab)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal+ University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20* a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C2210	Gender Sensitization Lab	CO1	0	0.00	0	100	3	2.4	2.4
		CO2	0	0.00	0	100	3	2.4	2.4
		CO3	0	0.00	0	100	3	2.4	2.4
		CO4	0	0.00	0	100	3	2.4	2.4
		CO5	0	0.00	0	100	3	2.4	2.4
Overall CO attainment			0	0	0	100	3	2.4	2.4

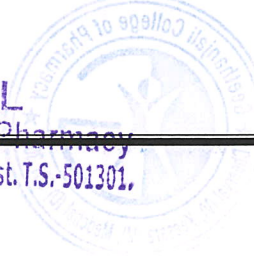
Program: B. Pharmacy/Third Year/ I Semester

1. Medicinal Chemistry – II (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal+ University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20* a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C311	Medicinal Chemistry - II	CO1	36.3	0	0	86.3	3	2.4	2.4
		CO2	59.0	0	0	86.3	3	2.4	2.4
		CO3	88.6	3	0.6	86.3	3	2.4	3
		CO4	13.6	0	0	86.3	3	2.4	2.4
		CO5	61.3	1	0.2	86.3	3	2.4	2.6
Overall CO attainment			51.7	0.8	0.16	86.3	3	2.4	2.56



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2. Industrial Pharmacy – I (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20* a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C312	Industrial Pharmacy - I	CO1	34	0	0	88	3	2.4	2.4
		CO2	86	3	0.6	88	3	2.4	3
		CO3	50	0	0	88	3	2.4	2.4
		CO4	2.2	0	0	88	3	2.4	2.4
		CO5	45	0	0	88	3	2.4	2.4
Overall CO attainment			43.4	0.6	0.12	88	3	2.4	2.52

3. Pharmacology – II (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20* a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C313	Pharmacology - II	CO1	31.8	0	0	93.1	3	2.4	2.4
		CO2	81.8	3	0.6	93.1	3	2.4	3
		CO3	70.4	2	0.4	93.1	3	2.4	2.8
		CO4	61.3	1	0.2	93.1	3	2.4	2.6
		CO5	9.09	0	0	93.1	3	2.4	2.4
Overall CO attainment			50.8	1.2	0.24	93.1	3	2.4	2.64



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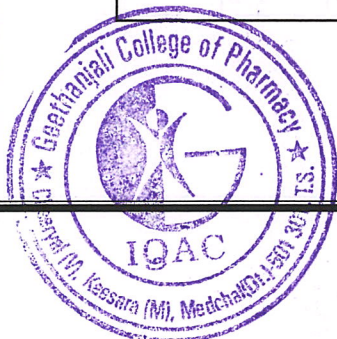



4. Pharmacognosy and Phytochemistry – II (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal+ University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20* a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C314	Pharmacognosy and Phytochemistry - II	CO1	14.8	0	0	79.0	2	1.6	1.6
		CO2	23.4	0	0	79.0	2	1.6	1.6
		CO3	13.5	0	0	79.0	2	1.6	1.6
		CO4	25.9	0	0	79.0	2	1.6	1.6
		CO5	23.4	0	0	79.0	2	1.6	1.6
Overall CO attainment			20.2	0	0	79.0	2	1.6	1.6

5. Generic Product Development (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal+ University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20* a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C315	Generic Product Development	CO1	75	2	0.4	75	2	1.6	2
		CO2	53	0	0	75	2	1.6	1.6
		CO3	4.5	0	0	75	2	1.6	1.6
		CO4	91	3	0.6	75	2	1.6	2.2
		CO5	98	3	0.6	75	2	1.6	2.2
Overall CO attainment			64.3	1.6	0.32	75	2	1.6	1.92



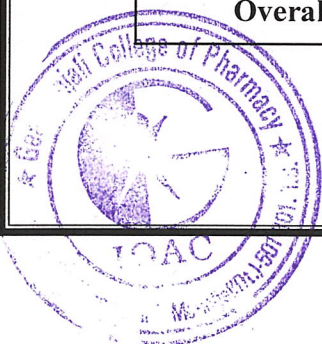

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6. Industrial Pharmacy - I (lab)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C316	Industrial Pharmacy - I lab	CO1	72	2	0.4	100	3	2.4	3
		CO2	100	3	0.6	100	3	2.4	3
		CO3	100	3	0.6	100	3	2.4	3
		CO4	100	3	0.6	100	3	2.4	3
		CO5	100	3	0.6	100	3	2.4	3
Overall CO attainment			94.4	2.8	0.56	100	3	2.4	3

7. Pharmacology – II (lab)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C317	Pharmacology – II lab	CO1	100	3	0.6	100	3	2.4	3
		CO2	100	3	0.6	100	3	2.4	3
		CO3	100	3	0.6	100	3	2.4	3
		CO4	100	3	0.6	100	3	2.4	3
		CO5	100	3	0.6	100	3	2.4	3
Overall CO attainment			100	3	0.6	100	3	2.4	3

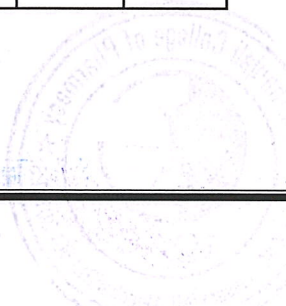


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8. Pharmacognosy and Phytochemistry – II (lab)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C318	Pharmacognosy and Phytochemistry – II lab	CO1	95.0	3	0.6	97.5	3	2.4	3
		CO2	98.7	3	0.6	97.5	3	2.4	3
		CO3	98.7	3	0.6	97.5	3	2.4	3
		CO4	97.5	3	0.6	97.5	3	2.4	3
		CO5	95.0	3	0.6	97.5	3	2.4	3
Overall CO attainment			97.0	3	0.6	97.5	3	2.4	3

9. Environmental Sciences (Theory)

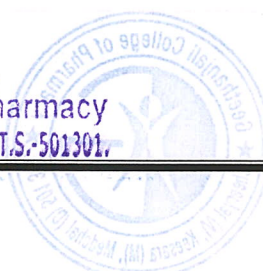
Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C319	Environmental Sciences	CO1	0.00	0	0	100	3	2.4	2.4
		CO2	0.00	0	0	100	3	2.4	2.4
		CO3	0.00	0	0	100	3	2.4	2.4
		CO4	0.00	0	0	100	3	2.4	2.4
		CO5	0.00	0	0	100	3	2.4	2.4
Overall CO attainment			0.00	0	0	100	3	2.4	2.4



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Program: B. Pharmacy/Third Year/ II Semester

1. Medicinal Chemistry – III (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20* a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C321	Medicinal Chemistry - III	CO1	65.9	1	0.2	78	2	1.6	1.8
		CO2	63.6	1	0.2	78	2	1.6	1.8
		CO3	59.0	1	0.2	78	2	1.6	1.8
		CO4	97.7	3	0.6	78	2	1.6	2.2
		CO5	97.7	3	0.6	78	2	1.6	2.2
Overall CO attainment			76.7	1.8	0.36	78	2	1.6	1.96

2. Pharmacology – III (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20* a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C322	Pharmacology – III	CO1	72.0	2	0.4	76.7	2	1.6	2
		CO2	90.6	3	0.6	76.7	2	1.6	2.2
		CO3	97.6	3	0.6	76.7	2	1.6	2.2
		CO4	100	3	0.6	76.7	2	1.6	2.2
		CO5	100	3	0.6	76.7	2	1.6	2.2
Overall CO attainment			92.0	2.8	0.56	76.7	2	1.6	2.16



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3. Herbal Drug Technology (Theory)

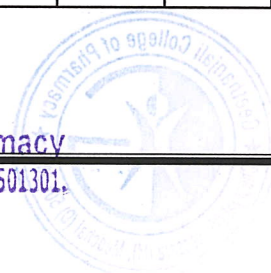
Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal+ University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C323	Herbal Drug Technology	CO1	100	3	0.6	63.2	2	1.6	2.2
		CO2	100	3	0.6	63.2	2	1.6	2.2
		CO3	93.6	3	0.6	63.2	2	1.6	2.2
		CO4	89.8	3	0.6	63.2	2	1.6	2.2
		CO5	89.8	3	0.6	63.2	2	1.6	2.2
Overall CO attainment			94.6	3	0.6	63.2	2	1.6	2.2

4. Biopharmaceutics and Pharmacokinetics (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal+ University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C324	Biopharmaceutics and Pharmacokinetics	CO1	93.1	3	0.6	97.6	3	2.4	3
		CO2	2.27	0	0	97.6	3	2.4	2.4
		CO3	81.8	3	0.6	97.6	3	2.4	3
		CO4	97.7	3	0.6	97.6	3	2.4	3
		CO5	97.7	3	0.6	97.6	3	2.4	3
Overall CO attainment			74.5	2	0.4	97.6	3	2.4	2.8




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5. Pharmaceutical Biotechnology (Theory)

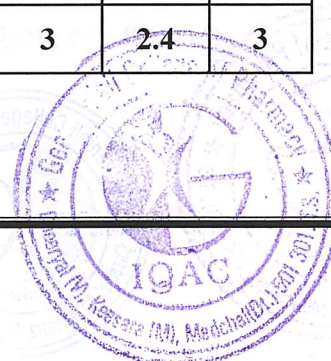
Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal+ University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20* a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C325	Pharmaceutical Biotechnology	CO1	95.4	3	0.6	80	3	2.4	3
		CO2	91	3	0.6	80	3	2.4	3
		CO3	95.4	3	0.6	80	3	2.4	3
		CO4	95.4	3	0.6	80	3	2.4	3
		CO5	95.4	3	0.6	80	3	2.4	3
Overall CO attainment			94.5	3	0.6	80	3	2.4	3

6. Medicinal Chemistry – III (lab)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal+ University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20* a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C326	Medicinal Chemistry – III lab	CO1	97.2	3	0.6	94.5	3	2.4	3
		CO2	100	3	0.6	94.5	3	2.4	3
		CO3	97.2	3	0.6	94.5	3	2.4	3
		CO4	100	3	0.6	94.5	3	2.4	3
		CO5	100	3	0.6	94.5	3	2.4	3
Overall CO attainment			98.9	3	0.6	94.5	3	2.4	3




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7. Pharmacology – III (lab)

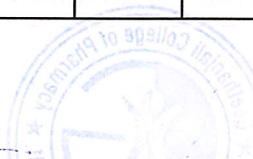
Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal+ University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20* a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C327	Pharmacology – III lab	CO1	95.3	3	0.6	100	3	2.4	3
		CO2	95.3	3	0.6	100	3	2.4	3
		CO3	100	3	0.6	100	3	2.4	3
		CO4	100	3	0.6	100	3	2.4	3
		CO5	100	3	0.6	100	3	2.4	3
Overall CO attainment			98.1	3	0.6	100	3	2.4	3

8. Herbal Drug Technology (lab)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal+ University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20* a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C328	Herbal Drug Technology lab	CO1	97.4	3	0.6	100	3	2.4	3
		CO2	96.2	3	0.6	100	3	2.4	3
		CO3	100	3	0.6	100	3	2.4	3
		CO4	100	3	0.6	100	3	2.4	3
		CO5	100	3	0.6	100	3	2.4	3
Overall CO attainment			98.1	3	0.6	100	3	2.4	3




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9. Human Values and Professional Ethics (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal+ University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20* a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C329	Human Values and Professional Ethics	CO1	100	3	0.6	100	3	2.4	3
		CO2	100	3	0.6	100	3	2.4	3
		CO3	100	3	0.6	100	3	2.4	3
		CO4	100	3	0.6	100	3	2.4	3
		CO5	100	3	0.6	100	3	2.4	3
Overall CO attainment			100	3	0.6	100	3	2.4	3

Program: B. Pharmacy/Fourth Year/ I Semester

1. Instrumental Methods of Analysis (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal+ University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20* a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C411	Instrumental Methods of Analysis	CO1	78	2	0.4	79	2	1.6	2
		CO2	2.00	0	0	79	2	1.6	1.6
		CO3	59.0	1	0.2	79	2	1.6	1.8
		CO4	27	0	0	79	2	1.6	1.6
		CO5	70.4	2	0.4	79	2	1.6	2
Overall CO attainment			47.2	1	0.2	79	2	1.6	1.8



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2. Industrial Pharmacy-II (Theory)

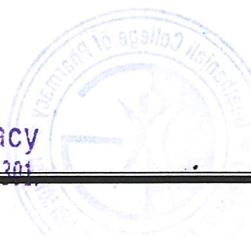
Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20* a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C412	Industrial Pharmacy-II	CO1	34	0	0	88	3	2.4	2.4
		CO2	86	3	0.6	88	3	2.4	3
		CO3	50	0	0	88	3	2.4	2.4
		CO4	2.2	0	0	88	3	2.4	2.4
		CO5	45	0	0	88	3	2.4	2.4
Overall CO attainment			43.4	0.6	0.12	88	3	2.4	2.52

3. Pharmacy Practice (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20* a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C413	Pharmacy Practice	CO1	72.7	2	0.4	85	3	2.4	2.8
		CO2	31.8	0	0	85	3	2.4	2.4
		CO3	75	2	0.4	85	3	2.4	2.8
		CO4	70.4	2	0.4	85	3	2.4	2.8
		CO5	56.8	0	0	85	3	2.4	2.4
Overall CO attainment			61.3	1.2	0.24	85	3	2.4	2.64




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4. Novel Drug Delivery Systems (Theory)

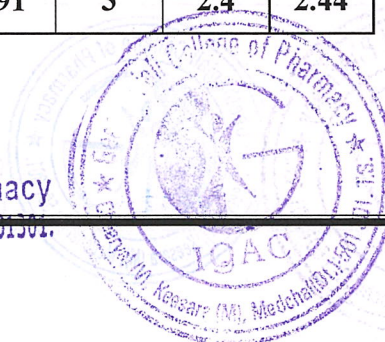
Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C414	Novel Drug Delivery Systems	CO1	34	0	0	77	2	1.6	1.6
		CO2	34	0	0	77	2	1.6	1.6
		CO3	98	3	0.6	77	2	1.6	2.4
		CO4	100	3	0.6	77	2	1.6	2.4
		CO5	100	3	0.6	77	2	1.6	2.4
Overall CO attainment			73.2	1.8	0.36	77	2	1.6	2.08

5. Pharmacovigilance (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C415	Pharmacovigilance	CO1	18	0	0	91	3	2.4	2.4
		CO2	43	0	0	91	3	2.4	2.4
		CO3	55	0	0	91	3	2.4	2.4
		CO4	5	0	0	91	3	2.4	2.4
		CO5	61	1	0.2	91	3	2.4	2.6
Overall CO attainment			36.4	0.2	0.04	91	3	2.4	2.44




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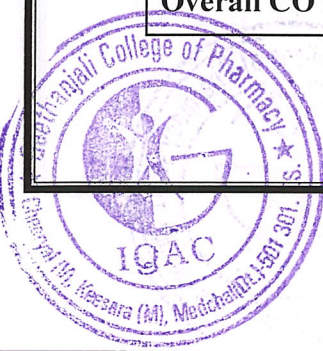
6. Instrumental Methods of Analysis (Lab)


Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal+ University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C416	Instrumental Methods of Analysis Lab	CO1	79	2	0.4	89	3	2.4	2.8
		CO2	78.0	2	0.4	89	3	2.4	2.8
		CO3	83.0	3	0.6	89	3	2.4	3
		CO4	77	2	0.4	89	3	2.4	2.8
		CO5	93.0	3	0.6	89	3	2.4	3
Overall CO attainment			82	2.4	0.48	89	3	2.4	2.88

Program: B. Pharmacy/Fourth Year/ II Semester

1. Biostatistics and Research Methodology (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal+ University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C421	Biostatistics and Research Methodology	CO1	100	3	0.6	90.9	3	2.4	3
		CO2	100	3	0.6	90.9	3	2.4	3
		CO3	100	3	0.6	90.9	3	2.4	3
		CO4	100	3	0.6	90.9	3	2.4	3
		CO5	100	3	0.6	90.9	3	2.4	3
Overall CO attainment			100	3	0.6	90.9	3	2.4	3




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2. Social and Preventive Pharmacy (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C422	Social and Preventive Pharmacy I	CO1	100	3	0.6	100	3	2.4	3
		CO2	100	3	0.6	100	3	2.4	3
		CO3	100	3	0.6	100	3	2.4	3
		CO4	100	3	0.6	100	3	2.4	3
		CO5	100	3	0.6	100	3	2.4	3
Overall CO attainment			100	3	0.6	100	3	2.4	3

3. Pharmaceutical Jurisprudence (Theory)

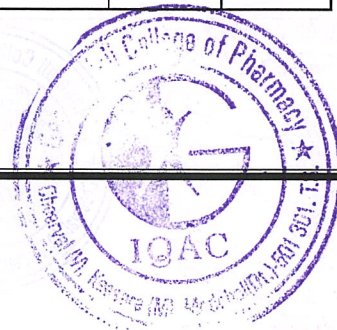
Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A - Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B - University Examinations attainment level (0.80*b)	
C423	Pharmaceutical Jurisprudence	CO1	100	3	0.6	97.6	3	2.4	3
		CO2	100	3	0.6	97.6	3	2.4	3
		CO3	100	3	0.6	97.6	3	2.4	3
		CO4	100	3	0.6	97.6	3	2.4	3
		CO5	100	3	0.6	97.6	3	2.4	3
Overall CO attainment			100	3	0.6	97.6	3	2.4	3



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4. Nano Technology (Theory)

Course code	Course name	Course outcomes	CO attainment from Internal exam assessment			CO attainment from University examination			CO Attainment (Internal + University exam) A + B
			CO Attainment (%)	CO Attainment level (a)	A- Internal Exam attainment level (0.20*a)	CO Attainment (%)	CO Attainment level (b)	B- University Examinations attainment level (0.80*b)	
C424	Nano Technology	CO1	100	3	0.6	97.6	3	2.4	3
		CO2	100	3	0.6	97.6	3	2.4	3
		CO3	100	3	0.6	97.6	3	2.4	3
		CO4	100	3	0.6	97.6	3	2.4	3
		CO5	100	3	0.6	97.6	3	2.4	3
Overall CO attainment			100	3	0.6	97.6	3	2.4	3

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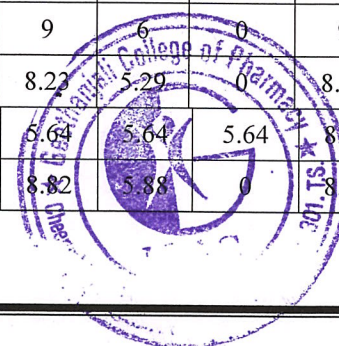
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Table 3: DIRECT ATTAINMENT OF PROGRAMME OUTCOMES OF ALL COURSES

B.PHARMACY

REGULATION R17 / BATCH (2017-2021)

PROGRAMME: B.PHARM														
S.No.	Course Name	Course Code	Overall CO attainment I(A)	(A*B) of courses										
				PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
1	Human Anatomy and Physiology I	C111	1.92	5.76	1.92	5.76	3.84	1.92	5.76	5.76	3.84	3.84	3.84	5.76
2	Pharmaceutical Analysis I	C112	1.26	3.78	1.26	3.78	2.52	1.26	3.78	1.26	1.26	2.52	2.52	3.78
3	Pharmaceutics I	C113	2.61	7.83	5.22	5.74	5.74	5.22	7.83	7.83	5.22	7.30	5.74	7.83
4	Pharmaceutical Inorganic Chemistry-I	C114	2.78	8.34	0.0	7.30	5.22	0.0	7.83	7.83	0.0	7.83	7.83	8.34
5	Communication skills	C115	2.74	4	4	6	4	6	6	4	6	4	4	6
6	Remedial Biology	C116	2.48	7.44	0	7.44	4.96	0	7.44	7.44	0	7.44	4.96	7.44
7	Remedial Mathematics	C117	0.18	0	0	0.54	0.36	0	0	0	0	0.54	0	0.54
8	Human Anatomy and Physiology-I lab	C118	3	9	0	9	6	0	9	9	6	6	6	9
9	Pharmaceutical Analysis-I lab	C119	2.94	8.82	0	8.22	5.22	0	8.82	8.82	8.82	8.232	5.88	8.82
10	Pharmaceutics I lab	C1110	2.82	8.46	5.64	5.64	5.64	5.64	8.46	8.46	5.64	7.896	5.64	8.46
11	Pharmaceutical Inorganic Chemistry-I lab	C1111	2.94	8.82	0	8.82	5.88	0	8.82	8.82	0	8.82	8.82	8.82



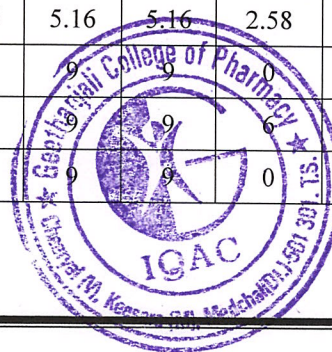
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12	Communication skills lab	C1112	3	0	6	9	6	9	9	6	9	6	6	9
13	Remedial Biology lab	C1113	2.88	8.64	0	8.64	5.76	0	8.64	8.64	2.88	8.64	5.76	8.64
14	Human Anatomy and Physiology II	C121	2.42	7.26	2.42	7.26	4.84	2.42	7.26	7.26	4.84	4.84	4.84	7.26
15	Pharmaceutical Organic Chemistry I	C122	2.7	8.1	0	7.56	5.4	0	8.1	8.1	0	7.56	5.4	8.1
16	Biochemistry	C123	2.64	7.92	0	5.28	5.28	0	7.92	7.92	2.64	5.28	5.28	7.92
17	Pathophysiology	C124	2.3	6.9	2.3	6.9	4.6	4.6	6.9	6.9	4.6	4.6	4.6	6.9
18	Computer Applications in Pharmacy	C125	2.8	8.4	0	8.4	5.6	0	5.6	5.6	0	5.6	5.6	5.6
19	Human Anatomy and Physiology II lab	C126	3	9	0	9	6	0	9	9	6	6	6	9
20	Pharmaceutical Organic Chemistry I lab	C127	2.8	8.4	0	8.4	6	0	9	9	0	8.4	6	9
21	Biochemistry lab	C128	2.8	8.4	0	8.4	5.6	0	8.4	8.4	2.8	8.4	5.6	8.4
22	Computer Applications in Pharmacy lab	C129	3	9	0	9	6	0	3	0	0	6	0	9
23	Pharmaceutical Organic Chemistry-II	C121	2.5	7.5	0	7.5	5	0	7.5	7.5	0	7.5	5	7.5
24	Physical Pharmaceutics-I	C212	1.2	3.6	0	3.6	2.4	0	3.6	3.6	0	3.6	2.4	3.6
25	Pharmaceutical Microbiology	C213	2.76	8.28	2.76	8.28	7.17	2.76	8.28	8.28	2.76	8.28	7.17	8.28
26	Pharmaceutical Engineering	C214	2.3	6.9	4.6	4.6	4.6	2.3	6.9	6.9	2.3	4.6	4.6	6.9
27	Pharmaceutical Organic Chemistry-II Lab	C215	2.74	8.22	0	8.22	5.48	0	8.22	8.22	0	8.22	5.48	8.22
28	Physical Pharmaceutics-I Lab	C216	3	9	6	6	6	6	9	9	6	6	6	9
29	Pharmaceutical Microbiology Lab	C217	3	9	3	9	9	3	9	9	3	9	9	9
30	Pharmaceutical Engineering Lab	C218	2.94	8.82	5.88	8.82	5.88	2.94	8.82	8.82	2.94	8.82	5.88	8.82
31	Pharmaceutical Organic Chemistry-III	C221	2.52	7.56	0	5.04	5.04	0	7.56	7.56	2.52	5.04	5.04	7.56
32	Medicinal Chemistry-I	C222	0.58	1.74	0	1.74	1.16	0	1.74	1.74	0	1.74	1.16	1.74
33	Physical Pharmaceutics-II	C223	1.6	4.8	0	3.2	3.2	0	4.8	4.8	0	4.8	3.2	4.8
34	Pharmacology-I	C224	0.24	0.72	0.24	0.57	0.52	0.48	0.72	0.48	0.52	0.67	0.38	0.72



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35	Pharmacognosy and Phytochemistry-I	C225	3	9	0	8.4	6	0	9	9	0	9	6	9
36	Medicinal Chemistry-I Lab	C226	2.98	8.94	0	8.94	5.96	0	8.94	8.94	0	8.94	5.96	8.94
37	Physical Pharmaceutics-II Lab	C227	2.9	8.12	5.8	8.7	6.96	5.8	8.12	8.12	5.8	6.96	6.96	8.7
38	Pharmacology-I Lab	C228	3	9	3	7.2	6	3	9	9	3	9	7.2	9
39	Pharmacognosy & Phytochemistry-I Lab	C229	3	9	0	8.4	6	0	9	9	0	9	6	9
40	Gender Sensitization Lab	C2210	2.4	7.2	0	7.2	4.8	0	7.2	7.2	2.4	7.2	4.8	7.2
41	Medicinal Chemistry - II	C311	1.36	4.08	0	2.72	2.72	0	4.08	4.08	1.36	2.72	2.72	4.08
42	Industrial Pharmacy - I	C312	1.7	5.1	1.7	3.4	3.4	1.7	5.1	5.1	1.7	3.4	3.4	5.1
43	Pharmacology - II	C313	2.58	7.74	2.58	7.74	5.16	2.58	7.74	7.74	5.16	7.74	2.58	7.74
44	Pharmacognosy and Photochemistry - II	C314	1.6	4.8	0	4.8	4.8	0	4.8	4.8	0	4.8	4.8	4.8
45	Generic Product Development	C315	1.92	5.76	3.84	3.84	3.84	1.92	5.76	5.76	3.84	5.37	3.84	5.76
46	Industrial Pharmacy - I lab	C316	3	9	6	9	9	3	9	9	3	9	9	9
47	Pharmacology – II lab	C317	3	9	6	9	7.2	3	9	9	6	9	3	9
48	Pharmacognosy& Photochemistry- II lab	C318	3	9	0	9	9	0	9	9	0	9	9	9
49	Environmental Sciences	C319	2.4	7.2	2.4	7.2	4.8	2.4	7.2	7.2	2.4	7.2	7.2	7.2
50	Medicinal Chemistry - III	C321	1.96	5.88	0	3.92	3.92	0	5.88	5.88	0	3.92	5.88	5.88
51	Pharmacology – III	C322	1.08	3.24	1.08	3.24	3.24	2.16	3.24	3.24	2.16	3.24	2.16	3.24
52	Herbal Drug Technology	C323	2.2	6.6	0	6.6	6.6	0	6.6	6.6	0	6.6	6.6	6.6
53	Biopharmaceutics and Pharmacokinetics	C324	1.9	5.7	3.8	3.8	3.8	1.9	5.7	5.7	1.9	3.8	3.8	5.7
54	Pharmaceutical Biotechnology	C325	2.58	7.74	5.16	5.16	5.16	2.58	7.74	7.74	5.16	7.22	5.16	7.74
55	Medicinal Chemistry – III lab	C326	3	9	0	9	9	0	9	9	0	9	9	9
56	Pharmacology – III lab	C327	3	9	3	9	9	6	9	9	6	9	6	9
57	Herbal Drug Technology lab	C328	3	9	0	9	9	0	9	9	0	9	9	9



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58	Human Values and Professional Ethics	C329	3	9	6	9	9	6	9	9	6	9	9	9
59	Instrumental Methods of Analysis	C411	2.15	6.02	0	6.02	4.3	0	6.45	6.02	6.45	6.45	4.3	6.45
60	Industrial Pharmacy-II	C412	2.52	7.56	2.52	7.56	7.56	0	7.56	7.56	0	7.56	7.56	7.56
61	Pharmacy Practice	C413	2.62	7.86	5.24	7.86	7.86	5.24	7.86	7.86	5.24	7.86	7.86	7.86
62	Novel Drug Delivery Systems	C414	1.16	3.48	2.32	2.32	2.32	2.32	3.48	3.48	2.32	2.32	2.32	1.16
63	Pharmacovigilance	C415	2.47	7.41	4.94	7.41	6.42	4.94	7.41	7.41	4.94	7.41	6.42	7.41
64	Instrumental Methods of Analysis Lab	C416	2.94	5.88	5.88	8.82	5.88	8.82	5.88	8.82	8.82	8.82	5.88	8.82
65	Practice School	C417	3	8.4	5.4	9	7.8	8.4	8.4	8.4	8.4	9	9	9
66	Industrial Training	C418	3	9	6	9	7.8	9	9	9	9	9	9	9
67	Biostatistics & Research Methodology	C421	3	0	0	9	9	0	0	0	0	9	0	9
68	Social and Preventive Pharmacy	C422	3	9	0	8.4	7.2	0	9	9	0	9	7.2	9
69	Pharmaceutical Jurisprudence	C423	3	9	6	6.6	6.6	3	9	9	6	8.4	6.6	9
70	Nano Technology	C424	3	9	6	6.6	6.6	6	9	9	6	6	6.6	9
71	Project	C425	3	9	9	9	9	9	9	9	9	9	9	9
Average of {(A*B) of all courses}				7.04	2.18	6.84	5.61	2.14	7.08	6.96	2.98	6.66	5.44	7.33
Average correlation values of CO-PO matrix (B) of all courses				2.83	0.82	2.75	2.24	0.82	2.85	2.77	1.15	2.68	2.15	2.95
DIRECT ATTAINMENT				2.48	2.65	2.48	2.50	2.60	2.48	2.51	2.59	2.48	2.53	2.48
DIRECT ATTAINMENT (80%)				1.98	2.12	1.98	2.00	2.08	1.98	2.00	2.07	1.98	2.02	1.98



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Table 4: INDIRECT ATTAINMENT OF PROGRAMME OUTCOMES OF ALL COURSES

B.PHARMACY

REGULATION R17 / BATCH (2017-2021)

PROGRAMME: B.PHARMACY														
Batch	Total Students	Survey Details	Total No of Surveys	P O 1	P O 2	P O 3	P O 4	P O 5	P O 6	P O 7	P O 8	P O 9	P O 10	P O 11
2017-21	80	PES	76	72	71	72	74	75	75	74	73	73	73	76
Indirect attainment level				2.8	2.3	2.5	2.3	2.40	2.41	2.50	2.52	2.55	2.52	2.50
2017-21	80	AS	49	42	40	47	45	47	43	47	42	45	45	44
Indirect attainment level				2.8	2.8	2.5	2.1	2.04	2.36	2.23	2.28	2.11	2.13	2.07
2017-21	80	ES	11	11	11	11	11	11	11	11	11	11	11	11
Indirect attainment level				2.59	2.45	2.52	2.5	2.52	2.59	2.66	2.59	2.66	2.59	2.59



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**Table 5: OVERALL PO ATTAINMENT OF PROGRAMME OUTCOMES OF ALL
COURSES
B.PHARMACY
REGULATION R17 / BATCH (2017-2021)**

PO ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
DIRECT ATTAINMENT (80%)	1.98	2.12	1.98	2.00	2.08	1.98	2.00	2.07	1.98	2.02	1.98
PROG EXIT SURVEY (10%)	0.23	0.24	0.241	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
EMPLOYER SURVEY (05%)	0.12	0.12	0.12	0.12	0.12	0.1295	0.13	0.12	0.13	0.12	0.12
ALUMNI SURVEY (05%)	0.10	0.10	0.11	0.11	0.11	0.1055	0.10	0.10	0.11	0.11	0.10
OVERALL PO ATTAINMENT	2.43	2.58	2.45	2.48	2.56	2.45	2.48	2.54	2.47	0.23	2.45



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Table 6: EVALUATION OF ATTAINMENT OF PO'S OF ALL COURSES

B.PHARMACY

REGULATION R17 / BATCH (2017-2021)

PO	ELOA	ALOA
PO1	3	2.43
PO2	3	2.58
PO3	3	2.45
PO4	3	2.48
PO5	3	2.56
PO6	3	2.45
PO7	3	2.48
PO8	3	2.54
PO9	3	2.47
PO10	3	2.50
PO11	3	2.45

Note: Expected level of attainment (ELOA); Actual level of attainment (ALOA)


HOD/ PROGRAMME COORDINATOR

HEAD

Department of Pharmacy & B.Pharm
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