

2.6.2(6) Evaluation CO-PO attainment
report for M.Pharmacy- Regulatory Affairs

GEETHANJALI COLLEGE OF PHARMACY

APPROVED BY AICTE, PCI NEW DELHI, PERMANENTLY AFFILIATED TO JNTUH, ACCREDITED
BY NAAC A+ GRADE, NBA (B.PHARMACY)
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AMC of PvPI &NIRF.
CHEERYAL (V), KEESARA (M), MEDCHAL DIST, TS- 501301.

CO-PO ATTAINMENT REPORT- M.PHARM (PHARMACEUTICAL REGULATORY AFFAIRS) (2021-2023) BATCH

**Table 1: CO-PO CORRELATION MATRIX OF ALL COURSES OF M. PHARM
(PHARMACEUTICAL REGULATORY AFFAIRS) (2021-2023)_BATCH**

PROGRAMME:														
S.NO	Year/ Sem	Course Name	Course Code	CO-PO Correlation value										
				PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
1	I YEAR I SEM	DRUG REGULATORY AFFAIRS	M.PR/R19C112	3	1	3	3	1	3	3	1	3	3	3
2	I YEAR I SEM	Intellectual Property Rights	M.PR / R19. C 113	3	1	3	3	1	3	3	1	3	3	3
3	I YEAR I SEM	Stability drug dosage form	M.PR/R19.C119	3	3	3	3	3	3	3	3	3	3	3
4	I YEAR I SEM	Regulatory Practise and Documentation Lab	M.PR/R17.C1111	3	1	3	3	1	3	3	1	3	3	3
5	I YEAR I SEM	Good Regulatory Practise	M.PR/R17.C111	3	1	3	3	1	3	3	1	3	3	3
6	I YEAR I SEM	Drug regulation & registration lab	M.PR/R17.C1112	3	1	3	3	1	3	3	1	3	3	3
7	I YEAR I SEM	Value education	M.PR/R19C1115	2.8	2	2.4	2.4	2	2.8	2.8	2	2.4	2.4	3
8	I YEAR I SEM	Research methodology &IPR	MPR/R19.C119	2.8	1.8	3	2.6	2.8	2.8	2.8	2.8	3	3	3

6. DRUG REGISTRATION AND REGULATION 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)	
M.PR/R19 C1111	DRUG REGISTRATION & REGULATION (LAB)	CO 1	100	3	0.6	100	3	2.4	3
		CO 2	66.6	1	0.2	100	3	2.4	2.6
		CO 3	66.6	1	0.2	100	3	2.4	2.6
		CO 4	100	3	0.6	100	3	2.4	3
		CO 5	100	3	0.6	100	3	2.4	3
Overall CO attainment									2.8

7. VALUE EDUCATION (AUDIT COURSE-I)

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)	
M.PR/R19 C1115	VALUE EDUCATION	CO 1	100	3	0.6	100	3	2.4	3
		CO 2	0	0	0	100	3	2.4	2.4
		CO 3	80	3	0.6	100	3	2.4	3
		CO 4	20	0	0	100	3	2.4	2.4
		CO 5	80	3	0.6	100	3	2.4	3
Overall CO attainment			60	1.8	56	1.8	0.36	2.4	2.76

12. REGULATORY ASPECTS OF FOOD & MEDICAL DEVICES 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)	
MPR/R19C 1210	REGULATORY ASPECTS OF FOOD & MEDICAL DEVICES LAB	CO 1	100	3	0.6	100	3	2.4	3
		CO 2	100	3	0.6	100	3	2.4	3
		CO 3	100	3	0.6	100	3	2.4	3
		CO 4	100	3	0.6	100	3	2.4	3
		CO 5	100	3	0.6	100	3	2.4	3
Overall CO attainment									3

13. REGULATORY ASPECTS OF FOOD & NEUTRACEUTICALS

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)	
MPR/R19 C123	REGULATORY ASPECTS OF FOOD & NEUTRACEUTICALS	CO 1	100	3	0.6	100	3	1.8	2.4
		CO 2	100	3	0.6	100	3	1.8	2.4
		CO 3	100	3	0.6	100	3	1.8	2.4
		CO 4	33.33	0	0	100	3	0	0
		CO 5	66.66	1	0.2	100	3	3	3.2
Overall CO attainment							0.4		2.08

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Table 3: DIRECT ATTAINMENT OF PROGRAMME OUTCOMES OF ALL COURSES
M.PHARMACY (PHARMACEUTICAL REGULATORY AFFAIRS)
REGULATION R19 / BATCH (2021-2023)

PROGRAMME: M.PHARM (PHARMACEUTICAL REGULATORY AFFAIRS)														
				(A*B) of courses										
S.No.	Course Name	Course Code	Overall CO attainment I(A)	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
1	DRUG REGULATORY AFFAIRS	M.PR/R19C 112	3	9	3	9	9	3	9	9	3	9	9	9
2	Intellectual Property Rights	M.PR / R19.C 113	2.6	7.8	2.6	7.8	7.8	2.6	7.8	7.8	2.6	7.8	7.8	7.8
3	Stability drug dosage form	M.PR/R19.C 119	2.7	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
4	Regulatory Practise and Documentation Lab	M.PR/R17.C 1111	3	9	3	9	9	3	9	9	3	9	9	9

5	Good Regulatory Practise	M.PR/R17.C 111	2.6	7.8	2.6	7.8	7.8	2.6	7.8	7.8	2.6	7.8	7.8	7.8
6	Drug regulation & registration lab	M.PR/R17.C 1112	2.8	8.4	2.8	8.4	8.4	2.8	8.4	8.4	2.8	8.4	8.4	8.4
7	Value education	M.PR/R19C 1115	2.7	7.5	4.7	4.68	4.68	4.7	7.5	7.5	4.7	6.4	6.4	8.1
8	Research methodology & IPR	MPR/R19.C 119	2.7	7.56	4.86	8.1	7.02	7.56	7.56	7.56	7.56	8.1	8.1	8.1
9	Regulatory aspects of herbals biologics	MPR/R19C1 22	2.6	7.8	2.6	7.8	7.8	2.6	7.8	7.8	2.6	7.8	7.8	7.8
10	Regulatory aspects of herbals biologics lab	MPR/R19C1 29	3	9	3	9	9	3	9	9	3	9	9	9
11	Regulatory aspects of medical devices	MPR/R19C1 21	2.7	8.1	2.7	8.1	8.1	2.7	8.1	8.1	2.7	8.1	8.1	8.1
12	Regulatory aspects of medical devices lab	MPR/R19C1 210	3	9	3	6	6	3	9	9	3	9	3	9
13	Regulatory aspects of food & nutraceuticals	MPR/R19C1 23	2.8	8.4	2.8	8.4	8.4	2.8	8.4	8.4	2.8	8.4	8.4	8.4
14	Advanced Bio Pharmaceutics and Pharmacokinetics (Th)	M.PT/ R19 C112	3	8.4	6	9	7.2	6	8.4	8.4	6	9	6	9
15	Disaster management	MPR/R19C1 113	3	9	3	9	9	3	9	9	3	9	9	9

16	Audits & Regulatory Compliance	M.PR/R19.C 218	3	9	3	9	9	3	9	9	3	9	9	9
17	Pharmaceutical production technology	MPR/R19.C 213	2.8	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
18	Project	M.PT/R1 9.C222	3	9	9	9	9	9	9	9	9	9	9	9
	Average of {(A*B) of all courses}			8.37	4.1	8.0	7.90	4.2	8.37	8.3	4.2	8.3	7.8	8.4
	Average correlation values of CO-PO matrix (B) of all courses			2.9	1.4	2.9	2.8	1.4	2.9	2.9	1.4	2.9	2.7	3
	DIRECT ATTAINMENT			2.3	2.4	2.3	2.3	2.4	2.3	2.3	2.4	2.3	2.3	2.3
	DIRECT ATTAINMENT (80%)			1.8	1.9	1.8	1.9	1.9	1.8	1.8	1.9	1.8	1.8	1.8

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**Table 4: INDIRECT ATTAINMENT OF PROGRAMME OUTCOMES OF ALL COURSES
M.PHARMACY (PHARMACEUTICS REGULATORY AFFAIRS)
REGULATION R19 / BATCH (2021-2023)**

PROGRAMME: M.PHARMACY (PHARMACEUTICAL REGULATORY AFFAIRS)														
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
2021-23	6	PES	6	3	3	3	3	3	3	3	3	3	3	3
Indirect attainment level				2.83	2.67	2.67	2.83	2.67	2.83	2.00	2.83	2.50	2.50	2.67
PES attainment level*0.1				0.283	0.267	0.267	0.283	0.267	0.283	0.2	0.283	0.25	0.25	0.267
2021-23	6	AS	6	3	3	3	3	3	3	3	3	3	3	3
Indirect attainment level				2.67	2.83	2.83	2.67	2.67	2.50	2.33	2.50	2.50	2.67	2.83
AS attainment level*0.05				0.1335	0.1415	0.1415	0.1335	0.1335	0.125	0.1165	0.125	0.125	0.1335	0.1415
2020-23	6	ES	6	3	3	3	3	3	3	3	3	3	3	3
Indirect attainment level				2.67	2.83	3.00	2.83	2.67	2.67	2.83	2.83	2.83	2.50	2.50
ES attainment level*0.05				0.1335	0.1415	0.15	0.1415	0.1335	0.1335	0.1415	0.1415	0.1415	0.125	0.125



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Table 5: OVERALL PO ATTAINMENT OF PROGRAMME OUTCOMES OF ALL COURSES

**M.PHARMACY (PHARMACEUTICAL REGULATORY AFFAIRS)
REGULATION R19 / BATCH (2021-2023)**

PO ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
DIRECT ATTAINMENT (80%)	1.8	1.9	1.8	1.9	1.9	1.8	1.8	1.9	1.8	1.8	1.8
PROG EXIT SURVEY (10%)	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.3
EMPLOYER SURVEY (05%)	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
ALUMNI SURVEY (05%)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
OVERALL PO ATTAINMENT	2.4	2.5	2.4	2.5	2.4	2.3	2.3	2.4	2.3	2.3	2.4



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**Table 6: EVALUATION OF ATTAINMENT OF PO'S OF ALL COURSES
M.PHARMACY (PHARMACEUTICS REGULATORY AFFAIRS)
REGULATION R19 / BATCH (2021-2023)**

PO	ELOA	ALOA
PO1	2.6	2.4
PO2	2.6	2.5
PO3	2.6	2.4
PO4	2.6	2.5
PO5	2.6	2.4
PO6	2.6	2.3
PO7	2.6	2.3
PO8	2.6	2.4
PO9	2.6	2.3
PO10	2.6	2.3
PO11	2.6	2.4

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


HOD/ PROGRAMME COORDINATOR




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