

Dr. Rajendra Gode College of Pharmacy, Malkapur
Course Outcomes and Programme Outcomes Attainment

Course: B. Pharmacy
Course Outcomes Attainment Level

CODE	Attainment Level: Rationale	Description w.r.t % of Goal
EE	Exceed Expectation	Attain. > than 5% of goal
ME	Meet Expectation	Attain. between -5% < goal < 5%
BE	Below Expectation	Attain. < than 5% of goal

Programme Outcomes Attainment Level

CODE	Attainment Level: Rationale
H	High
M	Medium
L	Low

Class: B. Pharm. Sem. III

Subject: Pharm. Organic Chemistry II (BP301T)

COs Attainment

Assessment Types	% of students Attained CO1	% of students Attained CO2	% of students Attained CO3	% of students Attained CO4	% of students Attained CO5	% of students Attained CO6
Internal Assessment (I)	98.93	98.93	98.93	98.93	98.93	98.93
University Assessment (U)	98.64	98.64	98.64	98.64	98.64	98.64
Direct Assessment (DA) = 0.75*I + 0.25* U	98.86	98.86	98.86	98.86	98.86	98.86
Indirect Assessment (ID)	66.00	66.00	66.00	66.00	66.00	66.00
Total = 0.8*DA + 0.2*ID	92.29	92.29	92.29	92.29	92.29	92.29
Expectation w.r.t goal	EE	EE	EE	EE	EE	EE

POs Attainment

Attainment	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
Direct (D)	3.0	1.5	1.2	0	0	2.0	0	0	2.4	0	3.0
Indirect (I)	1.7	1.3	1.3	1.3	1.2	1.3	1.2	1.1	1.2	1.2	1.5
Total=0.8*D+0.2*I	2.7	1.4	1.3	0.3	0.2	1.8	0.2	0.2	2.1	0.2	2.7
PO Attained	M	L	L	--	--	L	--	--	M	--	M

Subject: Pharm. Organic Chemistry II (BP305P)**COs Attainment**

Assessment Types	% of students Attained CO1	% of students Attained CO2	% of students Attained CO3	% of students Attained CO4	% of students Attained CO5	% of students Attained CO6
Internal Assessment (I)	99.20	99.20	99.20	99.20	99.20	99.20
University Assessment (U)	87.80	87.80	87.80	87.80	87.80	87.80
Direct Assessment (DA) =0.75*I + 0.25* U	96.35	96.35	96.35	96.35	96.35	96.35
Indirect Assessment (ID)	63.00	63.00	63.00	63.00	63.00	63.00
Total = 0.8*DA + 0.2*ID	89.68	89.68	89.68	89.68	89.68	89.68
Expectation w.r.t goal	EE	EE	EE	EE	EE	EE

POs Attainment

Attainment	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
Direct (D)	3.0	1.0	1.0	0	0	2.0	0	0	2.0	0	2.7
Indirect (I)	1.7	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.1	1.1	1.4
Total=0.8*D+0.2*I	2.7	1.0	1.0	0.2	0.2	1.8	0.2	0.2	1.8	0.2	2.5
PO Attained	M	L	L	--	--	L	--	--	L	--	M

Subject: Pharmaceutical Microbiology (BP303T)

COs Attainment

Assessment Types	% of students Attained CO1	% of students Attained CO2	% of students Attained CO3	% of students Attained CO4	% of students Attained CO5	% of students Attained CO6
Internal Assessment (I)	99.73	99.73	99.73	99.73	99.73	99.73
University Assessment (U)	96.27	96.27	96.27	96.27	96.27	96.27
Direct Assessment (DA) = $0.75 * I + 0.25 * U$	98.87	98.87	98.87	98.87	98.87	98.87
Indirect Assessment (ID)	58.33	58.33	58.33	58.33	58.33	58.33
Total = $0.8 * DA + 0.2 * ID$	90.76	90.76	90.76	90.76	90.76	90.76
Expectation w.r.t goal	EE	EE	EE	EE	EE	EE

POs Attainment

Attainment	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
Direct (D)	3.0	1.2	2.0	1.7	1.0	1.0	1.0	1.0	1.7	1.0	1.0
Indirect (I)	1.5	1.0	1.0	1.1	0.8	0.9	1.0	0.8	1.0	0.9	1.3
Total = $0.8 * D + 0.2 * I$	2.7	1.1	1.8	1.5	1.0	1.0	1.0	1.0	1.5	1.0	1.1
PO Attained	M	L	L	L	--	--	--	--	L	--	L

Subject: Pharmaceutical Microbiology (BP307P)**COs Attainment**

Assessment Types	% of students Attained CO1	% of students Attained CO2	% of students Attained CO3	% of students Attained CO4	% of students Attained CO5	% of students Attained CO6
Internal Assessment (I)	96.53	96.53	96.53	96.53	96.53	96.53
University Assessment (U)	87.73	87.73	87.73	87.73	87.73	87.73
Direct Assessment (DA) =0.75*I + 0.25* U	94.33	94.33	94.33	94.33	94.33	94.33
Indirect Assessment (ID)	58.33	58.33	58.33	58.33	58.33	58.33
Total = 0.8*DA + 0.2*ID	87.13	87.13	87.13	87.13	87.13	87.13
Expectation w.r.t goal	EE	EE	EE	EE	EE	EE

POs Attainment

Attainment	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
Direct (D)	2.9	1.3	2.1	1.8	1.0	1.0	1.0	0	1.3	1.0	1.3
Indirect (I)	1.4	1.0	1.0	1.0	0.9	1.0	1.0	0.9	0.9	0.9	1.3
Total=0.8*D+0.2*I	2.6	1.2	1.9	1.6	1.0	1.0	1.0	0.2	1.2	1.0	1.3
PO Attained	M	L	L	L	--	--	--	--	L	--	L

Subject: Pharmaceutical Engineering (BP304T)**COs Attainment**

Assessment Types	% of students Attained CO1	% of students Attained CO2	% of students Attained CO3	% of students Attained CO4	% of students Attained CO5	% of students Attained CO6
Internal Assessment (I)	99.73	99.73	99.73	99.73	99.73	99.73
University Assessment (U)	89.00	89.00	89.00	89.00	89.00	89.00
Direct Assessment (DA) = $0.75 * I + 0.25 * U$	97.05	97.05	97.05	97.05	97.05	97.05
Indirect Assessment (ID)	62.67	62.67	62.67	62.67	62.67	62.67
Total = $0.8 * DA + 0.2 * ID$	90.17	90.17	90.17	90.17	90.17	90.17
Expectation w.r.t goal	EE	EE	EE	EE	EE	EE

POs Attainment

Attainment	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
Direct (D)	2.3	2.4	2.3	1.2	2.0	0	0	0	3.0	2.0	2.6
Indirect (I)	1.6	1.1	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.4
Total = $0.8 * D + 0.2 * I$	2.2	2.1	2.1	1.2	1.8	0.2	0.2	0.2	2.6	1.8	2.4
PO Attained	M	M	M	L	L	--	--	--	M	L	M

Subject: Pharmaceutical Engineering (BP308P)

COs Attainment

Assessment Types	% of students Attained CO1	% of students Attained CO2	% of students Attained CO3	% of students Attained CO4	% of students Attained CO5	% of students Attained CO6
Internal Assessment (I)	100.00	100.00	100.00	100.00	100.00	100.00
University Assessment (U)	98.63	98.63	98.63	98.63	98.63	98.63
Direct Assessment (DA) = $0.75 * I + 0.25 * U$	99.66	99.66	99.66	99.66	99.66	99.66
Indirect Assessment (ID)	62.67	62.67	62.67	62.67	62.67	62.67
Total = $0.8 * DA + 0.2 * ID$	92.26	92.26	92.26	92.26	92.26	92.26
Expectation w.r.t goal	EE	EE	EE	EE	EE	EE

POs Attainment

Attainment	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
Direct (D)	2.3	2.4	2.3	1.2	2.0	0	0	0	3.0	2.0	2.6
Indirect (I)	1.6	1.1	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.4
Total = $0.8 * D + 0.2 * I$	2.2	2.1	2.1	1.2	1.8	0.2	0.2	0.2	2.6	1.8	2.4
PO Attained	M	M	M	L	L	--	--	--	M	L	M

Subject: Pharmaceutical Medicinal Chemistry I (BP402T)**COs Attainment**

Assessment Types	% of students Attained CO1	% of students Attained CO2	% of students Attained CO3	% of students Attained CO4	% of students Attained CO5	% of students Attained CO6
Internal Assessment (I)	93.94	93.94	93.94	93.94	93.94	93.94
University Assessment (U)	34.62	34.62	34.62	34.62	34.62	34.62
Direct Assessment (DA) = $0.75 \cdot I + 0.25 \cdot U$	79.11	79.11	79.11	79.11	79.11	79.11
Indirect Assessment (ID)	64.67	64.67	64.67	64.67	64.67	64.67
Total = $0.8 \cdot DA + 0.2 \cdot ID$	76.22	76.22	76.22	76.22	76.22	76.22
Expectation w.r.t goal	EE	EE	EE	EE	EE	EE

POs Attainment

Attainment	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
Direct (D)	2.8	0	2.8	2.8	0	0	0	0	1.9	0	2.8
Indirect (I)	1.2	1.2	1.1	1.1	1.1	1.5	1.7	1.3	1.3	1.3	1.1
Total = $0.8 \cdot D + 0.2 \cdot I$	2.5	0.2	2.5	2.5	0.2	0.3	0.3	0.3	1.8	0.3	2.5
PO Attained	M	--	M	M	--	--	--	--	L	--	M

Subject: Pharmaceutical Medicinal Chemistry I (BP406P)**COs Attainment**

Assessment Types	% of students Attained CO1	% of students Attained CO2	% of students Attained CO3	% of students Attained CO4	% of students Attained CO5	% of students Attained CO6
Internal Assessment (I)	96.72	96.72	96.72	96.72	96.72	96.72
University Assessment (U)	97.25	97.25	97.25	97.25	97.25	97.25
Direct Assessment (DA) = $0.75 * I + 0.25 * U$	96.85	96.85	96.85	96.85	96.85	96.85
Indirect Assessment (ID)	59.00	59.00	59.00	59.00	59.00	59.00
Total = $0.8 * DA + 0.2 * ID$	89.28	89.28	89.28	89.28	89.28	89.28
Expectation w.r.t goal	EE	EE	EE	EE	EE	EE

POs Attainment

Attainment	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
Direct (D)	2.9	0	2.9	2.9	0	0	0	0	1.9	0	2.9
Indirect (I)	1.1	1.0	1.0	1.1	1.1	1.0	1.1	1.1	1.0	1.1	1.1
Total = $0.8 * D + 0.2 * I$	2.5	0.2	2.5	2.5	0.2	0.2	0.2	0.2	1.7	0.2	2.5
PO Attained	M	--	M	M	--	--	--	--	L	--	M

Subject: Physical Pharmaceutics II (BP407P)**COs Attainment**

Assessment Types	% of students Attained CO1	% of students Attained CO2	% of students Attained CO3	% of students Attained CO4	% of students Attained CO5	% of students Attained CO6
Internal Assessment (I)	85.47	85.47	85.47	85.47	85.47	85.47
University Assessment (U)	84.85	84.85	84.85	84.85	84.85	84.85
Direct Assessment (DA) = $0.75 * I + 0.25 * U$	85.31	85.31	85.31	85.31	85.31	85.31
Indirect Assessment (ID)	54.00	54.00	54.00	54.00	54.00	54.00
Total = $0.8 * DA + 0.2 * ID$	79.05	79.05	79.05	79.05	79.05	79.05
Expectation w.r.t goal	EE	EE	EE	EE	EE	EE

POs Attainment

Attainment	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
Direct (D)	2.6	0	1.4	2.0	0	0	0	0	0	0	0
Indirect (I)	1.3	1.0	0.9	0.8	0.6	0.7	0.8	0.7	0.8	0.8	1.3
Total = $0.8 * D + 0.2 * I$	2.3	0.2	1.3	1.8	0.1	0.1	0.2	0.1	0.2	0.2	0.3
PO Attained	M	--	L	L	--	--	--	--	--	--	--

Subject: Pharmacology I (404T)**COs Attainment**

Assessment Types	% of students Attained CO1	% of students Attained CO2	% of students Attained CO3	% of students Attained CO4	% of students Attained CO5	% of students Attained CO6
Internal Assessment (I)	95.90	95.90	95.90	95.90	95.90	95.90
University Assessment (U)	37.33	37.33	37.33	37.33	37.33	37.33
Direct Assessment (DA) = $0.75 * I + 0.25 * U$	81.26	81.26	81.26	81.26	81.26	81.26
Indirect Assessment (ID)	46.75	46.75	46.75	46.75	46.75	46.75
Total = $0.8 * DA + 0.2 * ID$	74.36	74.36	74.36	74.36	74.36	74.36
Expectation w.r.t goal	EE	EE	EE	EE	EE	EE

POs Attainment

Attainment	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
Direct (D)	2.9	1.0	0	0	0	0	0	0	1.9	0	2.9
Indirect (I)	1.9	1.3	1.4	1.2	1.3	1.4	1.4	1.3	1.2	1.2	1.8
Total = $0.8 * D + 0.2 * I$	2.7	1.0	0.3	0.2	0.3	0.3	0.3	0.3	1.8	0.2	2.7
PO Attained	M	L	--	--	--	--	--	--	L	--	M

Subject: Pharmacology I (408P)**COs Attainment**

Assessment Types	% of students Attained CO1	% of students Attained CO2	% of students Attained CO3	% of students Attained CO4	% of students Attained CO5	% of students Attained CO6
Internal Assessment (I)	98.37	98.37	98.37	98.37	98.37	98.37
University Assessment (U)	90.86	90.86	90.86	90.86	90.86	90.86
Direct Assessment (DA) =0.75*I + 0.25* U	96.49	96.49	96.49	96.49	96.49	96.49
Indirect Assessment (ID)	46.00	46.00	46.00	46.00	46.00	46.00
Total = 0.8*DA + 0.2*ID	86.40	86.40	86.40	86.40	86.40	86.40
Expectation w.r.t goal	EE	EE	EE	EE	EE	EE

POs Attainment

Attainment	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
Direct (D)	2.0	1.0	0	1.0	0	0	0	0	2.0	0	3.0
Indirect (I)	1.1	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.8	0.7	1.0
Total=0.8*D+0.2*I	1.8	0.9	0.2	0.9	0.2	0.2	0.2	0.1	1.7	0.1	2.6
PO Attained	L	--	--	--	--	--	--	--	L	--	M

Subject: Pharmacognosy I (BP405T)**COs Attainment**

Assessment Types	% of students Attained CO1	% of students Attained CO2	% of students Attained CO3	% of students Attained CO4	% of students Attained CO5	% of students Attained CO6
Internal Assessment (I)	92.08	92.08	92.08	92.08	92.08	92.08
University Assessment (U)	44.00	44.00	44.00	44.00	44.00	44.00
Direct Assessment (DA) = $0.75 * I + 0.25 * U$	80.06	80.06	80.06	80.06	80.06	80.06
Indirect Assessment (ID)	43.25	43.25	43.25	43.25	43.25	43.25
Total = $0.8 * DA + 0.2 * ID$	72.70	72.70	72.70	72.70	72.70	72.70
Expectation w.r.t goal	EE	EE	EE	EE	EE	EE

POs Attainment

Attainment	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
Direct (D)	2.8	1.7	1.8	1.8	0	1.8	1.8	0	2.0	0	2.8
Indirect (I)	1.1	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.9
Total = $0.8 * D + 0.2 * I$	2.4	1.5	1.6	1.6	0.1	1.6	1.6	0.1	1.7	0.1	2.4
PO Attained	M	L	L	L	--	L	L	--	L	--	M

Subject: Pharmacognosy I (BP409P)

COs Attainment

Assessment Types	% of students Attained CO1	% of students Attained CO2	% of students Attained CO3	% of students Attained CO4	% of students Attained CO5	% of students Attained CO6
Internal Assessment (I)	96.21	96.21	96.21	96.21	96.21	96.21
University Assessment (U)	100.00	100.00	100.00	100.00	100.00	100.00
Direct Assessment (DA) = 0.75*I + 0.25* U	97.15	97.15	97.15	97.15	97.15	97.15
Indirect Assessment (ID)	44.50	44.50	44.50	44.50	44.50	44.50
Total = 0.8*DA + 0.2*ID	86.62	86.62	86.62	86.62	86.62	86.62
Expectation w.r.t goal	EE	EE	EE	EE	EE	EE

POs Attainment

Attainment	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
Direct (D)	1.9	1.0	0	1.0	0	0	0	0	1.9	0	2.9
Indirect (I)	1.8	1.3	1.3	1.3	1.2	1.3	1.4	1.2	1.2	1.2	1.7
Total=0.8*D+0.2*I	1.9	1.0	0.3	1.0	0.2	0.3	0.3	0.2	1.8	0.2	2.6
PO Attained	L	L	--	L	--	--	--	--	L	--	M

