

Department of Applied Chemistry
Shri G.S. Institute of Technology & Science, Indore
COURSE ASSESSMENT SHEET FOR 2023-24

M.Sc. I SEMESTER

Course Name: Physical Chemistry
Course Code: CH91105
Credit: 4
Name of Faculty: Dr. Vishvajeet S. Yadav


SUMMARY OF COURSE OUTCOME ATTAINMENT USING (DIRECT & INDIRECT) TOOLS

Tool	CO1	CO2	CO3	CO4	CO5	Average
Indirect Assessment	2.6	2.3	1.80	2.0	1.60	2.06
Direct Assessment = CIE + SEE = A1						2.7
Overall CO attainment = 80% Direct Assessment + 20% Indirect Assessment = A2 A2 = 1.65 + 0.40						2.05

CO CONTRIBUTION TO PROGRAMME OUTCOMES (CO PO Attainment)

PO Attainment = (weighted average value of PO x A2) / 3

Course Code	A2	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CH91105	2.05	2.5	2.0	2.35	1.55	2.64	2.0	1.5	1.65	1.55	2.5
CO contribution to PO OR COPO Attainment		1.71	1.37	1.61	1.06	1.80	1.37	0.67	1.13	1.06	1.71
Over all PO Attainment		1.35									


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 COURSE ASSESSMENT SHEET FOR 2023-24

Course Name: Inorganic Chemistry
 Course Code: CH91106
 Credit: 4
 Name of Faculty: Dr. Nitish Gupta

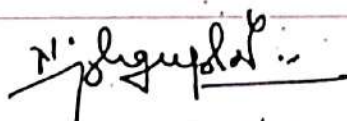
SUMMARY OF COURSE OUTCOME ATTAINMENT USING (DIRECT & INDIRECT) TOOLS

Tool	CO1	CO2	CO3	CO4	CO5	Average
Indirect Assessment	2.5	2.5	2.20	2.0	1.75	2.19
Direct Assessment = CIE + SEE = A1						2.7
Overall CO attainment = 80% Direct Assessment + 20% Indirect Assessment = A2 A2 = 2.16 + 0.44						2.6

CO CONTRIBUTION TO PROGRAMME OUTCOMES (CO PO Attainment)

PO Attainment = (weighted average value of PO x A2) /3

Course Code	A2	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CH91105	2.60	2.65	2.3	2.5	1.64	1.64	2.0	1.21	1.25	1.55	2.5
CO contribution to PO OR COPO Attainment		2.29	1.99	2.17	1.42	1.42	1.73	1.08	1.08	1.34	2.17
Over all PO Attainment		1.67									



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COURSE ASSESSMENT SHEET FOR 2023-24

Course Name: Analytical Chemistry
Course Code: CH91107
Credit: 4
Name of Faculty: Dr.Urmila Raghuvanshi

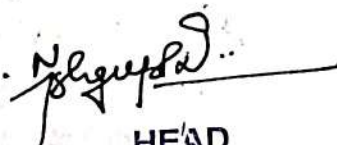
SUMMARY OF COURSE OUTCOME ATTAINMENT USING (DIRECT &INDIRECT) TOOLS

Tool	CO1	CO2	CO3	CO4	CO5	Average
Indirect Assessment	2.5	2.5	1.75	1.75	2.5	2.20
Direct Assessment = CIE + SEE = A1						03
Overall CO attainment = 80% Direct Assessment + 20% Indirect Assessment = A2 A2 = 2.4 + 0.44						2.84

CO CONTRIBUTION TO PROGRAMME OUTCOMES
(CO PO Attainment)

PO Attainment = (weighted average value of PO x A2) /3

Course Code	A2	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CH91108	2.84	2.5	1.5	1.8	1.5	1.5	1.5	2.0	2.0	1.5	2.0
CO contribution to PO OR COPO Attainment		2.37	1.42	1.71	1.42	1.42	1.42	1.89	1.89	1.42	1.89
1.69											



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 COURSE ASSESSMENT SHEET FOR 2023-24

Course Name: Chemistry of Engineering Materials
 Course Code: CH91108
 Credit: 4
 Name of Faculty: Mrs. Snehlata Soni

SUMMARY OF COURSE OUTCOME ATTAINMENT USING (DIRECT & INDIRECT) TOOLS

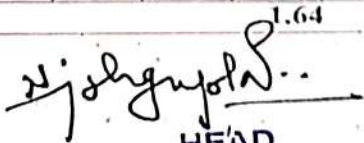
Tool	CO1	CO2	CO3	CO4	CO5	Average
Indirect Assessment	2.5	2.5	2.5	1.75	2.5	2.35
Direct Assessment = CIE + SEE = A1						2.8
Overall CO attainment = 80% Direct Assessment + 20% Indirect Assessment = A2 A2 = 2.24 + 0.47						2.71

CO CONTRIBUTION TO PROGRAMME OUTCOMES

(CO PO Attainment)

PO Attainment = (weighted average value of PO x A2) / 3

Course Code	A2	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CH91108	2.71	2.5	1.5	2.0	1.5	2.5	1.5	1.8	1.8	1.5	1.5
CO contribution to PO OR COPO Attainment		2.25	1.36	1.81	1.36	2.25	1.36	1.63	1.63	1.36	1.36
											1.64


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COURSE ASSESSMENT SHEET FOR 2023-24

M.Sc. II SEMESTER

Course Name: Organic Chemistry
Course Code: CH91205
Credit:4
Name of Faculty: Mr. Krishnapal S. Solanki

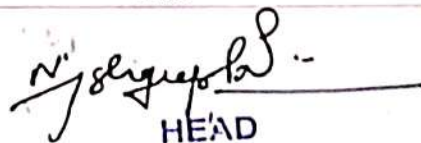
SUMMARY OF COURSE OUTCOME ATTAINMENT USING (DIRECT & INDIRECT) TOOLS

Tool	CO1	CO2	CO3	CO4	CO5	Average
Indirect Assessment	2.5	2.5	1.75	1.75	1.5	2.0
Direct Assessment = CIE + SEE = A1						2.9
Overall CO attainment = 80% Direct Assessment + 20% Indirect Assessment = A2 A2 = 2.32 + 0.40						2.72

CO CONTRIBUTION TO PROGRAMME OUTCOMES (CO PO Attainment)

PO Attainment = (weighted average value of PO x A2) /3

Course Code	A2	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CH91106	2.72	2.0	2.0	1.5	1.5	1.5	2.5	2.0	2.0	1.5	2.0
CO Contribution To PO(OR) COPO Attainment (A2*PO/3)		1.81	1.81	1.36	1.36	1.36	2.26	1.81	1.81	1.36	1.81
		1.68									


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COURSE ASSESSMENT SHEET FOR 2023-24

Course Name: Modern Analytical Methods
Course Code: CH91206
Credit:4
Name of Faculty: Dr. Urmila Raghuvanshi

SUMMARY OF COURSE OUTCOME ATTAINMENT USING (DIRECT & INDIRECT) TOOLS

Tool	CO1	CO2	CO3	CO4	CO5	Average
Indirect Assessment	2.5	2.5	1.75	1.75	1.5	2.0
Direct Assessment = CIE + SEE = A1						2.9
Overall CO attainment = 80% Direct Assessment + 20% Indirect Assessment = A2 A2 = 2.32 + 0.40						2.72

CO CONTRIBUTION TO PROGRAMME OUTCOMES (CO PO Attainment)

PO Attainment = (weighted average value of PO x A2) /3

Course Code	A2	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CH91105	2.68	2.5	1.5	1.5	1.64	1.64	2.0	1.5	2.0	1.5	2.5
CO contribution to PO OR COPO Attainment		2.23	1.34	1.34	1.47	1.47	1.77	1.34	1.77	1.34	2.23
Over all PO Attainment	1.63										


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COURSE ASSESSMENT SHEET FOR 2023-24

Course Name: Natural Products

Course Code: CH91207

Credit:4

Name of Faculty: Dr. Vishvajet S. Yadav

SUMMARY OF COURSE OUTCOME ATTAINMENT USING (DIRECT
&INDIRECT) TOOLS

Tool	CO1	CO2	CO3	CO4	CO5	Average
Indirect Assessment	2.5	2.5	1.75	1.75	1.5	2.0
Direct Assessment = CIE + SEE = A1						2.9
Overall CO attainment = 80% Direct Assessment + 20% Indirect Assessment = A2 A2 = 2.32 + 0.40						2.72

CO CONTRIBUTION TO PROGRAMME OUTCOMES (CO PO Attainment)

PO Attainment = (weighted average value of PO x A2) /3

Course Code	A2	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CH91105	2.72	2.5	2.0	1.5	1.64	1.64	1.5	1.0	1.5	1.0	2.5
CO contribution to PO OR COPO Attainment		2.26	1.81	1.36	1.49	1.49	1.36	0.90	1.36	0.90	2.26
Over all PO Attainment		1.52									



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COURSE ASSESSMENT SHEET FOR 2023-24

Course Name: Chemistry of Drugs - I
Course Code: CH91209
Credit:4
Name of Faculty: Dr. Nitish Gupta

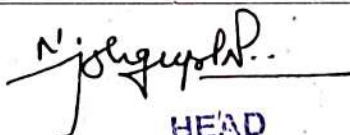
SUMMARY OF COURSE OUTCOME ATTAINMENT USING (DIRECT & INDIRECT) TOOLS

Tool	CO1	CO2	CO3	CO4	CO5	Average
Indirect Assessment	2.5	2.5	2.5	2.0	1.5	2.2
Direct Assessment = CIE + SEE = A1						2.9
Overall CO attainment = 80% Direct Assessment + 20% Indirect Assessment = A2 A2 = 2.32 + 0.44						2.76

CO CONTRIBUTION TO PROGRAMME OUTCOMES (CO PO Attainment)

PO Attainment = (weighted average value of PO x A2) /3

Course Code	A2	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CH91105	2.76	2.5	2.0	2.0	2.0	1.5	2.0	1.5	1.5	1.0	2.5
CO contribution to PO OR COPO Attainment		2.3	1.84	1.84	1.84	1.38	1.84	1.38	1.38	0.92	2.3
Over all PO Attainment	1.70										



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