

Department of Chemistry

Shri G.S. Institute of Technology & Science, Indore

COURSE ASSESSMENT SHEET FOR 2021-22

M.Sc. I SEMESTER

Course Name - Physical Chemistry

Course Code -CH91105

Credit- 4

Corresponding lab course name- Nil Name of the Faculty: Dr. Shailey Gupta

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

Tool	CO1	CO2	CO3	CO4	CO5	Average
Indirect Assessment	2.25	2.5	2.25	2	1.75	2.15
Direct Assessment = CIE + SEE = A1						3
Overall CO attainment = 80% Direct Assessment + 20% Indirect Assessment = A2 A2 = 2.4 + 0.43						2.83

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	2.83										
CO contribution to PO OR COPO Attainment		1.89	1.51	0.94	0.57	0.57	1.70	0.19	1.13	0.57	1.89
	1.096										

Department of Chemistry

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M.Sc. I SEMESTER

Course Name – Analytical Chemistry **Course Code -CH91107**

Credit- 4

Corresponding lab course name- Nil

Name of the Faculty : Dr.Urmila Raghuvanshi

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

Tool	CO1	CO2	CO3	CO4	CO5	Average
Indirect Assessment	2.25	2.5	1.5	2	2	2.19
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
CH91107	2.84	2	2	2	1.2	0.8	2	1.2	1.8	1.2	2
CO contribution to PO OR COPO Attainment											
		1.89	1.89	1.89	1.14	0.76	1.89	1.14	1.70	1.14	1.89
	1.533										

Shri G.S. Institute of Technology & Science, Indore

COURSE ASSESSMENT SHEET FOR 2021-22

M.Sc. I SEMESTER

Course Name – Chemistry of Engineering Materials Course Code -CH91108

Credit- 4

Corresponding lab course name- Nil

Name of the Faculty: Dr. Madhavi Verma

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

Tool	CO1	CO2	CO3	CO4	CO5	Average
Indirect Assessment	2	2.5	1.75	1.75	1.5	2.38
Direct Assessment = CIE + SEE = A1						03
Overall CO attainment = 80% Direct Assessment + 20% Indirect						2.88

CO CONTRIBUTION TO PROGRAMME OUTCOMES
(CO PO Attainment)

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

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COURSE ASSESSMENT SHEET FOR 2021-22

M.Sc. II SEMESTER

Course Name – Organic Chemistry **Course Code -CH91205**

Credit- 4

Corresponding lab course name-Nil Name of the Faculty : Dr. Nitin S. Sapre

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

Tool	CO1	CO2	CO3	CO4	CO5	Average
Indirect Assessment	2.5	1.5	2.25	1.5	2	1.95
Direct Assessment = CIE + SEE = A1						2.3
Overall CO attainment = 80% Direct Assessment + 20% Indirect Assessment = A2						2.23
A2 = 1.84 + 0.39						

**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
CH91205	2.23	2	1.4	1.2	0.2	0.2	1	0.4	1	1	1.8
CO contribution to PO OR COPO Attainment		1.49	1.04	0.89	0.15	0.15	0.74	0.30	0.74	0.74	1.34
	0.758										

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COURSE ASSESSMENT SHEET FOR 2021-22

M.Sc. II SEMESTER

Course Name – Natural Products Course Code -CH91207

Credit- 4

Corresponding lab course name- Nil

Name of the Faculty : Dr. Madhavi Verma

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

Tool	CO1	CO2	CO3	CO4	CO5	Average
Indirect Assessment	2.5	2.5	2	2.25	1.5	2.15
Direct Assessment = CIE + SEE = A1						03
Overall CO attainment = 80% Direct Assessment + 20% Indirect Assessment = A2 A2 = 2.4 + 0.43						2.83

**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
CH91207	2.83	1	1	1	0.6	1	1	1	1	0.6	2
CO contribution to PO OR COPO Attainment		0.94	0.94	0.94	0.57	0.94	0.94	0.94	0.94	0.57	1.89
	0.962										

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COURSE ASSESSMENT SHEET FOR 2021-22

M.Sc. II SEMESTER

Course Name –Chemistry of Drugs - I Course Code -CH91209

Credit- 4

Corresponding lab course name- Nil

Name of the Faculty : Dr. Nitish Gupta

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

Tool	CO1	CO2	CO3	CO4	CO5	Average
Indirect Assessment	2	2.25	2.25	2.25	1.5	2.05
Direct Assessment = CIE + SEE = A1						03
Overall CO attainment = 80% Direct Assessment + 20% Indirect Assessment = A2 A2 = 2.4+ 0.41						2.81

**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
CH91209		1.2	1	1.2	0.8	0.8	1.2	0.8	2	0.8	2
CO contribution to PO OR COPO Attainment											
		1.12	0.94	1.12	0.75	0.75	1.12	0.75	1.87	0.75	1.87
	1.105										

Course Code	A2	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CH91305	2.79	1	1	0.8	0.8	0.6	1	0.4	1	0.4	1.4
CO contribution to PO OR											
COPO Attainment		0.93	0.93	0.74	0.74	0.56	0.93	0.37	0.93	0.37	1.30
	0.782										

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

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COURSE ASSESSMENT SHEET FOR 2021-22

M.Sc. III SEMESTER

Course Name –Computer Applications in ChemistryCourse Code -CH91307

Credit- 4

Corresponding lab course name- Nil

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

Tool	CO1	CO2	CO3	CO4	CO5	Average
Indirect Assessment	2	2.5	2	1.75	1.5	1.95
Direct Assessment = CIE + SEE = A1						03
Overall CO attainment = 80% Direct Assessment + 20% Indirect						2.79

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
CH91307	2.79	2	1	1.6	0.2	0.4	1	1	2	1	2
CO contribution to PO OR COPO Attainment											
	1.135										

Shri G.S. Institute of Technology & Science, Indore

COURSE ASSESSMENT SHEET FOR 2021-22

M.Sc. III SEMESTER

Course Name – Advanced Organic and Medicinal Chemistry

Course Code -CH91308

Credit- 4

Corresponding lab course name- Nil

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

Tool	CO1	CO2	CO3	CO4	CO5	Average
Indirect Assessment	2	2	1.75	2	2	1.95
Direct Assessment = CIE + SEE = A1						03
Overall CO attainment = 80% Direct Assessment + 20% Indirect Assessment = A2 A2 = 2.4+0.39						2.79

CO CONTRIBUTION TO PROGRAMME OUTCOMES (CO PO Attainment)

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

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