



जम्मू केंद्रीय विश्वविद्यालय

Central University of Jammu

राया - सूचानी (बागला) जिला सांबा - 181143 जम्मू जम्मू एवं कश्मीर
Rahya - Suchani (Bagla), District Samba - 181143, Jammu (J&K)

No. CUJ/Acad./II-14/7/2022/609

10th October, 2022

NOTIFICATION No. 158/2022

Sub: Course Scheme and Syllabus Notification of Semester I & II of Integrated B.Sc. / B.Sc. (Hons) – M.Sc. Chemistry w.e.f. Academic session 2022 – 23 – Reg.

Ref: Notification No. 106/2022 dated 26.07.2022

In supersession to notification under reference, it is hereby notified for the information of all concerned that on the recommendations of the Board of Studies, Department of Chemistry and Chemical Sciences, and Dean, School of Basic & Applied Sciences, the Competent Authority in anticipation of ratification of Academic Council has approved the **Course Scheme and Syllabus of semester I & II of Integrated B.Sc. / B.Sc. (Hons) – M.Sc. Chemistry** w.e.f. Academic Session 2022 – 23. The approved Course Scheme and syllabus is as under:

Semester – I

Course Code	Course Title	Credit	CIA	MSE	ESE	Max. Marks
Core Courses						
ICHE1C 001T	Inorganic Chemistry – I (Theory + Practicals)	4	25	25	50	100
ICHE1C 002T	Organic Chemistry - I (Theory + Practicals)	4	25	25	50	100
Skill Enhancement Course (SEC)						
ICHE1C003T	Laboratory Safety and Utility Tools	2	12.5	12.5	25	50
Ability Enhancement Course (AEC)						
ICHE1C004T	English for Professional Communication Skills	2	12.5	12.5	25	50
Open Elective Courses						
#	Open Elective Course-I	4	25	25	50	100
#	Open Elective Course-II	4	25	25	50	100
Total		20	-	-	-	500

Semester – II

Course Code	Course Title	Credit	CIA	MSE	ESE	Max. Marks
Core Courses						
ICHE1C 005T	Physical Chemistry – I (Theory + Practicals)	4	25	25	50	100
ICHE1C 006T	Inorganic Chemistry – II (Theory + Practicals)	4	25	25	50	100
Skill Enhancement Course (SEC)						
#	Any Courses from the approved basket or by MOOC on SWAYAM platform	2	12.5	12.5	25	50
Value Added Course (VAC)						
#	Any Courses from the approved basket or by MOOC on SWAYAM platform	2	12.5	12.5	25	50
Open Elective Courses						
#	Open Elective Course-III	4	25	25	50	100
#	Open Elective Course-IV	4	25	25	50	100
Total		20	-	-	-	500

as provided by concerned Department / Swayam portal

List of Open Elective Courses offered by Department of Chemistry to other Departments

Sr. No.	Level (UG/PG)	Course Code	Course Name	Nature of Open Elective	Credit	CIA	MSE	ESE	Max. Marks
1.	UG/PG	ICHE1O001T	Fundamentals of Organic Chemistry -I	OEC	4	25	25	50	100
2.	UG/PG	ICHE1O002T	Introduction to Green Chemistry	OEC	4	25	25	50	100
3.	UG/PG	ICHE1O003T	Introduction to Computational Chemistry	OEC	4	25	25	50	100
4.	UG/PG	ICHE1O004T	Coordination Chemistry	OEC	4	25	25	50	100



(Dr. Yashwant Singh)

Registrar(I/c)

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01923-249658

Encl:

Syllabus of semester I & II of Integrated B.Sc. / B.Sc. (Hons) – M.Sc. Chemistry

To:

Head, Department of Chemistry and Chemical Sciences

Copy to:

Controller of Examinations