



# 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 450

26<sup>th</sup> July, 2022

**NOTIFICATION No. 107/2022**

**Sub:** Course Scheme and Syllabus Notification of Semester V & VI of 5 year Integrated B.Sc. (Hons.) – M.Sc. Chemistry w.e.f. Academic session 2022 – 23 – Reg.

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 Hon'ble Vice Chancellor in anticipation of ratification of Academic Council has approved the **Course Scheme and Syllabus of semester V & VI of Integrated B.Sc. (Hons.) – M.Sc. Chemistry** w.e.f. Academic Session 2022 – 23. The approved Course Scheme and syllabus is as under:

### Semester – V

Course Code	Course Title	Credit	CIA	MSE	ESE	Max. Marks
<b>Core Courses</b>						
ICCHM5C 003T	Organic Chemistry – IV	4	25	25	50	100
ICCHM5C 004T	Physical Chemistry – IV	4	25	25	50	100
ICCHM5C 002L	Organic Chemistry Lab – IV	2	25	-	25	50
ICCHM5C 003L	Physical Chemistry Lab – IV	2	25	-	25	50
<b>Discipline Specific Elective Courses</b>						
ICCHM5E003T	Natural Products Chemistry	4	25	25	50	100
ICCHM5E004T	Properties of Inorganic Metal Complexes	4	25	25	50	100
ICCHM5E002L	Applied Chemistry	4	25	25	50	100
ICCHM5E003L	Applied Chemistry Lab	2	25	-	25	50
<b>Total</b>		<b>26</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>650</b>

### Semester – VI

Course Code	Course Title	Credit	CIA	MSE	ESE	Max. Marks
<b>Core Courses</b>						
ICCHM6C003T	Organic Chemistry – V	4	25	25	50	100
ICCHM6C004T	Physical Chemistry – V	4	25	25	50	100
ICCHM6C001L	Organic Chemistry Lab – V	2	25	-	25	50
ICCHM6C002L	Physical Chemistry Lab – V	2	25	-	25	50
<b>Discipline Specific Elective Courses</b>						
ICCHM6E003T	Selected Topics in Inorganic Chemistry	4	25	25	50	100
ICCHM6E001D	Project/Dissertation	6	-	-	-	150
<b>Total</b>		<b>22</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>550</b>

  
(Dr. Yashwant Singh)

Registrar(I/c)

registrar@cuammu.ac.in

01923-249658

Encl:

Syllabus of semester V & VI of Integrated B.Sc. (Hons.) – M.Sc. Chemistry

To:

Head, Department of Chemistry and Chemical Sciences

Copy to:

Controller of Examinations