



Integrated Bachelors & Masters Programmes
B.Sc. Applied Chemistry, Semester II

Course Code	IS02CMTS52	Title of the Course	Materials Science Practicals-II
Total Credits of the Course	1	Hours per Week	2 hrs

Course Objectives:	<ol style="list-style-type: none">1. To learn about the purification methods of materials.2. To get knowledge on separation methods of materials.3. Hands-on-training on vacuum system
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Course Content		
Sr. No.	Description/Aim	Weightage* (%)
1.	Basic laboratory techniques for purification of materials	100
2.	Methods for separation of different types of materials	
3.	Estimation of moisture content and ash content	
4.	Generation and measurement of reduced pressure	

Teaching-Learning Methodology	Laboratory practicals with demonstration of the procedure related to each practicals.
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Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weightage
1.	Internal Written / Practical Examination (As per CBCS R.6.8.3)	15%
2.	Internal Continuous Assessment in the form of Practical, Viva-voce, Quizzes, Seminars, Assignments, Attendance (As per CBCS R.6.8.3)	15%
3.	University Examination	70%





Course Outcomes: Having completed this course, the learner will be able to

1.	Understand the importance of separation and purification methods
2.	Get acquainted with preliminary testing of materials
3.	Handle equipment properly

