

Lecture Plan

Name of the college: Government College of Arts, Science & Commerce, Sankhali Goa

Name of Faculty: Dr. Rajesh R. Parvatkar

Subject: Chemistry

Paper code: Project CHP

Program: TY BSc

Division:

Academic year: 2024 - 2025

Semester: V

Total Lectures: 30

Course Objectives:

- To impart the skills in laboratory techniques and research methodology in Natural Product synthetic organic chemistry.

Expected Course Outcome:

Students will be able to propose the topics of research in natural product and synthetic organic chemistry.

Student Learning Outcome:

- Students will be able to demonstrate isolation procedures for various natural products using various extraction methods
- Students will be able to carry out the organic preparation involving various reaction types
- Students will be able to use various spectroscopy and chromatographic method of analysis.

Month	Lecture From	No. of lectures allotted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference books
June	28/06/2024-29/06/2024	2	Discussion and Selection of of students	-	-	-
July	01/07/2024-06/07/2024	2	Introduction to project course			
July	08/07/2024-13/07/2024	2	Introduction and overall instructions	-	-	-
July	15/07/2024-20/07/2024	2	Selection of topic	-	-	-
July	22/07/2024-27/07/2024	2	Literature search	-	-	-
July /August	29/07/2024-03/08/2024	2	Prepration for experimentals	-	-	-
August	05/08/2024-10/08/2024	2	Experimental	-	-	-
August	12/08/2024-17/08/2024	2	Experimental	-	-	-
August	19/08/2024-24/08/2024	2	Experimental	-	-	-
August	26/08/2024-31/08/2024	2	Experimental			
September	02/09/2024-07/09/2024	2	Experimental	-	-	-

September	09/09/2024-14/09/2024	2	Ganesh Break	-	-	-
September	16/09/2024-21/09/2024	2	Experimental	-	-	-
September	23/09/2024-28/09/2024	2	Experimental	-	-	-
September/October	30/09/2024-05/10/2024	2	Experimental	-	-	-
October	07/10/2024-12/10/2024	2	Experimental	-	-	-
October	14/10/2024-19/10/2024	2	Experimental	-	-	-
October	21/10/2024-22/10/2024	2	Experimental			

*** Assessment Rubrics**

Component	Max Marks
ISA 1	0
ISA 2	0
Practical	0
Project	100

Semester End Exam	0