

Project Plan

Name of the college: Government College of Arts, Science & Commerce, Sanquelim, Goa		
Name of Faculty: Dr. Dattaprasad D. Narulkar	Subject: Project	
Paper code: CHP 307	Program: T.Y.BSc.	Division:
Academic year: 2026 - 2027	Semester: V	Total hours: 30
Credits: 4		
Course Objectives: • Basic research: To gain more comprehensive knowledge or understanding of the subject under study, without specific applications in mind. • Applied research: To gain knowledge or understanding to determine how a specific, recognized need may be met. To discover new scientific knowledge that has specific commercial objectives with respect to products, processes, or services.		
Expected Course Outcome: At the end of the course students will be able: CO1: to design and carry out scientific experiments as well as accurately record and analyse the results of experiments. CO2: to do problem solving, critical thinking and analytical reasoning as applied to scientific problems. CO3: to explore new areas of research in chemistry and allied fields. CO4: to clearly communicate the results of scientific work in oral, written, and electronic formats.		
Student Learning Outcome: At the end of the course students will be able: LO1: to design and carry out scientific experiments as well as accurately record and analyse the results of experiments. LO2: to do problem solving, critical thinking and analytical reasoning as applied to scientific problems. LO3: to explore new areas of research in chemistry and allied fields. LO4: to clearly communicate the results of scientific work in oral, written, and electronic formats.		

Month	Project Scheduled Date		No. of lectures	List of work	Reference
June	22/06/2026	27/06/2026	2	Literature Review	1. Vogel's Text book of practical Inorganic Chemistry, 2. Research Articles
June-July	29/06/2026	04/07/2026	2	Literature Review	
July	06/07/2026	11/07/2026	2	Literature Review	
	13/07/2026	18/07/2026	2	Literature Review	
	20/07/2026	25/07/2026	2	Experimental work	
July-August	27/07/2026	01/08/2026	2	Experimental work	
August	03/08/2026	08/08/2026	2	Experimental work	
	10/08/2026	15/08/2026	2	Experimental work	
	17/08/2026	22/08/2026	2	Experimental work	
	24/08/2026	29/09/2026	2	Experimental work	
August-September	31/08/2026	05/09/2026	2	Experimental work	
September	07/09/2026	12/09/2026	2	Experimental work	
	14/09/2026	19/09/2026	2	Experimental work	
	21/09/2026	26/09/2026	2	Experimental work	
September-October	28/09/2026	03/10/2026	2	Experimental work	
October	05/10/2026	10/10/2026	2	Experimental work	
October	12/10/2026	14/10/2026	2	Experimental work	

* Assessment Rubrics	
Component	Max Marks
ISA	20
Semester End Exam	80
Total	100