

## Project Plan

<b>Name of the college: Government College of Arts, Science &amp; Commerce, Sanquelim, Goa</b>		
<b>Name of Faculty: Dr. Dattaprasad D. Narulkar</b>	<b>Subject: Project</b>	
<b>Paper code: CHP 101</b>	<b>Program: T.Y.BSc.</b>	<b>Division:</b>
<b>Academic year: 2024 - 2025</b>	<b>Semester: V</b>	<b>Total hours: 30</b>
<b>Credits: 4</b>		
<b>Course Objectives:</b>		
<ul style="list-style-type: none"><li>• Basic research: To gain more comprehensive knowledge or understanding of the subject under study, without specific applications in mind.</li><li>• 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.</li></ul>		
<b>Expected Course Outcome:</b>		
At the end of the course students will be able:		
<b>CO1:</b> to design and carry out scientific experiments as well as accurately record and analyse the results of experiments.		
<b>CO2:</b> to do problem solving, critical thinking and analytical reasoning as applied to scientific problems.		
<b>CO3:</b> to explore new areas of research in chemistry and allied fields.		
<b>CO4:</b> to clearly communicate the results of scientific work in oral, written, and electronic formats.		
<b>Student Learning Outcome:</b>		
At the end of the course students will be able:		
<b>LO1:</b> to design and carry out scientific experiments as well as accurately record and analyse the results of experiments.		
<b>LO2:</b> to do problem solving, critical thinking and analytical reasoning as applied to scientific problems.		
<b>LO3:</b> to explore new areas of research in chemistry and allied fields.		
<b>LO4:</b> 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
July	06-07-2024	2	Orientation: Explanation about the research project	1. Vogel's Text book of practical Inorganic Chemistry, 2. Research Articles
	13-07-2024	2	Explanation about the research articles and how to do Literature search using different e-sources	
	20-07-2024	2	Topic selection and Literature search	
	27-07-2024	2	Literature search; Reaction calculation	
August	03-08-2024	2	Experimental work	
	10-08-2024	2	Experimental work	
	17-08-2024	2	Experimental work	
	24-08-2024	2	Experimental work	
September	01-09-2024	2	Experimental work	
	07-09-2024	2	Ganesh Chaturthi break	
	14-09-2024	2	Experimental work	
	21-09-2024	2	Experimental work	
	28-09-2024	2	Experimental work	
October	05-10-2024	2	Experimental work	
	12-10-2024	2	Experimental work	
	19-10-2024	2	Experimental work	