

Semester Lecture Plan

Name of the college: Government College of Arts, Science & Commerce, Sanquelim-Goa							
Name of Faculty: DATTARAJ JAWDEKAR				Subject: Geology			
Paper code: GEO 301			Program/Course: Structural Geology			Division:	
Academic year: 2026 – 2027			Semester: V			Total Lectures: 45	
The objectives of this course are to: 1. The objectives of this course are to: 2. Illustrate the concept of stress, strain and rock deformation. CL2 3. Classify folds, faults, lineations, joints and unconformities. CL2 4. Infer structures from geological data. CL2							
At the end of the course the student will be able to: 1. Identify the kinds of folds, faults, lineations, foliations, joints and unconformities. CL3 2. Interpret the geological history based on shear sense indicators. CL3 3. Draw and describe geological maps. CL2 4. Compare and Contrast between Ductile and Brittle deformation. CL3							
Month	Lectures From: To:		No. of lectures allotted	Topic, Subtopic to be covered	Learning outcome	ICT Tools	Reference books

MONTH	LECTURE		No. of lectures allotted	Topic, Subtopic to be covered	Learning outcome	ICT Tools	Reference books
	FROM	TO					
JUNE	19/06/2026	20/06/2026	0				
	22/06/2026	27/06/2026	1	MAP 1		Chalk and Board	STRUCTURAL GEOLOGY BY M.P. BILLINGS
JULY	01/07/2026	04/07/2026	1	MAP 1		Chalk and Board	STRUCTURAL GEOLOGY BY M.P. BILLINGS
	6/07/2026	11/07/2026	1	MAP 2		Chalk and Board	STRUCTURAL GEOLOGY BY M.P. BILLINGS
	13/07/2026	18/07/2026	1	MAP 3		Chalk and Board	STRUCTURAL GEOLOGY BY M.P. BILLINGS
	20/07/2026	25/07/2026	1	MAP 4		Chalk and Board	STRUCTURAL GEOLOGY BY M.P. BILLINGS
JULY/ AUGUST	27/07/2026	31/07/2026	1	MAP 5		Chalk and Board, Demo	STRUCTURAL GEOLOGY BY M.P. BILLINGS
	03/08/2026	08/08/2026	1	MAP 6		Chalk and Board, Demo	STRUCTURAL GEOLOGY BY M.P. BILLINGS
	10/08/2026	15/08/2026	1	COMPLETION 1		Chalk and Board, Demo	STRUCTURAL GEOLOGY BY M.P. BILLINGS

	17/08/2026	22/08/2026	1	COMPLETION 2		Chalk and Board, Demo	STRUCTURAL GEOLOGY BY M.P. BILLINGS
	24/08/2026	28/08/2026	1	COMPLETION 3		Chalk and Board, Demo	STRUCTURAL GEOLOGY BY M.P. BILLINGS
SEPTEMBER	31/08/2026	5/9/2026	1	COMPLETION 4		Chalk and Board, Demo, Fieldwork	STRUCTURAL GEOLOGY BY M.P. BILLINGS
	07/09/2026	12/09/2026	1	PROBLEMS BASED ON STEREOGRAPHIC P		Chalk and Board, Demo, Fieldwork, Videos	STRUCTURAL GEOLOGY BY M.P. BILLINGS
	21/09/2026	26/09/2026	1	PROBLEMS BASED ON STEREOGRAPHIC P		Chalk and Board, Demo	STRUCTURAL GEOLOGY BY M.P. BILLINGS
	28/09/2026	30/09/2026	1	PROBLEMS BASED ON STEREOGRAPHIC P		Chalk and Board, Demo	STRUCTURAL GEOLOGY BY M.P. BILLINGS
OCTOBER	01/10/2026	03/10/2026	1	PROBLEMS BASED ON STEREOGRAPHIC P		Chalk and Board, Demo	STRUCTURAL GEOLOGY BY M.P. BILLINGS
	05/10/2026	10/10/2026	1	SHEAR SENSE Indicators		Chalk and Board, Demo	STRUCTURAL GEOLOGY BY M.P. BILLINGS
	12/10/2026	14/10/2026	1	SHEAR SENSE Indicators		Chalk and Board, Demo	STRUCTURAL GEOLOGY BY M.P. BILLINGS

*** Assessment Rubrics**

Component	Max Marks
ISA 1	
ISA 2	
Practical	25
Project	-
Semester End Exam	