

Semester Practical Plan						
Name of the college: Government College of Arts, Science & Commerce, Sanquelim, Goa-India						
Name of Faculty: Brahmanand N Sawant				Subject: Geology		
Paper code: GEO201- PRINCIPLES OF STRATIGRAPHY AND PALEONTOLOGY				Program/Course: Sy B.Sc.		Division:
Academic year: 2024 - 2025				Semester: III		Total Practicals: 15
Course Objectives: 1. Students will acquire knowledge about stratigraphic principles. 2. Students will acquire knowledge about occurrence of fossils in different Indian Formations						
Course Learning Outcome: 1. Students will be able to apply these stratigraphic principles during field investigations. 2. Students will be able to identify and classify common fossils.						
Month	Lectures From: To:		No. of Practicals allotted	Topic, Subtopic to be covered	ICT Tools	Reference books
JUNE	28/06/2024	6/7/2024	01	Mollusca, Class: Bivalvia Eamples: Meretrix, Arca, Donax, Pecten, Cardium	PPT	The Elements of Palaeontology by Rhona Black
	8/7/2024	13/7/2024	01	Mollusca, Class: Bivalvia Eamples: Unio, Ostrea, Gryphaea, Exogyra, Lopha		
	15/7/2024	20/7/2024	1	Mollusca, Class: Bivalvia Eamples:, Mytilus, Megalodon, Inoceramus, Pholadomya, Plicatula		The Elements of Palaeontology by Rhona Black;

JULY/August	22/7/2024	27/7/2024	01	Mollusca, Class: Gastropoda Eamples: Turritella, Turbo, Trochus	PPT	The Elements of Palaeontology by Rhona Black
	28/7/2024	3/8/2024	01	Mollusca, Class: Gastropoda Eamples: Murex, Cyprea, Nerita, Cerithium, Babylonia	PPT	
	5/8/2024	10/8/2024	01	Phylum: Brachiopoda Example: Terebratula, Rhynchonella	PPT	
	12/8/2024	17/8/2024	01	Phylum: Echinodermata Class: Echinoidea Ex. Echinus, Micraster	PPT	
	19/8/2024	24/8/2024	01	Mollusca, Class: Cephalopoda Eamples: Nautilus, Ammonoite, Belemnite	PPT	

August/ September	26/8/2024	31/8/2024	01	Phylum: Echinodermata Class: Crinoidea Ex. Encrinus, Onychocrinus	PPT
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	2/09/2024	7/9/2024	01	Phylum: Arthropoda Ex. Trilobite	PPT	
	16/9/2024	21/09/2024	01	Study of plant fossils: Glossopteris & Cordaites	PPT	
September	23/09/2024	28/09/2024	01	Phylum: Protozoa Order: Foraminifera Ex. Nummulite, Alveolina	PPT	
September	30/09/2024	05/10/2024	01	Plotting Dharwar Super Group	PPT	The Elements of Palaeontology by Rhona Black
October	07/10/2024	12/10/2024	01	Plotting Cuddapha Super Group	PPT	The Elements of Palaeontology by Rhona Blackrocks by Maurice E Tucker

October	14/10/2024	19/10/2024	01	Plotting Kaladgi Group Plotting Cuddapha Super Group Plotting Goa Group	PPT	The Elements of Palaeontology by Rhona Black
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	Component	Max Marks
	SEE Practical	25
Assessment Rubrics	ISA I	7.5
	ISA II	7.5
	ISA III	7.5 (Best 2 are considered)
	SEE Exam	60
	Total	100