

		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: 2025 - 2026				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 lectures allotted	Topic, Subtopic to be covered	ICT Tools	Reference books	
JUNE	18/06/2025	28/6/2025	01	Description of fossils in hand specimen	PPT	The Elements of Palaeontology by Rhona Black	
				Meretrix, Donax, Pholodomya			
	30/6/2025	05/7/2025	01	Description of fossils in hand specimen	Powerpoint Presentation		
				Arca, Cardium, Mytilus			
	7/7/2025	12/7/2025	1	Description of fossils in hand specimen	Powerpoint presentation	The Elements of Palaeontology by Rhona Black;	
				Unio, Gryphaea, Exogyra			

JULY/AUGUST	14/7/2025	19/7/2025	01	Description of gastropod fossils in hand specimen Murex, Turbo	PPT	The Elements of Palaeontology by Rhona Black
	21/7/2025	26/7/2025	01	Description of gastropod fossils in hand specimen Turritella, Trochus	PPT	
	28/7/2025	2/8/2025	01	Description of gastropod fossils in hand specimen Cypraea, Nerita	PPT	
	4/8/2025	09/8/2025	01	Description of gastropod fossils in hand specimen Cerithium, Babylonia	PPT	
	11/8/2025	16/8/2025	01	Description of Cephalopod fossils in hand specimen Nautilus Belemnoids	PPT	
August/ September	18/8/2025	23/8/2025	01	Description of gastropod fossils in hand specimen Ammonoids	PPT	

	25/08/2025	06/9/2025	01	Description of Echinoderm fossils in hand specimen Echinus, Crinoids	PPT	
	8/9/2024	13/09/2025	01	Description of Brachiopod fossils in hand specimen Rhynchonella, Terebratula	PPT	
September	15/09/2025	20/09/2025	01	Description of Gondwana flora fossils in hand specimen Ptillophylum, Cordiates	PPT	
September	22/09/2025	27/09/2025	01	Stratigraphic Correlation problems	PPT	The Elements of Palaeontology by Rhona Black
October			01	Stratigraphic Correlation Problems	PPT	The Elements of Palaeontology by Rhona Blackrocks by Maurice E Tucker

	29/09/2025	4/10/2025				
October	6/10/2025	11/10/2025	01	Revision	PPT	The Elements of Palaeontology by Rhona Black
October	13/10/2025	18/10/2025	01	Revision	PPT	

COMPONENT	MAXIMUM MARKS
ISA I	07.5
ISA II	7.5
ISA III	7.5
PRACTICAL	25
SEMESTER END EXAM	60
TOTAL	100