

		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: 2026 - 2027			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	22/06/2026	27/6/2026	01	Description of fossils in hand specimen	PPT	The Elements of Palaeontology by Rhona Black	
				Meretrix, Donax, Pholodomya			
	29/6/2026	04/7/2026	01	Description of fossils in hand specimen	Powerpoint Presentation		
				Arca, Cardium, Mytilus			
	6/7/2026	11/7/2026	1	Description of fossils in hand specimen	Powerpoint presentation	The Elements of Palaeontology by Rhona Black;	
				Unio, Gryphaea, Exogyra			

JULY/AUGUST	13/7/2026	18/7/2026	01	Description of gastropod fossils in hand specimen Murex, Turbo	PPT	The Elements of Palaeontology by Rhona Black
	20/7/2026	25/7/2026	01	Description of gastropod fossils in hand specimen Turritella, Trochus	PPT	
	27/7/2026	1/8/2026	01	Description of gastropod fossils in hand specimen Cypraea, Nerita	PPT	
	3/8/2026	08/8/2026	01	Description of gastropod fossils in hand specimen Cerithium, Babylonia	PPT	
	10/8/2026	15/8/2026	01	Description of Cephalopod fossils in hand specimen Nautilus Belemnoids	PPT	
August/ September	17/8/2026	22/8/2026	01	Description of gastropod fossils in hand specimen Ammonoids	PPT	

	24/08/2026	29/8/2026	01	Description of Echinoderm fossils in hand specimen Echinus, Crinoids	PPT	
	31/8/2026	5/09/2026	01	Description of Brachiopod fossils in hand specimen Rhynchonella, Terebratula	PPT	
September	7/09/2026	12/09/2026	01	Description of Gondwana flora fossils in hand specimen Ptillophylum, Cordiates	PPT	
September	14/09/2026	19/09/2026	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

	21/09/2026	26/09/2026				
October	28/09/2026	3/10/2026	01	Revision	PPT	The Elements of Palaeontology by Rhona Black
October	5/10/2026	14/10/2026	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