

		Lecture Plan					
Name of the College: Government College of Arts, Science and Commerce. Sanquelim - Goa							
Name of Faculty: Shritesh Mhapsekar				Subject: Geology			
Paper code: GEO-100, Introduction to Mineralogy and Petrology				Program: BSc		Division:	
Academic year: 2024-25				Semester: II		Total Lectures: 15	
Course Objectives: 1. Discuss the origin, shape, and size of the Earth. CL2 2. Explain the concepts of continental drift and plate tectonics. CL2 3. Demonstrate the symmetry in crystals. CL2 4. Describe minerals and rocks using physical properties. CL2							
Course Outcome: 1. Differentiate the layers of the Earth based on their structure and composition. CL2 2. Identify minerals based on their physical properties. CL3 3. Deduce the symmetry of crystals. CL4 4. Categorize rocks based on their properties. CL4							
Student Learning Outcome:							
Month	Lecture From	Lecture To	No. of lectures allotted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference books

December 9, 2024	December 15, 2024		1	Introduction to Geology;			
December 16, 2024	December 22, 2024			Applications and Career opportunities in Geosciences.			
December 30, 2024	January 5, 2025			Introduction to Planetary Geology, Origin of the earth			
January 6, 2025	January 12, 2025			Nebular Hypothesis; Shape, Size,			
January 13, 2025	January 19, 2025			Structure of the earth,			
January 20, 2025	January 26, 2025			Structure of the earth,			
January 27, 2025	February 2, 2025			Introduction to Plate Tectonics.			
February 3, 2025	February 9, 2025						
February 10, 2025	February 16, 2025						
February 17, 2025	February 23, 2025						
February 24, 2025	March 2, 2025						
March 3, 2025	March 9, 2025						
March 10, 2025	March 16, 2025						
March 17, 2025	March 23, 2025						
March 24, 2025	March 30, 2025						
March 31, 2025	April 6, 2025						
April 7, 2025	April 13, 2025						
		Component	Max Marks				

**Assessment
Rubrics**

ISA 1	7.5
ISA 2	
Practical	
Project	
Semester End Exam	