

			Semester Lecture Plan						
	Name of the college: Government College of Arts, Science & Commerce, Sanquelim -Goa								
	Name of Faculty: Ms. Supriya Gaonkar				Subject: Geography				
	Paper code:GOG-300: Principles of Geomorphology							Division:	
	Academic year: 2025-2026				Semester: V			Total Lectures: 45	
	Course Objectives: The course aims to provide students a thorough understanding of Geomorphology, covering fundamental concepts, historical development, and key contributors to the field. Topics include the meaning and scope of geomorphology, basic principles, Earth's structure, internal and external processes, and the classification of landforms. Special emphasis is placed on coastal and marine landforms, fluvial landforms, and their shaping processes. The course also explores human impacts on landscapes, including anthropogenic geomorphology, effects of land use changes, and strategies for managing geomorphic hazards like floods and landslides. The goal is to provide students with a holistic perspective on how Earth's surface evolves through natural processes and human interactions.								
	Course Learning Outcome: This course will facilitate the students to understand and appreciate the basic concepts in geomorphology, its theories and applications with reference to various geomorphological phenomena.								
Month	Lectures From: To:			No. of lectures allotted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference books	
JUNE		20/06/2025	21/06/2025	03	Introduction to Geomorphology Nature of Geomorphology	Study the meaning of Geomorphology and write its significance	PPT (Power point Presentations)	Introduction to Geomorphology – Vishwas Kale and Avijit Gupta	
JULY		30/06/2025	5/07/2025	03	Fundamental and Basic concepts in Geomorphology	Study the concept of Geomorphology	PPT and BB	Introduction to Geomorphology – Vishwas Kale and Avijit Gupta	

				03	Principles of geomorphology	Learn the concept of Geomorphology	PPT and BB	Geomorphology – Arthur Bloom
		07/7/2025	12/7/2025	03	Historical Development of Geomorphology	Learn different approaches to study landforms	PPT and BB	Introduction to Geomorphology – Vishwas Kale and Avijit Gupta
		14/7/2025	19/7/2025	03	Contributions of Hutton, Strahler, and King to Geomorphology	Study the contribution of Hutton in Geomorphology	PPT and Videos	Introduction to Geomorphology – Vishwas Kale and Avijit Gupta
		21/7/2025	26/07/2025	03	Earth Materials and Processes	Write the application of Geomorphology	PPT and BB	Online Source Introduction to Geomorphology – Vishwas Kale and Avijit Gupta
		28/7/2025	02/08/2025	03	Overview of Earth's structure and composition	Draw a Diagram for Earth Structure	PPT and BB	Introduction to Geomorphology – Vishwas Kale and Avijit Gupta
August		05/08/25	10/8/2025	03	Internal processes- Forces	Draw tree diagram for Internal and External Forces	PPT and BB Videos	Online Source Introduction to Geomorphology – Vishwas Kale and Avijit Gupta
		11/8/2025	16/8/2025	03	Plate Tectonics: Concept, plate margins, types and movements.	Map the major and minor plates and their movement	PPT and BB Videos	Introduction to Geomorphology – Vishwas Kale and Avijit Gupta
		18/8/2025	23/8/2025	03	Mountain Building- Volcanicity, Seismicity, and Tsunami	Read on Geomorphic process	PPT and BB Videos	Online Source Introduction to Geomorphology – Vishwas Kale and Avijit Gupta
						Study types of weathering		Physical Geography -Savindra Singh

		25/8/2025	30/8/2025	03	External processes: Weathering and Erosion		PPT and BB Video	
		1/9/2025	6/09/2025	03	Classification of landforms: (Topographic Classification, Structural Classification, Process-Based Classification, Tectonic Land-forms)	List out different landforms with examples	Videos, PPT PPT and BB Video	Online Source Introduction to Geomorphology – Vishwas Kale and Avijit Gupta
		15/9/2025	20/9/2025	03	Coastal and marine landforms and their Process:(Erosional Coastal Landforms, Depositional Coastal Landforms, Submarine Landforms, Coral Reefs, Estuarine Landforms, Tidal Processes, Sea Level Changes, Human Interaction with Coastal Landforms)	Identify the coastal landform	PPT and BB	Introduction to Geomorphology – Vishwas Kale and Avijit Gupta
September		22/9/2025	27/9/2025	03	Fluvial landforms and processes and their process: (River Channel Morphology, River Valley Formation, River Erosion Processes, River Transportation, River Depositional Landforms, Fluvial Erosion Features, Human Interaction with Rivers)	Draw diagram for riverine landforms	PPT ,Video	Introduction to Geomorphology – Vishwas Kale and Avijit Gupta
		29/9/2025	3/9/2025	03	Human Impact on Landscapes - Anthropogenic Geomorphology Land use changes and their geomorphic effects	Study the impact of land	PPT, Video	Introduction to Geomorphology – Vishwas Kale and Avijit Gupta

		06/10/2025	11/10/2025	03	Mitigation and management of geomorphic hazards	Write an essay on mitigation and management of Geomirphic hazads.	PPT, Video	Introduction to Geomorphology – Vishwas Kale and Avijit Gupta
October		13/10/2024	18/10/2025	03	(Flood, Landslides, Avalanches	Find out the site which affected by flood in India	Videos, PPT	Introduction to Geomorphology – Vishwas Kale and Avijit Gupta

Assessment Rubrics

Component	Max Marks
ISA 1	8
ISA 2	7
Practical	25
Project	NA
Semester End Exam	60

