

Rashtriya Shikshan Sanstha's
Swami Vivekanand Night College of Arts and
Commerce
Dombivli – 421201

COURSE OUTCOMES

Department: GEOGRAPHY

Class: FYBA / Sem - 1

Subject and Paper: Geography Paper – 1

Name of the Paper / course: Fundamentals of Geomorphology

Name of the Faculty: Dr. Sumant Eknath Autade

Module – 1 Geomorphology		
	Course Outcomes	Teaching methods
1.1 Geomorphology - Definition, Scope, branches	1. Can define geomorphology. 2. Student will understand its nature and scope.	PPT presentation and group discussion
1.2. Approaches to the study of Geomorphology	3. Learners explain various approaches to the study of Geomorphology. 4. Learners will understand the chronological changes in the approaches to study Geomorphology.	PPT presentation
1.3 Interior of the Earth,	5. Learners will understand the structure and composition of earth's interior. 6. Learners will be able to relate surface landforms with earth's interior.	PPT Presentation, Demonstration through animated videos
1.4 Wager's theory of continental drift	7. Learners can understand the formation of continents and oceans. 8. Learners will be able to examine Wager's theory critically.	Chalk and Talk method, discussion
1.5 plate tectonics	9. Can understand the plates and plate boundaries. 10. Can identify plate boundaries from world physical map.	PPT Presentation, Demonstration through animated videos
Module – II Geomorphic processes operating on the earth surface		
2.1 Classification of processes responsible for structural changes in the earth surface	1. Understand various processes responsible for landform development.	PPT Presentation, Demonstration through animated videos
2.2 Endogenic and exogenetic forces: Earthquake and Volcanism	2. Distinguish between external and internal forces operating on the earth surface. 3. Explain the causes and effects of earthquakes. 4. Illustrate volcanic eruption and products of volcanic eruption.	Chalk and talk method
2.3 Folding and types of folds	5. Compare between mountain building and continent building crustal movements. 6. Classify fold s and faults based on	PPT presentation

	their characteristics.	
2.4 Faulting and resultant landforms.	7. Identify type of faults from associated landforms. 8. Classify faults.	PPT Presentation, Demonstration through animated videos
2.5. Rocks and Minerals	9. Compare between rocks and minerals. 10. Identify rocks and minerals.	Chalk and talk method, Demonstration of rock fragments of different types
2.6 Types of rocks	11. Describe various types of rocks. 12. Understand formation processes and different rock types.	Chalk and talk method, Demonstration of rock fragments of different types
Module – III Work of River and Glaciers		
3.1 Davis's cycle of erosion	1. Examine Davisian cycle of erosion critically.	Chalk and talk and ppt presentation
3.2 Factors contribution fluvial erosion	2. Understand various processes responsible for fluvial erosion.	Chalk and talk discussion
3.3 Landforms associated with fluvial erosion	3. Identify and name the landform caused by fluvial erosion. 4. Elaborate stages of landform development associated with fluvial erosion.	Chalk and talk method, Demonstration of rock fragments of different types
3.4 Depositional work of rivers: contributing factors and resultant landforms	5. Discuss relationship between river water energy and its deposition work. 6. Explain landforms associated with fluvial deposition.	Chalk and talk method,
3.5 Glaciers and their types	7. Understand glacial landscape and processes. 8. Describe various types of glaciers.	Chalk and talk method, field work
3.6 Factors contributing erosional and depositional work of glaciers	9. Understand forces operating in the glacial erosion.	Chalk and talk method,
3.7 Landforms associated with glacial erosion	10. Identify and explain glacial landforms caused by glacial erosion.	Chalk and talk method, field work
3.8 Landforms associated with glacial deposition	11. Elaborate landforms caused by glacial deposition.	Chalk and talk method, field work
Module – IV Landform development: Work of sea waves, wind and ground water		
4.1 Arid region and work of wind	1. Understand arid landscape and role of wind in landform development therein.	Chalk and talk method,
4.2 Erosional landforms caused by wind	2. Illustrate landforms caused by erosion work of wind. 3. Demonstrate erosional landforms of wind diagrammatically.	PPT Presentation, Demonstration through animated videos
4.3 Depositional landforms developed by wind	4. Establish relationship between wind velocity and depositional landforms in arid region.	PPT Presentation, Demonstration through animated videos
4.4 Sea waves: erosional landforms	5. Understand coastal dynamics and role of sea waves in it. 6. Elaborate processes operating in the coastal erosion. 7. Identify landforms caused by sea wave erosion.	PPT Presentation, Demonstration through animated videos
4.5 Depositional landforms	8. Identify landforms caused by	PPT Presentation,

caused by sea waves	depositional work of sea waves. 9. Differentiate landforms caused by sea wave erosion and deposition.	Demonstration through animated videos
4.6 Karst topography	10. Understand work of groundwater in limestone topography. 11. Identify landforms caused by deposition and erosion work of groundwater.	PPT Presentation, Demonstration through animated videos
Module – V Practical Geography		
5.1 Contours – meaning and characteristics	1. Describe and define contours. 2. Elaborate characteristics of contours with suitable diagrams.	PPT Presentation, Demonstration through animated videos
5.2 Drawing Cross section from contour map	3. Draw cross section from contour map. 4. Understand topographic features from cross sections drawn using contour map.	PPT Presentation, Demonstration through animated videos
5.3 Identification of slope types from contour maps	5. Identify type of slope from contour map. 6. Understand characteristics of contours for different slope types.	PPT Presentation, Demonstration through animated videos
5.4 Depicting different landforms using contours	7. Identify landforms from contour map. 8. Draw contours depicting landforms.	PPT Presentation, Demonstration through animated videos
5.5 Measuring slope from contours	9. Apply methods of slope calculation to calculate slopes from contour map. 10. Measure slope from given information from contour map.	PPT Presentation, Demonstration through animated videos