



BACHELOR OF ARTS GEOGRAPHY
BA GEOGRAPHY Semester 01

Course Code	UA01GGEO51	Title of the Course	Fundamentals of Physical Geography
Total Credits of the Course	04	Hours per Week	04

Course Objectives:	<ol style="list-style-type: none"> 1. The objective of this course is to introduce the latest concepts in physical Geography. 2. Essentially Geomorphology; to the students of geography in a brief but Adequate manner.
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Course Content		
Unit	Description	Weightage%
1.	Solar system, Origin of Earth, Geological Time Scale Meaning, Definition, Nature, Scope of the Physical Geography, Branches of Physical Geography and Inter-relation with other branches of Earth Science. Solar System, Origin of the Earth, Concept of Monistic and Dualistic. Age of Earth, Geological Time Seale.	25%
2.	Interior of Earth, Geo-Isostasy, Rock, Soil and land Earth interior structure, Evidence of Seismology, Primary, Secondary and Long period waves, Different layers of the Earth. Meaning of Isostasy, Principal of Isostasy, Pratt's and Airy's view of Isostasy. Meaning and Definition of Rock, Classification of Rocks, Rock Cycle, Meaning and Definition of Soil, Types of Soil,	25%
3.	Natural Forces and Landscape, Mountain Construction Definition of Relief and Natural forces, Classification of Natural forces (Endogenetic and Expgenetic forces) Definition of mountain, Classification of mountains.	25%
4.	Volcano and Earthquakes Meaning and Definition of Volcano, Volcanism, Volcanic eruptions, Causes of Volcanism, Types of Volcanoes, volcanic action and the form that arises from volcano. Arial distribution of volcanoes, Meaning of Earthquakes, Types and Reasons of earthquakes, Earthquakes Measurement and impact,	25%

Teaching-Learning Methodology	ICT, Group Discussion Lecture method, Class room Seminar, quiz
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Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weightage
1.	Internal Written / Practical Examination (As per CBCS R.6.8.3)	15%
2.	Internal Continuous Assessment in the form of Practical, Viva-voce, Quizzes, Seminars, Assignments, Attendance (As per CBCS R.6.8.3)	15%
3.	University Examination	70%

Course Outcomes: Having completed this course, the learner will be able to	
1.	Understand the components of the earth system – atmosphere, lithosphere and hydrosphere;
2.	Appreciate and understand various features of the spheres with local, regional and global examples;
3.	Associate and bring out the relationships of the features of one sphere with other spheres.

Suggested References:	
Sr.	References
1.	M.R.Shah and K.N. Jasani- Physical Geography, Uni.Granth Nirman Board, Ahmedabad (Gujarati)
2.	A.N. Strahler - Physical Geography, John Wiley and Sons
3.	Singh, M.B. (2001): Physical Geography, Tara Book Agency, Varanasi (Hindi)
4.	Bryant, H. Richard (2001): Physical Geography Made Simple, Rupa and Company. New Delhi
On-line resources to be used if available as reference material	
On-line Resources: https://en.m.wikipedia.org/wiki/Structure_of_Earth	
https://en.m.wikipedia.org/wiki/mountain_formation	
https://en.m.wikipedia.org/wiki/volcanoes_and_earthquakes	

