



B.Ed(4 Years) Elementary Education

Code	Subject Title	Cr. Hrs	Semester
EDE- 155	Geography I (Physical Geography)	3	
Year	Discipline		
	Elementary Education		

Aims

This course acts as a foundation for the following semesters. The course aims to help the students increase their proficiency in English by enhancing their knowledge in the subject.

Objectives

Upon the successful completion of this course the students will be able to:

- Understand and explain the foundations of Geography
- Describe the Earth and its Origin
- Understand and Explain the Atmosphere
- Apply their knowledge in different situations
- Develop a sense of understanding the trends and issues of Geography

Syllabus

The Earth and its Origin:

The universe, the solar system and the earth. Earth's origin, shape and size, rotations and revolution, composition and structure, distribution of land and water, Earth's geological history: origin and evolution of life on Earth.

2. Atmosphere:

Composition and structure of Atmosphere, Atmosphere temperature and pressure, Winds and global circulation, Air masses and fronts.

Cyclones and weather disturbances, Atmospheric moisture and precipitation, Climatic classification: Koppen's classification with special reference to the following types: Af, Am, Bsh, Ds and Df.

3. Litosphere:

Internal Structure of the Earth, Rocks Origin, formation and types, (Igneous, Sedimentary and Metamorphic), Plate Tectonics, Mountain building, earth quakes, volcanic activity, Geomorphic processes-internal and external, Weathering, mass wasting, erosion and deposition, cycle of erosion,

Landform produced by surface water, ground water, wind and glaciers, Formation and types of soils.

4. Hydrosphere:

Configuration of ocean floor, Ocean deposits, Composition, temperature, and salinity of ocean water, Movements of the oceanic water : waves, currents and tides.

Text Books/ Reference Material

- Taylor, J. A. (1994). *Integrated Physical Geography*. London: Longman.
- Thornbury, W. D. (2004). *Principles of Geomorphology, 2e*: CBS Publishers & Distributors.
- Mcilvern, J.F.R (1991) *Fundamental of Weather and Climate*. London: Chapman & Hall.
- Monkhouse, F. J. (1975). *Principles of Physical Geography*. London: Hodder and Stoughton.
- Miller, E. W. (1985). *Physical Geography: Earth Systems and Human Interactions*: C.E. Merrill.
- King, C. A. M. (1980). *Physical geography*: Barnes and Noble Books.