

SEMSETR-I

GEOG.601:

FUNDAMENTALS OF GEOGRAPHY

3(3-0)

Courses Objectives

The objective of this course is make students understand about the basics of the subject of Geography.

Learning Outcome

The students will be able to understand and differentiate between the various themes of Geography easily.

Course Outline

1. Introduction

- Nature and scope
- The evolution of geography from ancient to modern times
- Branches of Geography and their relations with other disciplines.

2. Five Major Themes of Geography

- Location: Absolute and relative
- Place: Physical and anthropogenic characteristics
- Man-environment relationship
- Movement
- Region

3. Earth as a Planet

- Shape, size and movements
- Earth's Satellite-Moon
- Lunar and Solar Eclipses

4. Location on Map and Globe

- Directions and scales
- Geographical coordinates and their characteristics
- World time zones: standard and local time

5. Distribution of Land and Water

- Proportion of land and water on the planet earth
- Fresh water; glaciers, rivers, lakes, swamps and underground water
- Ocean water

6. Elements of Geo-system

- Lithosphere
- Atmosphere
- Hydrosphere
- Biosphere

Lab. Work

Study of maps, atlases and different types of models to understand various geographical phenomena.

Field Visits

Visits of hilly areas to see and observe the characteristics of places and man-environment interaction.

Recommended Books

1. Strahlar, A.N., Strahlar, A.H. (2004), Physical Environment, John Wiley. New York

2. Stringer, E.T. (2004) "Modern Physical Geography," New York: John Wiley.
3. Christopherson, R.W. (2000) "Geo-systems," Prentice-Hall, Inc, USA.
4. Gabler, R.E, Sager, R.J and Wise, D.L. (1997) "Essentials of Physical Geography", Saunders College Publishing, New York.
5. Thurman, H.V. & Mexrill (1996) "Essentials of Oceanography", Menson, London
6. Fraser,C.(1993) "Unlocking Five Themes of Geography", Globe Book Co. New Jersey.
7. Taylor, J. (1993) "Integral Physical Geography", Longman, London.
8. Mcliveen, J.F.R. (1992) "Fundamentals of Weather and Climate," Prentice Hall.
9. Thompson, R.D. et al. (1986) "Process in Physical Geography", London, Longman.