

SYLLABUS FOR MULTI DISCIPLINARY COURSE (MDC) :: EARTH SCIENCE SEMESTER – II :: 2026

MDC-2: Understanding the Changing Environment

Unit	Contents	Lect.
Unit-I Environment as a system	Meaning of environment; Components of earth's environment system and their characteristics and interrelationship: Lithosphere, Hydrosphere, Atmosphere and Biosphere; Ecosystem, its components and functioning; Concept of balanced environment	8
Unit II Changing man and environment relationship	Impact of natural environment on man and his activities (Agriculture, food, dress, house, power development, human adjustment in different environments); Population growth and environmental changes; Impact of man on natural environment (Deforestation, soil erosion, soil degradation, depletion of mineral resources, air and water pollution)	10
Unit-III Environmental changes and associated environmental problems	Global environmental changes: Global warming, Ozone layer depletion, Climate change Environmental problems: Sea level change; Extreme weather events; Land, air and water pollution; Desertification; Deforestation, biodiversity loss and man-animal conflicts	10
Unit-IV Environmental Management	Meaning of environmental management; Conservation of natural environment and its resources; Management of environmental problems; Concept of sustainable development	6

Class Schedule :

Thursday 3.00 PM, Friday 1.00 PM & Saturday 3.00 PM

Room No. :: NB 107

All the students of **Semester II** having **MDC Earth Sciences** are requested to join in the **Whatsapp group** for updated information of class and materials.

