

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

**MDC-2: Understanding the Changing Environment**

<b>Unit</b>	<b>Contents</b>	<b>Lect.</b>
<b>Unit-I</b> 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
<b>Unit II</b> 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
<b>Unit-III</b> 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
<b>Unit-IV</b> 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.

