

COURSE DESCRIPTION OF GENERIC ELECTIVE (1st Semester)

ENS18GE01: Basics of Ecology and Environment

(2 credits)

Unit I

- 1.1 Importance of environment
- 1.2 Components of environment-Atmosphere, hydrosphere, lithosphere and biosphere
- 1.3 Human and environment relations
- 1.4 Environment and development
- 1.5 Tools for environmental management

Unit II

- 1.1 Structure and functions of ecosystem
- 1.2 Natural and managed ecosystem
- 1.3 Ecosystem goods and services
- 1.4 Ecological Succession
- 1.5 Ecological Interactions

COURSE DESCRIPTION OF OPEN ELECTIVE (1st Semester)

ENS18OE01: Global Environmental Problems

(02 Credits)

Unit I

- 1.1 Acid rain
- 1.2 Ozone depletion
- 1.3 Deforestation
- 1.4 Biodiversity loss
- 1.5 Global warming and climate change

Unit II

- 1.1. Role of an individual in conservation of natural resources
- 1.2. General idea about environmental laws
- 1.3. International conventions (Stockholm declaration)
- 1.4. Kyoto and Montreal protocol
- 1.5. Earth summit