



**Ranchi University, Jharkhand**  
**B.Com GEN Sem 2 syllabus**

## **Environmental Studies**

### **Unit 1 : Introduction to environmental studies**

Multidisciplinary nature of environmental studies;  
Scope and importance; Concept of sustainability and sustainable development.

### **Unit 2 : Ecosystems**

What is an ecosystem? Structure and function of ecosystem; Energy flow in an ecosystem:  
food chains, food webs and ecological succession. Case studies of the following ecosystems :  
Forest ecosystem  
Grassland ecosystem  
Desert ecosystem  
Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries)

### **Unit 3 : Natural Resources : Renewable and Non--renewable Resources**

Land resources and land use change; Land degradation, soil erosion and desertification.

Deforestation: Causes and impacts due to mining, dam building on environment, forests, biodiversity and tribal populations.

Water : Use and over--exploitation of surface and ground water, floods, droughts, conflicts over water (international & inter--state).

Energy resources : Renewable and non renewable energy sources, use of alternate energy sources, growing energy needs, case studies.

## **Unit 4 : Biodiversity and Conservation**

Levels of biological diversity : genetic, species and ecosystem diversity; Biogeographic zones of India; Biodiversity patterns and global biodiversity hot spots India as a mega--biodiversity nation; Endangered and endemic species of India

Threats to biodiversity : Habitat loss, poaching of wildlife, man--wildlife conflicts, biological invasions; Conservation of biodiversity : In--situ and Ex--situ conservation of biodiversity.

Ecosystem and biodiversity services: Ecological, economic, social, ethical, aesthetic and Informational value.

## **Unit 5 : Environmental Pollution**

Environmental pollution : types, causes, effects and controls; Air, water, soil and noise pollution

Nuclear hazards and human health risks

Solid waste management : Control measures of urban and industrial waste.

Pollution case studies.

## **Unit 6 : Environmental Policies & Practices**

Climate change, global warming, ozone layer depletion, acid rain and impacts on human communities and agriculture

Environment Laws: Environment Protection Act; Air (Prevention & Control of Pollution)

Act; Water (Prevention and control of Pollution) Act; Wildlife Protection Act; Forest

Conservation Act. International agreements: Montreal and Kyoto protocols and Convention on Biological Diversity (CBD).

Nature reserves, tribal populations and rights, and human wildlife conflicts in Indian context.

## **Unit 7 : Human Communities and the Environment**

Human population growth: Impacts on environment, human health and welfare.

Resettlement and rehabilitation of project affected persons; case studies.

Disaster management : floods, earthquake, cyclones and landslides.

Environmental movements : Chipko, Silent valley, Bishnois of Rajasthan.

Environmental ethics: Role of Indian and other religions and cultures in environmental conservation.

Environmental communication and public awareness, case studies (e.g., CNG vehicles in Delhi).

## **Business Law**

**Unit I:** The Indian Contract Act. 1872 : General Principles of Law Contract

- a) Contract – meaning, characteristics and kinds
- b) Essentials of valid contract- Offer and acceptance , consideration, contractual capacity
- c) Void agreements
- d) Discharge of contract – modes of discharge including breach and its remedies.
- e) Contingent contracts
- f) Quasi – contracts

**Unit II:** Special Contract

- a) Contract of Bailment
- b) Contract of Agency

**Unit III:** The Sale Of Good Act. 1930

- a) Contract of Sale, meaning and difference between sale and agreement to sell.
- b) Unpaid seller- meaning and rights of an unpaid seller against the good and buyer.
- c) Auction Sale

**Unit IV:** The Negotiable Instruments Act 1881

- a) Meaning and Characteristics of Negotiable Instruments : Promissory Note, Bill of Exchange, Cheque

- b) Negotiation: Types and Endorsements
- c) Crossing of Cheque
- d) Bouncing of Cheques

**Unit V: The Information Technology Act, 2000**

- a) Definitions under the act
- b) Electronic Governance
- c) Attribution, acknowledgement, and dispatch of electronic records
- d) Penalties and Adjudication
- e) Appellate Tribunal
- f) Offences

**Essential Readings**

Kuchhal M.C. and Vivek Kuchhal , Business Law, Vikash Publishing House, New Delhi

Singh, Avtar Business Law, Eastern Book Company, Lucknow.

Tulsian P.C., Business Law, Tata McGraw Hill, New Delhi

Sharma J.P. and Sunaina Kanojia, Business Laws, Anne Books Pvt. Ltd, New Delhi

Sharma J.P. and Sunaina Kanojia, Vyavsayik Sanniyam, Delhi University, Hindi Cell

Maheshwari & Maheshwari, Business Law, National Publishing House, New Delhi

Chadha, P.R., Business Law Galgotia Publishing House, New Delhi

Information Technology Rules 2000 with Information Technology Act, 2000, Taxman Publications Pvt. Ltd.

New Delhi

Note : Latest edition of text books may be used