

**M.Sc (Final) Environmental Sciences  
Semester IV**

**Paper II  
ENVIRONMENTAL IMPACT ASSESSMENT**

**Unit-I**

Environmental impact assessment: Basic concept and significance. Impact assessment methodologies; EIA guidelines- 1994; Environmental risk assessment.

**Unit II**

Procedures for reviewing environmental Impacts Analysis, Environmental Impact statement, Predication and assessment of impact on air environment, Predication and assessment of impact of water environment.

**Unit III**

Prediction and assessment of impact on noise environment; Prediction and assessment of impact on biological environment; Prediction and assessment of impact on cultural and socioeconomic environment; Restoration and Rehabilitation Plan (Act), 2007

**Unit IV**

Environmental impact of Traditional and Modern agriculture systems; Environmental impact of tourism, Introduction to environmental planning; Land use policy for India.

**Unit V**

Environmental Priorities in India and sustainable development; Environmental Economics: Cost benefit analysis; Guidelines for environmental Audit; Urban and Rural planning in India and Land use pattern.