

M.Sc. Environmental Science
Semester-IV
ENVIRONMENT MANAGEMENT AND
PLANNING

UNIT-I

Environmental management concepts- Sustainable development, Major environmental problem, environmental resources, Environmental conflicts. Environmental law: Stockholm conference, The Earth Summit, The Earth summit Agreements, Environmental protection and fundamental rights, Public participation

UNIT II

Fundamental approach to environmental impact assessment, brief introduction to EIA methodologies, Environmental risk assessment, risk management in EIA, environmental auditing.

UNIT - III:

Environmental Management System: Principles, scope and elements for successful environmental management, ISO 14000 Series, Ecomark Scheme, Preparing environmental management system for an organization.

UNIT - IV:

Environmental Planning: Basic concepts of environmental planning; integrated land-use planning; land use patterns; urban planning-impact of population growth. Major issues related to Himalayan ecology, deserts & mangroves.