

LESSON PLAN (2025-26)
B.A.,B.Com,BBA, Semester-I

Paper name: Disaster Management

Teacher's name: Anju, Dr. Nidhi, Sugandha

July Week 3
Unit 1: Introduction to Disaster: Definition, difference between hazard and disaster, understanding natural and man made disasters,
July Week4
Risk and vulnerability in disaster. Causes and phases of disaster, rapid onset and slow onset disaster, nature and responses to geo hazards
July Week 5
Reasons of disaster: population growth, urban expansion, pollution, epidemics , accidents, disaster profile of India.
August Week 1
Natural and anthropogenic disaster ; earthquake introduction and causes
Week 2
Types and impacts of earthquake, flood introduction
Week 3
Types and impact of floods, Landslides introduction
Week 4
Responsible factors, causes and effects of landslides
Week 5
Drought introduction, different types of droughts- meteorological, agricultural, hydrological and its effects
September Week 1
Test of unit-1, Cyclone and hurricanes
Week 2
Tsunamis : reasons and its impacts, Assignment -1 topics discussion
Week 3
CBRN : Introduction, Chemical and Biological disaster : causes and effects
Week 4
Radiological and nuclear disasters : causes and effects ,Sociological hazards- crime, terrorism , war, Class Test
Week 5 / October Week 1
Disaster Preparedness and mitigation : Definition, Disaster management cycle of earthquake,

floods, drought, prevention, preparation and mitigation
Week 2
Disaster management cycle of landslides and cyclone: prevention, preparation and mitigation
Week 3 Diwali break
Week 4
Test of unit-2 and Disaster information, disaster response,
Week 5 & November Week 1
Assignment-2 and disaster rehabilitation, reconstruction and recovery
Week 2
Role of National Disaster Management Authority (NDMA), Revision, Class Test
Week 3
Assignment check, Revision and problem solving classes

LESSON PLAN (2025-26)
B.A.,B.Com,BBA, Semester-I

Paper name: Waste Management

Teacher's name: Anju, Dr. Nidhi, Sugandha

July Week 3
Unit 1: Sources, Classification & Composition of Solid Wastes - Introduction
July Week4
Types of solid waste, their sources of E-waste, classification and impacts
July Week 5
Classification, sources, types and composition of biomedical waste and impacts
August Week 1
Sources, types, classification of hazardous waste and it's impacts
Week 2
Construction and demolition waste, plastic wastes, types, sources and impacts
Week 3
Various waste minimisation technologies and recent techniques
Week 4
Effects of all types of solid waste on plants, Animals and Human beings
Week 5
Unit 2: Standards of Water Quality in Relation to Public Health- Introduction
Types of Water:Potable Water,Non-potable Water
September Week 1
Test of unit-1, Principal Forms of Water Pollutants and Their Sources and sewage
Week 2
Sewage and Waste Water Treatment Systems in India, Assignment -1 topics discussion
Week 3
Primary Treatment,Secondary Treatment, Tertiary and Advanced Treatment
Week 4
Gobar Dhan Scheme (2018) and Introduction to unit-3, Solid Waste Management Methods and Regulations
Week 5 / October Week 1
Solid Waste Management Methods and Regulations
5Rs and Their Benefits:Refuse,Reduce, Reuse, Repurpose and Recycle
Week 2
Test of unit-2 and Swachh Bharat Mission (2014)

Solid Waste Management Rules, 2016
Week 3 & Week 4
Assignment-2 and Construction and Demolition Waste Management Rules, 2016
E-Waste (Management) Rules, 2016
Week 5 & November Week 1
Bio-Medical Waste Management Rules, 2016, Test of topics of unit-3
Week 2
Hazardous Waste Management & Handling Rules, 1989, Plastic Waste Management Rules, 2016
Week 3
Assignment check, Revision and problem solving classes

LESSON PLAN (2025-26)
VAC Course for UG, Semester-I

Paper name: Environmental Science

Teacher's name: Anju, Dr. Nidhi, Sugandha

July Week 3: Introduction to environmental studies, multidisciplinary nature of environmental studies, scope and importance
July Week4 : concept of sustainability and sustainable development, Introduction ecosystem :types and structure
July Week 5: Ecosystem - Characteristics features and structure and structure & function of following ecosystem- Forest Ecosystem
August Week 1 : Characteristics of Desert and Grassland Ecosystem
Week 2 : Characteristics of all aquatic ecosystems, Renewable and Non Renewable resources and associated problems
Week 3 Forest resource, water resource
Week 4 Mineral resource and food resource
Week 5 Energy and land resource
September Week 1 Role of individuals in conservation of natural resources and equitable use of resources for sustainable lifestyle and class test
Week 2 Unit 3 Biodiversity and its conservation: Definition, genetic , species and ecosystem biodiversity.
Bio geographical classification of India
Week 3 Values of biodiversity and various uses, biodiversity at global national and local level
Hot spots of biodiversity, threats to biodiversity and man wild conflicts, endangered species and endemic of India
Week 4 Conservation of biodiversity : In situ and Ex situ
Environmental pollution: Introduction, definition , types and causes
Week 5/ October Week 1 Effect and control measures of Environmental pollution: Air and Water pollution
Soil pollution
Week 2 Marine pollution

Climate change and water conservation strategies
Week 3 & Week 4 Diwali break Green house gases
Green house effect, Acid rain
Week 5 & November Week 1 Thermal pollution and
Nuclear hazards
Week 2 Solid waste management
Disaster mangementa
Week 3 Test and revision