

Summary of Lesson Plan of Environmental Sciences (Multidisciplinary)

Name of College: Pt. Neki Ram Sharma Government College, Rohtak

Academic Session 2024-25

Semester: Odd

Name of Asstt./Ass. Prof : Sh. Manoj Hooda (HOD EVS)

Class: B.Sc. (Non-med, Medical, Math H)

Name of Paper: Disaster Management

22 th July 2024 to 20 ^h November 2024	
Month (July)	
Week 4 22 th – 27 th July	Unit -I Introduction to disaster, natural & man-made disaster
28 th July	Sunday
Month (August)	
Week 1 5 th –10 th August	Risk and vulnerability in disaster, causes and phases of disaster, Rapid and slow disaster
11 th August	Sunday
Week 2 12 th – 17 th August	Nature & response to geohazard, reasons of disaster
18 th August	Sunday
Week 3 19 th - 24 th August	Disaster profile of India
25 th August	Sunday
Week 4 26 th – 31 th August	UNIT -II Natural and Anthropogenic disaster: Earthquake
Month (September)	
Week 1 02 nd – 07 th September	Floods, Landslides , Drought
8 th September	Sunday
Week 2 09 th – 14 th September	Cyclone , Hurricane,
15 th September	Sunday
Week 3 16 th – 21 th September	Tsunami
22 th September	Sunday
Week 4 23 th – 28 th September	Chemical, Biological, radiological , Nuclear Hazard
Month (October)	
Week 1 01 th – 05 th October	Sociological Hazard

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Name of Asstt./Ass. Prof : Sh. Manoj Hooda (HOD EVS)

Class: B.Sc. (Non-med, Medical, Math H)

Name of Paper: Disaster Management

06th October	Sunday
Week 2 07th – 12th October	Unit -III Disaster Preparedness and mitigation
13th October	Sunday
Week 3 14th – 19th October	Disaster management cycle of earthquake, flood
20th October	Sunday
Week 4 21th – 26th October	Disaster management cycle of drought, landslide, cyclone
	Diwali Holidays (27th October -- 03rd November)
	Month (November)
Week 1 04th– 09th November	Disaster Information
10th November	Sunday
Week 2 11th–16th November	Disaster Rehabilitation, Reconstruction and recovery, Role of NDMA
17th November	Sunday
Week 3 18th–20th November	Revision
23-11-2024 to 20-12-2024	MDU Examination

Summary of Lesson Plan of Environmental Sciences (Minor)

Name of College: Pt. Neki Ram Sharma Government College, Rohtak

Academic Session 2024-25

Semester: Odd

Name of Asstt./Ass. Prof : Sh. Manoj Hooda (HOD EVS)

Class: B.Sc. Medical

Name of Paper: Earth and Environment

22 th July 2024 to 20 th November 2024	
Month (July)	
Week 4 22 th – 27 th July	Unit-1 origin of Earth, Kepler's Law, Structure of Earth
28th July	Sunday
Month (August)	
Week 1 5 th –10 th August	Unit-1 Theory of plate tectonics, sea floor spreading
11th August	Sunday
Week 2 12 th – 17 th August	Theory of Age of oceanic floors, Role of energy in earth processes
18th August	Sunday
Week 3 19 th - 24 th August	Unit -II Non- renewable geological resources, Geological Disasters
25th August	Sunday
Week 4 26 th – 31 th August	Unit -II Impact of human activities on frequency & magnitude of natural disasters
Month (September)	
Week 1 02 nd – 07 th September	Mitigation of disasters, impact of human on land
8th September	Sunday
Week 2 09 th – 14 th September	Rehabilitation of salinity – affected area, soil erosion prevention
15th September	Sunday
Week 3 16 th – 21 th September	UNIT -III Sea water properties, oceanic currents
22th September	Sunday
Week 4 23 th – 28 th September	Impact of human on water resources, reuse of different types of water, zero waste discharge
Month (October)	
Week 1 01 th – 05 th October	UNIT – IV Lapse rate & stability, cloud formation & precipitation process

Summary of Lesson Plan of Environmental Sciences (Minor)

Name of College: Pt. Neki Ram Sharma Government College, Rohtak

Academic Session 2024-25

Semester: Odd

Name of Asstt./Ass. Prof : Sh. Manoj Hooda (HOD EVS)

Class: B.Sc. Medical

Name of Paper: Earth and Environment

06th October	Sunday
Week 2 07th – 12th October	Air – sea interaction. , insolation, heat budget, circulation of atmosphere & ocean
13th October	Sunday
Week 3 14th – 19th October	Weather system of India
20th October	Sunday
Week 4 21th – 26th October	Cyclone & jet stream
	Diwali Holidays (27th October -- 03rd November)
	Month (November)
Week 1 04th – 09th November	Western Disturbances
10th November	Sunday
Week 2 11th–16th November	Effect of introduced species, control & mitigation method
17th November	Sunday
Week 3 18th–20th November	Revision
23-11-2024 to 20-12-2024	MDU Examination

Summary of Lesson Plan of Environmental Sciences (Compulsory Value Added EVS)

Name of College: Pt. Neki Ram Sharma Government College, Rohtak

Academic Session 2024-25

Semester: Odd

Name of Asstt./Ass. Prof : Sh. Manoj Hooda (HOD EVS)

Class: History H, Hindi H, Eco H, Psycho H, B.Com, B.A., B.Sc. N.M., B.Sc. Med, Math H, Physics H, BBA, BCA

Name of Subject: EVS

22 th July 2024 to 20 th November 2024	
Month (July)	
Week 4 22 th – 27 th July	Unit-1 Introduction to Environmental Studies: Multidisciplinary nature of environmental studies. Scope and importance; Concept of sustainability and sustainable development. Societal issues and environment,
28 th July	Sunday
Month (August)	
Week 1 5 th – 10 th August	Unit-1 human population and environment, Ecosystems: Introduction, types, characteristic features, structure and function of Forest, Grassland Ecosystem
11 th August	Sunday
Week 2 12 th – 17 th August	Desert, Aquatic ecosystems Unit-II Renewable and non-renewable resources:
18 th August	Sunday
Week 3 19 th - 24 th August	Natural resources and associated problems, Forest Resources,
25 th August	Sunday
Week 4 26 th – 31 th August	Mineral resources, Water resources
Month (September)	
Week 1 02 nd – 07 th September	Food resources, World food problems,
8 th September	Sunday
Week 2 09 th – 14 th September	Energy Resources (Renewable & Non – renewable)
15 th September	Sunday
Week 3 16 th – 21 th September	Land resources, land slide, land degradation
22 th September	Sunday
Week 4 23 th – 28 th September	Soil erosion and desertification. Role of an individual in conservation of natural resources. Equitable use of resources for sustainable lifestyles.
Month (October)	
Week 1 01 th – 05 th October	Unit-III Biodiversity and its conservation, Biogeographical classification of India.
06 th October	Sunday

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Name of Asstt./Ass. Prof : Sh. Manoj Hooda (HOD EVS)

Class: History H, Hindi H, Eco H, Psycho H, B.Com, B.A., B.Sc. N.M., B.Sc. Med, Math H, Physics H, BBA, BCA

Name of Subject: EVS

Week 2 07th – 12th October	Value of Biodiversity, Biodiversity at various level, Hot spots of biodiversity, Threats to biodiversity
13th October	Sunday
Week 3 14th – 19th October	Endangered and endemic species of India. Conservation of biodiversity
20th October	Sunday
Week 4 21th – 26th October	Unit IV -: Air Pollution, Water Pollution
	Diwali Holidays (27th October -- 03rd November)
	Month (November)
Week 1 04th – 09th November	Soil pollution, Marine pollution, Noise pollution, Thermal pollution
10th November	Sunday
Week 2 11th–16th November	Nuclear hazards, Solid waste, Disaster management
17th November	Sunday
Week 3 18th–20th November	Revision
23-11-2024 to 20-12-2024	MDU Examination