GOVERNMENT COLLEGE, BAHU (JHAJJAR)

LESSON PLAN
Session: 2024-2025

Name of Assistant Professor	Ms. Rekha Bai
Class	BA 1st Year
Semester	2nd Sem
Subject	Discipline Specific Course (Geography)

February	
Week 1	Human geography: meaning, nature and scope
Week 2	Changing man-environment relationship: determinism, possibilism, neo-determinism
Week 3	Human-ecology and recent perspectives
Week 4	Evolution of mankind: hunting & food gathering,

March	
Week 1	Pastoral nomadism, subsistence farming.
Week 2	Human adaptation to environment: Eskimo and Bushman
Week 3	Primitive people of India: Bhil and Naga

April	
Week 1	racial classification: Griffith Taylor and B.S. Guha
Week 2	Demographic attributes: composition, growth and distribution
Week 3	Human migration: causes, types and trends
Week 4	Human settlements: types, distribution and affecting factors.

May	
Week 1	Dynamics of population resource relationship
Week 2	Population resource regions (Ackerman)
Week 3	Development and environment conflicts
Week 4	Revision

GOVERNMENT COLLEGE, BAHU (JHAJJAR)

LESSON PLAN
Session: 2024-2025

Name of Assistant Professor	Ms. Rekha Bai
Class	BA 1st Year
Semester	2nd Sem
Subject	Minor Course (Geography)

February	
Week 1	Climate: meaning and definitions
Week 2	Climate and weather
Week 3	Elements of weather and climate
Week 4	Climate and Human habitat

March	
Week 1	Factors affecting climate: latitude, altitude, relief features, vegetation, prevailing winds and distance from sea.
Week 2	Major climatic elements: meaning and introduction
Week 3	Temperature- maximum, minimum and average

April	
Week 1	Atmospheric pressure and pressure belts
Week 2	Humidity Types, precipitation types
Week 3	Process of precipitation
Week 4	Wind: dynamics of wind circulation,

May	
Week 1	Wind circulation and impact on local weather condition
Week 2	Wind Circulation and Indian monsoon system
Week 3	Cloud formation and precipitation
Week 4	Revision

GOVERNMENT COLLEGE, BAHU (JHAJJAR)

LESSON PLAN
Session: 2024-2025

Name of Assistant Professor	Smt. Pooja Sharma
Class	BA 1st Year
Semester	2nd Sem
Subject	Multi-Disciplinary Course (Geography)

February

Week 1	Environment: Meaning, Definition and Components
Week 2	Approaches of Man-Environment Relationship
Week 3	Ecology and Ecosystem
Week 4	Environmental Pollution: Air Pollution

March

Week 1	Water Pollution
Week 2	Noise Pollution
Week 3	Land Degradation

April

Week 1	Depletion of Ozone Layer
Week 2	Desertification
Week 3	Greenhouse Effect and Climate Change
Week 4	Conservation and Management of Environment: Concept

May

Week 1	Conservation and Management of Environment: Methods and approaches
Week 2	Environmental Policies and Programmes
Week 3	Awareness and Movements in India
Week 4	Revision

Pooja Sharma

GOVERNMENT COLLEGE, BAHU (JHAJJAR)

LESSON PLAN
Session: 2024-2025

Name of Assistant Professor	Dr. Pankaj
Class	BA 1st Year
Semester	2nd Sem
Subject	Skill Enhancement Course (Geography)

February	
Week 1	Geospatial Data: Definition and Concept
Week 2	Types of Geospatial Data: Vector and Raster
Week 3	Sources of Open Data: Bhuwan, USGS/GLCF
Week 4	Google earth Engine and

March	
Week 1	Survey of India toposheets and its nomenclature
Week 2	Obtaining Open Data From Bhuwan
Week 3	USGS/GLCF

April	
Week 1	Google Earth Engine
Week 2	Survey of India Toposheets
Week 3	Application of Open Source data
Week 4	Mapping of Land use/Land Cover and Change: Built-up area

May	
Week 1	Water Bodies
Week 2	Agricultural Land
Week 3	Natural Vegetation
Week 4	Revision

GOVERNMENT COLLEGE, BAHU (JHAJJAR)

LESSON PLAN
Session: 2024-2025

Name of Assistant Professor	Smt. Pooja Sharma
Class	BA 1st Year
Semester	2nd Sem
Subject	Value Added Course (Environmental Science)

	February
Week 1	Introduction to Environmental Studies: Multidisciplinary nature of environmental studies
Week 2	Scope and importance; Concept of sustainability and sustainable development.
Week 3	**Ecosystems:** Introduction, types, characteristic features, structure and function of the following ecosystem:- a. Forest ecosystem b. Grassland ecosystem c. Desert ecosystem d. Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries)
Week 4	**Renewable and non-renewable resources:** Natural resources and associated problems. a) Forest resources: Use and over-exploitation, deforestation. Timber extraction, mining, dams and their effects on forest and tribal people.

	March
Week 1	b) Water resources: Use and over-utilization of surface and ground water, floods, drought, conflicts over water, dams-benefits and problems.
Week 2	c) Mineral resources: Use and exploitation, environmental effects of extracting and using mineral resources.
Week 3	d) Food resources: World food problems, changes caused by agriculture and overgrazing, effects of modern agriculture, fertilizer-pesticide problems, water logging, salinity, case studies.

	April
Week 1	e) Energy resources: Growing energy needs, renewable and non-renewable energy sources, use of alternate energy sources.
Week 2	f) Land resources: Land as a resource, land degradation, man induced landslides, soil erosion and desertification. Role of an individual in conservation of natural resources. Equitable use of resources for sustainable lifestyles.
Week 3	**Biodiversity and its conservation:** Introduction – Definition: genetic, species and ecosystem diversity. Biogeographical classification of India.
Week 4	Value of biodiversity: consumptive use, productive use, social, ethical, aesthetic and option values Biodiversity at global, National and local levels. Hot-sports of biodiversity.

	May
Week 1	Threats to biodiversity: habitat loss, poaching of wildlife, man-wildlife conflicts. Endangered and endemic species of India. Conservation of biodiversity: In-situ and Ex-situ conservation of biodiversity.
Week 2	**Environmental Pollution:** Definition, Cause, effects and control measures of:- a. Air pollution b. Water pollution c. Soil pollution d. Marine pollution e. Noise pollution f. Thermal pollution g. Nuclear hazards h. Solid waste.
Week 3	Role of an individual in prevention of pollution. Disaster management : floods, earthquake, cyclone and landslides. Water Conservation and its strategies. Climate change – green house gases, acid rain and global warming.
Week 4	Revision

Pooja Sharma

GOVERNMENT COLLEGE, BAHU (JHAJJAR)

LESSON PLAN
Session: 2024-2025

Name of Assistant Professor	Smt. Pooja Sharma
Class	BA 2nd Year
Semester	4th Sem
Subject	Geography

January

Week 1	Nature and Scope of Human Geography, Relationship with other Sciences
Week 2	Human Races their Evolution and Development, Races: Santhal, Gond, Bheel and others
Week 3	Concept of Man Environment Relation: Determinism, Possibilism, Neo-Determinism
Week 4	Human Adaptation to the Environment: Eskimo, Bushman and Others

February

Week 1	Resources: Resources, Resistance and Neutral Stuffs.
Week 2	Classification of Resources: Biotic Resource - Vegetation, Animal resources
Week 3	Abiotic Resources: Water resources, Mineral, Energy Resources and their conservation
Week 4	World Population, Factors affecting population distribution, density of Population

March

Week 1	Concept of Optimum Population, Over Population and Under population
Week 2	Theories of Population: Malthusian, Ricardo, Marx and others
Week 3	Rural Settlements and their type, factors affecting their location

April

Week 1	Origin and growth of towns, their types, Classification and function of Towns
Week 2	Pre-historic, Medival and Modern Towns, Population Pressure
Week 3	Resource Use and environmental Degradation, Sustainable Development
Week 4	Revision

May

Week 1	Revision

Pooja Sharma

GOVERNMENT COLLEGE, BAHU (JHAJJAR)

LESSON PLAN
Session: 2024-2025

Name of Assistant Professor	Dr. Pankaj
Class	BA 3rd Year
Semester	6th Sem
Subject	Geography

January

Week 1	Introduction to Aerial photographs, Types of Aerial photographs
Week 2	Applications of aerial photographs
Week 3	Basic principal of Interpretation of Aerial photographs
Week 4	Methods of Interpretation of Aerial photographs

February

Week 1	Fundamentals of Remote Sensing and Stages of Remote sensing
Week 2	Zones of RS, types of resolution and satellite in Remote sensing
Week 3	Remote sensing in India and new era in the field of remote sensing
Week 4	Imageries and their classification, Application of Imageries

March

Week 1	Basics of GIS, Sources of Data in GIS, Types of Data in GIS
Week 2	Sequences of activities in GIS, Objective, Concept of Space, Time and Elements of GIS
Week 3	Advantages and application of GIS, Measures of Central Tendency: Mean

April

Week 1	Measures of Central Tendency: Median
Week 2	Measures of Central Tendency: Mode
Week 3	Measure of Dispersion
Week 4	Coefficient of Variation

May

Week 1	Revision