

LESSON PLAN
Paper: Hydrology and Oceanography
Class: B.A Hons 3rd Sem. (2024-2025)
Name of the Assistant /Associate Professor: Pardeep Sharma

MONTHS/WEEKS	Contents/Topics
August, Week 1	The World Hydrological Cycle and its sub-cycle
August, Week 2	Human Impact on Hydrological Cycle
August, Week 3	Precipitation Types, Conventional, Frontal and Orographic rainfall
August, Week 4	Intensity and Duration of Rainfall, Geographical and Seasonal Distribution of Rainfall
August, Week 5	
September, Week 1	Problems of Water Resource Management in India
September, Week 2	Water Logging
September, Week 3	Ground Water
September, Week 4	Floods
October, Week 1	Droughts (Election Week)
October ,Week 2	Conservation Practices and Planning for the Development of Water resource.
October ,Week 3	Nature of Oceanic Floor: Continental Slope, Deep Ocean Basin and Trenches
October ,Week 4	Bottom Topography of Atlantic and Pacific Ocean
November,Week 1	Bottom Topography of Indian Ocean, Salinity
November,Week 2	Temperature of Oceans: Process of Heating and Cooling, Heat Budget
November,Week 3	Ocean Currents: Atlantic, Pacific and Indian Ocean

LESSON PLAN
Paper: Regional Geography of the World
Class: B.A Hons 3rd Sem. (2024-2025)
Name of the Assistant /Associate Professor: Pardeep Sharma

MONTHS/WEEKS	Contents/Topics
August, Week 1	Major Mountains of the World
August, Week 2	Major Plains of the World
August, Week 3	Major Plateaus of the World
August, Week 4	Major River System of The World
August, Week 5	Major Drainage System of the World
September, Week 1	Major Mountains of the World
September, Week 2	Major Plains of the World
September, Week 3	Major Plateaus of the World
September, Week 4	Major River System of The World
October, Week 1	Major Drainage System of the World
October ,Week 2	Regional Geography of USA
October ,Week 3	Regional Geography of Brazil
October ,Week 4	Regional Geography of Australia
November,Week 1	Classification of Countries on the basis of development:
November,Week 2	Developed and Developing Countries and their Characteristics
November,Week 3	Preparation

LESSON PLAN
Paper: Physical Geography (Climatology)
Class: B.A 3rd Sem. (2024-2025)
Name of the Assistant /Associate Professor: Pardeep Sharma

MONTHS/WEEKS	Contents/Topics
August, Week 1	Weather and Climate
August, Week 2	Origin and Composition of Atmosphere
August, Week 3	Structure of Atmosphere
August, Week 4	Insolation and Global Heat Budget
August, Week 5	Horizontal and Vertical Distribution of Temperature, Inversion of Temperature
September, Week 1	Atmospheric Pressure-Measure and Distribution, Pressure Belts
September, Week 2	Planetary Winds, Monsoon, Jet Streams, EL-NINO,
September, Week 3	La-NINA Phenomena and Local Winds
September, Week 4	Humidity – Measurement and Variables
October, Week 1	Evaporation, Condensation and Precipitation Types and Distribution
October ,Week 2	Hydrological Cycle, Air masses concept and classification
October ,Week 3	Fronts Types and Characteristics, Weather Disturbances : Cyclone and Extra Tropical Cyclone
October ,Week 4	Climatic Classification by Koppen, Climate Change and Global Warming
November,Week 1	Configuration of Oceanic floors and Surface relief of Pacific, Atlantic and Indian ocean
November,Week 2	Tides, Waves and Oceanic Currents
November,Week 3	Circulation in Pacific, Atlantic and India Ocean, Oceanic Resources

LESSON PLAN
Paper: Geography of India
Class: B.A (H) 5rd Sem. (2024-2025)
Name of the Assistant /Associate Professor: Pardeep Sharma

MONTHS/WEEKS	Contents/Topics
August, Week 1	Industries: Factor Affecting Location of Industries
August, Week 2	
August, Week 3	
August, Week 4	
August, Week 5	
September, Week 1	Production and Distribution of Iron and Steel Industry
September, Week 2	Cotton Textile Industry
September, Week 3	
September, Week 4	
October, Week 1	
October ,Week 2	Sugar Industry
October ,Week 3	Industrial Complexes in INDIA
October ,Week 4	
November,Week 1	Trade: Factors Affecting India's Trade: Major Exports and imports of INDIA
November,Week 2	Balance of payments of INDIA's trade.
November,Week 3	

LESSON PLAN
Paper: Remote Sensing and GIS(P)
Class: B.A (H) 5rd Sem. (2024-2025)
Name of the Assistant /Associate Professor: Pardeep Sharma

MONTHS/WEEKS	Contents/Topics
August, Week 1	Fiducial Marks
August, Week 2	Principal Points
August, Week 3	Conjugate Principal Points
August, Week 4	Flight Line
August, Week 5	Scale on Aerial Photographs
September, Week 1	Interpretation of Vertical Aerial Photographs
September, Week 2	Use of Stereoscope to Identify features
September, Week 3	PAN+LISS imagery interpretation
September, Week 4	PAN+LISS imagery interpretation
October, Week 1	
October ,Week 2	
October ,Week 3	Toposheet Interpretation
October ,Week 4	
November,Week 1	
November,Week 2	
November,Week 3	

LESSON PLAN
Paper: Remote Sensing and GIS(P)
Class: B.A 5rd Sem. (2024-2025)

Name of the Assistant /Associate Professor: Pardeep Sharma

MONTHS/WEEKS	Contents/Topics
August, Week 1	Principal of Map Design and Layout
August, Week 2	Symbolization: Point
August, Week 3	Symbolization: Line and Area
August, Week 4	Lettering and Toponymy
August, Week 5	Mechanics of Map Construction
September, Week 1	Qualitative Distribution Maps
September, Week 2	Choroschematic Maps
September, Week 3	Chorochromatic Maps
September, Week 4	Quantitative Distribution Maps
October, Week 1	Isopleth Maps
October ,Week 2	Choropleth Maps
October ,Week 3	Dot Maps
October ,Week 4	Diagrammatic Maps
November,Week 1	Prismatic Compass Survey
November,Week 2	
November,Week 3	

Lesson Plan

Name of Teacher -**Mamta**

Class – **BA I (H) Geography**

Semester – **1st sem**

Paper- Geography of India

Session – **2024-25**

Week	Topics
August ,Week 1	Physiography of India : location , relif, and drainage system.
August, Week 2	Climate, soil , natural vegetation of India.
August, Week 3	Natural Disasters in India .
August, Week 4	Population : distribution , density, growth and compoistion.
August, Week 5	Green Revolution in india; production and distribution of crop: Rice, Wheat, cotton, and sugarcane.
September, Week 1	Energy resource: coal, petroleum
September, Week 2	Hydroelectricit ,solar, and nuclear energy .
September week 3	Mineral resource: iron ore, manganese, aluminum, mica.
September week 4	Industry regions of India and industry – iron and steel.
October, week 1	Cotton textile, sugar industry.
October , week 2	Transport and communication
October , week 3	Mode of transport : road , railway , water.
November, week 1	Revision
November, Week2	Revision

Lesson Plan

Name of Teacher -**Mamta**

Class – **BA I st Geography**

Semester – **1st sem**

Paper- Geography of India

Session – **2024-25**

Week	Topics
August ,Week 1	Physiography of India : location , Relif, and drainage system.
August, Week 2	Climate, soil , natural vegetation of India.
August, Week 3	Natural Disasters in India .
August, Week 4	Population : distribution , density, growth and ompoistion.
August, Week 5	Green Revolution in India; production and distribution of crop: Rice, Wheat, cotton, and sugarcane.
September, Week 1	Energy resource: coal, petroleum
September, Week 2	Hydroelectricity , and nuclear energy .
September week 3	Mineral resource: iron ore, manganese, aluminum, mica.
September week 4	Industry regions of India and industry – iron and steel.
October, week 1	Cotton textile, sugar industry.
October , week 2	Transport and communication
October , week 3	Mode of transport : road , railway , water.
November, week 1	Revision
November, Week2	Revision

Lesson Plan

Name of Teacher -**Mamta**

Class – **BA III (H) Geography**

Semester – **5th^t sem**

Paper- Geography of Haryana.

Session – **2024-25**

Week	Topics
August ,Week 1	Haryana : location , size, shape, and administrative division.

August, Week 2	Haryana: physical division and drainage system .
August, Week 3	Climate: characteristics and factors: distribution of rainfall and climatic region.
August, Week 4	Soil natural vegetation : soil type –their distribution and characteristics.
August, Week 5	Vegetation type, distribution and importance.
September, Week 1	Human resource: distribution and density, growth and urbanization.
September, Week 2	Agricultural resource: major crops: irrigation: new trends in agriculture.
September week 3	Problems pertaining to agricultural development and strategy for its advancement.
September week 4	Manufacturing industry; major industries:
October, week 1	Industry policy, SEZ and foreign investment in industries.
October , week 2	Transportation: modes of transportation and road density , significance of grant trunk road in the economic development of Haryana.
October , week 3	Regionalization of Haryana: concept of region .
November, week 1	Classification of region.
November, Week2	Revision.

LESSON PLAN
Paper: Indian Geography of Ecosystem
Class: B.A Hons 3rd (2024-2025)
Name of the Assistant /Associate Professor: Kavita Saini

Month , Week	
August, Week 1	Introduction of Ecosystem
August, Week 2	Ecosystem Geographic classification, Human Ecology, Importance of Human Ecology
August, Week 3	Ecosystem Concept, Structure And Functions
August, Week 4	Human- Environment Relationship
August, Week 5	Historical Progression and Adaptation, Test
September, Week 1	Ecology function: food chain ,food web, Ecological pyramids and types of pyramids
September, Week 2	Cycles(geo-chemical: carbon ,nitrogen and oxygen)
September, Week 3	Biomes and habitat: classification of biomes, tropical rainforest biomes Assignment 1st
September, Week 4	Grassland biomes, monsoon biomes ,marine biomes
October, Week 1	Environmental problems :global warming, ueban heat island, water pollution with special reference to indian water resoures
October ,Week 2	Environmental programmes and polices, national and local level Assignment 2nd
October ,Week 3	Brundtland commison ,Kyoto protocol ,agenda 21,sustainable development goals

LESSON PLAN
Paper: General Cartography
Class: B.A Hons 2nd (2024-2025)
Name of the Assistant /Associate Professor: Kavita Saini

August, Week 1	Representation of climatic Data :graphs and diagrams. Line and bar diagrams
August, Week 2	Rainfalls deviation diagrams, climograph (tayolor)
August, Week 3	Hythergraph , Ergograph, Isometric , isopleths
August, Week 4	Representation of socio-economic data by diagrams .types and properties of diagrams: one dimensional diagram: bar diagrams
August, Week 5	Simpal bar ,multiple bar and comparative bar Test1
September, Week 1	Two dimensional diagram: pie diagram proportional circle
September, Week 2	Three dimensional diagram : sphere, cube
September, Week 3	Distribution maps and diagrams(qualitative and quantitative)
September, Week 4	Choropleth and dot methods Test 2
October, Week 1	Miscellaneous diagrams and graphs
October ,Week 2	Age and sex pyramid Test 3
October ,Week 3	Flow diagrams, cartogram

LESSON PLAN
Paper: Economic Geography
Class: B.A 3rd (2024-2025)
Name of the Assistant /Associate Professor: Kavita Saini

August, Week 1	Nature and scope of Economic Geography Classification of Economic Geography: Primary activity
August, Week 2	Secondary activity, tertiary activity, Quarterly activity, quinary Activity, Green House Effect
August, Week 3	World Natural Resources, Biotic resources: Vegetation Resources
August, Week 4	Animal, Water (Oceanic and Surface Water, Underground water) Resources
August, Week 5	Mineral Resources and Conservation of resources Test1
September, Week 1	Agricultural Resources(Rice, Wheat, Coffee, Tea, Cotton, Sugarcane and Rubber)
September, Week 2	Mineral Resources(Coal, Iron-ore, Petroleum and Natural Gas)
September, Week 3	Manufacturing Industries(Location and Charterstics, Classification) Iron and Steel Industries
September, Week 4	Cotton textiles, Major industrial complexes of the world Assignment1
October, Week 1	Transport and Communication: Surface (highway, railways), Water transport
October ,Week 2	Air transport,Communication, International Trade Assignment 2
October ,Week 3	Von Thunnen Theory, Alfred Weber Theory

LESSON PLAN
Paper: Geography of India
Class: B.A 1st Minor Class (2024-2025)
Name of the Assistant /Associate Professor: Kavita Saini

August, Week 1	India: origin, size location and boundaries.
August, Week 2	Physical landscape of india(Himalayan range,northern plains)
August, Week 3	Peninsular plateau, coastal areas and island , indian desert
August, Week 4	Drainage system(Sindhu, Ganga, Bramputra and Southern Systems Of Rivers
August, Week 5	Climate Meaning , Factors, Monsoon, Seasons Climatic Region Test1
September, Week 1	Soil Meaning, Soil Profile, types and distribution of Soil
September, Week 2	Natural vegetation types and Distribution In India Assignment1
September, Week 3	Population of india:distribution, density
September, Week 4	Growth, age and sex composition
October, Week 1	Urbanization in india, Major Industries Regions of India
October ,Week 2	Iron And Steel Industry Assignment 2
October ,Week 3	Cotton Industries

LESSON PLAN

Paper: GEGH 301

Evolution of Geographic Thought

Class:

B.A Hons 3rd (2024-2025)

Name of the Assistant Professor

Sanjay Kumar

Months and Dates	Curriculum to be Covered during Odd Semester
25-07-2024 to 08-08-2024	Nature of Geography and Place of Geography among Sciences
09-08-2024 to 23-08-2024	Relation of Geography with Natural and Social Sciences
30-08-2024 to 13-09-2024	Contribution of Greeks, Roman, Arab and Indian Scholar in Geographical Knowledge
14-09-2024 to 27-09-2024	Contribution of Alexander Von Humboldt, Carl Ritter, Scheafer and Hartshorne
28-09-2024 to 11-10-2024	Environmental Determinism and Possibilism Dualism in Geography:- (Physical Geography vs Human Geography)
18-10-2024 to 26-10-2024	Dualism in Geography: Systematic Geography vs Regional Geography, Quantitative vs Qualitative
07-11-2024 to 15-11-2024	Quantitative Revolution and Development of Geography as Spatial Science
16-11-2024 to 21 -11-2024	Perspective in Geography:- Possibilism, Behaviouralism Humanism and Postmodernsim

Sanjay Kumar

Dept. of Geography

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LESSON PLAN

Paper:

Population Geography

Class:

B.A Ist Honours(2024-2025)

Name of the Assistant Professor:

Sanjay Kumar

Months and Dates	Curriculum to be Covered during Odd Semester
25-07-2024 to 08-08-2024	Nature and Scope of Population Geography: Population Data and Demography, Sources of Population Data, Problems of Mapping Population Data
09-08-2024 to 23-08-2024	World Population:- Distribution and Density, Age and Sex Composition, Occupational Structure and Literacy.
30-08-2024 to 13-09-2024	Population Change:- Growth, Fertility and Mortality, Demographic Transition Theories of Population Growth: Malthus and Karl Marx
14-09-2024 to 27-09-2024	Migration: Meaning, Types, Causes and Consequences
28-09-2024 to 11-10-2024	Population Policies: Population Policies in Developed (U.S.A. and Japan) and Developing Countries (India and China).
18-10-2024 to 26-10-2024	Problems of Gender Inequality and Women Empowerments.
07-11-2024 to 15-11-2024	Human Resources: Role of Human Resources in Environment and Economic Developments
16-11-2024 to 21 -11-2024	Human Development: Quality of Life Index(PQLI) and Human Development Index (HDI), Position of Human Development in Different States of India.

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LESSON PLAN

Paper:-GEGH 303

Remote Sensing and G.I.S

Class:

B.A3rd Hons (2024-2025)

Name of the Assistant Professor:

Sanjay Kumar

Months/Dates	Curriculum to be Covered during Odd Semester
22-07-2024 to 08-08-2024	Introduction of Aerial Photographs: Their Advantages and Types
09-08-2024 to 23-08-2024	Elements of Air, Photo Interpretation
30-08-2024 to 13-09-2024	Basic of Remote Sensing:- Electromagnetic Spectrum, Sensors and Platform, Resolution and Types
14-09-2024 to 27-09-2024	Types of Satellites, Indian Remote Sensing Satellites and their data Product
28-09-2024 to 11-10-2024	Types of Imageries
18-10-2024 to 26-10-2024	Introduction to Geographical Information System:- Definition, Purpose and Advantages of G.I.S.
07-11-2024 to 15-11-2024	Hardware and Software Requirements in G.I.S.
16-11-2024 to 21 -11-2024	Application of Remote Sensing in Agriculture, Environment and Resource Management, Urban, Regional and Real Time Planning

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LESSON PLAN

Paper: GEOG 305

GEOGRAPHY OF INDIA

Class: B.A 3rd Honours

(2024-2025)

Name of the Assistant Professor:

Sanjay Kumar

Months and Dates	Curriculum to be Covered during Odd Semester
22-07-2024 to 21-08-2024	Role of Agriculture in Indian Economy, Regional Variations in Cropping Pattern
22-08-2024 to 14-09-2024	Role of Irrigation in Agriculture
15-09-2024 to 26-09-2024	Problems pertaining to Green Revolution and Mitigation Strategies
05-10-2024 to 21-11-2024	Minerals and Power Resources:- Production and Distribution of Iron-ore, Mica , Coal, Petroleum and Hydropower

LESSON PLAN

Paper: GEOG(P) 302

Distribution Maps and Diagrams(Practical)

Class:

B.A Hons 3rd (2024-2025)

Name of the Assistant Professor

Sanjay Kumar

Months and Dates	Curriculum to be Covered during Odd Semester
25-07-2024 to 08-08-2024	Principle of Map Design and Layout Symbolization:- Point, Line and Area Symbol
09-08-2024 to 23-08-2024	Lettering and Toponymy Mechanics of Map Construction
30-08-2024 to 13-09-2024	Distribution Maps (1) Qualitative Distribution Maps Choroschematic Maps, Chorochromatic Maps
14-09-2024 to 27-09-2024	Qualitative Distribution Maps: Isopleth Maps
28-09-2024 to 11-10-2024	Choropleth Maps
18-10-2024 to 26-10-2024	Dot Maps
07-11-2024 to 15-11-2024	Diagrammatic Maps
16-11-2024 to 21 -11-2024	Prismatic Compass Survey

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