

LESSON PLAN

JANUARY 2024–APRIL 2024

Name of Professor:Dr.Satvir

Class: M.A. Geography 2ndSem

Subject:Geography

Paper:Regional Development and planing

Week	Topic
January(week 3)	Conceptual and theoretical framework: Concept of development, regional development;
January (week 4)	Concept of region and regional planning;
February (week 1)	Geography and regional planning; selection of indicators and measures of regional disparities.
February (week 2)	Regional Growth Theories: Friedman's core-periphery theory; polarisation and trickle-down effect theory of Hirschman;
February (week 3)	Circular and cumulative causation model of Myrdal; growth pole theory of Perroux.
February (week 4)	Planning process: types of planning; regional planning and its rationale
March (week 1)	principles and objectives.
March (week 2)	Regions for Planning: characteristics, hierarchy, need, and demarcation;
March (week 3)	Planning regions of India
April (week 1)	Experiences of regional development and planning in India - multi level planning (state, district, block and panchayat level planning)
April (week 2)	Regional Policies in the Indian Five Year Plans; planning policies for regional development;
April (week 3)	Regionalbackwardness: criteria, strategy and programmes for backward area development.
April (week 4)	Revision, Unit Test , Presentation

Lesson Plan

January 2024 to April 2024

Name of the Assistant Professor: **Jagmohan, Dalel Singh, Partibha**

Class : **BA IIIrd Sem VIth**

Subject: **Geography**

Paper: **Introduction to Remote Sensing**

January 3rd and 4th Week	Introduction to Aerial photographs
February (Week-1)	Their Advantages and types
February (week-2)	Elements of Aerial Photo interpretation
February (week-3)	Introduction to remote sensing
February (Week-4)	Electromagnetic spectrum Stages of remote sensing Types of satellites
March (Week-1)	Types of images Their application
March (Week-2)	Introduction to geographical information system Their advatages
March (Week-3)	GIS software and hardware
April (Week-1)	Application of GIS in various field of Geography
April (Week-2)	Measure of central tendency Mean , median , mode
April (Week-3)	Measure of dispersion
April (Week-4)	Presentation and Test and revision

Lesson Plan

January 2024 to April 2024

Name of the Assistant/ Associate Professor: **Neeru Sharma**

Class and Section: **B.A-II Theory**

Subject: **Geography**

Paper: **Human Geography**

Months & Week	Topics
January (Week-3)	Nature and scope of Human Geography, Branches of Human Geography, Approaches to the Study of Human Geography
Jan (Week-4)	Division of Mankind : Spatial distribution of race and tribes of India
February (Week-1)	Concept of man- environment relation : A historical approach Class discussion and test
February (Week-2)	Human adaptation to the environment (i) Cold region - Eskimo Hot region – Bushman , Plateau – Gonds
February (Week-3)	Mountain Gujjars ; Meaning, Nature and components of resources Class discussion and Test
February (Week-4)	Classification of resources- renewal and non- renewable Classification of resources – biotic and abiotic, recyclable and non- recyclable
March (Week- 1)	Distribution, utilization and conservation of biotic and biotic resources
March (Week- 2)	Distribution and density of world population, Population growth, fertility and mortality patterns
March (Week- 3)	Rural Settlements : Meaning, classification and types, Urban Settlements : Origin, Classification and functioning of Towns Population Pressure,
March (Week- 4)	Revision and Presentation Holi Break
April (Week-1)	Resource use and environment degradation, sustainable development, concept of deforestation, soil erosion, air and water pollution
April (Week-2)	Concept of over, under and optimum population, Population theories
April (Week-3)	Assignment Presentation Revision of all topics and discussion of students problem
April (Week-4)	Assignment Presentation Revision of all topics and discussion of students problem

Lesson Plan 2023-24

Name of the Assistant/ Associate Professor: Dr. Urmila Sabharwal

Class and Section: M.A. (P) 1st Semester

Subject: Geography

Paper: Statistical methods in geography

July (Week -3)	Statistics, Geography and statistics; Significance of statistics in geographical studies;
July (week-4)	Primary and secondary data; levels of data measurement; Nominal, ordinal, interval and ratio.
August (Week- 1)	Measures of central tendency; Arithmetic mean, Median, Mode and their geographical significance.
August (Week-2)	Centographic techniques; Mean centre, Median centre and standard Distance.
August (Week-3)	Test, Measures of dispersion and concentration;
August (Week-4)	Mean deviation, Standard deviation.
September (Week-1)	Coefficient of Variation, Lorenz curve.
September (Week-2)	Gini's coefficient;
September (Week-3)	Location Quotient.
September (Week-4)	Correlation and regression, Scatter diagram.
October (Week-1)	Test, correlation by Spearman's rank difference.
October (Week-2)	Karl Pearson's product Moment.
October (Week-3)	Significance of testing of correlation.
October (Week- 4)	Regression analysis regression equation construction of regression line. Computation of residuals and mapping.
November (Week-1,2 and 4)	Presentation, Group Discussion & Revision of all topics and discussion of student's problem.

Lesson Plan:

July to Dec. 2023

Class: BA III Geo-Hons Paper: World Regional Geography Teacher: Joginder Ahlawat

July	Week 4	Geographic realms, regions and regional geography
August	Week 1	Criteria for realms and regions,
	Week 2	world geographic realms.
	Week 3	world geographic realms.
	Week 4	world geographic realms.
September	Week 1	Natural regions of the world- location, climate, human life.
	Week 2	location, climate, human life and economic life of- equatorial&monsoon
	Week 3	location, climate, human life and economic life of tropical deserts
	Week 4	location, climate, human life and economic life ofMediterranean & taiga regions
October	Week 1	Major industrial regions of Japan and USA
	Week 2	Major industrial regions of China and India Class: Test
	Week 3	Cultural regions of the world on the basis of religion: Americas & Europe
	Week 4	Cultural regions of the world on the basis of religion. Asia, Oceania & Africa Class: Presentation
November	Week 1	Regional geography of South Asia: physiographic divisions
	Week 2	Regional geography of South Asia: demographic characteristics
	Week 3	Regional geography of South Asia: industrialization.
	Week 4	Regional geography of South Asia: urbanization. Class Test

Lesson Plan:

July to Dec. 2023

Class: BA III Geo-Hons Paper: Modern Geographical thoughts Teacher: Joginder Ahlawat

July	Week 4	Introduction to syllabi and understanding importance of geographical thoughts for geography students.
August	Week 1	Paradigms in geography
	Week 2	Paradigms in geography
	Week 3	Nomothetic approaches in geography: and ideographic; concept of region; space and place in geography.
	Week 4	Understanding the approaches in geography
September	Week 1	Ideographic approaches in geography.
	Week 2	Nomothetic approaches in geography: and ideographic
	Week 3	Test and class Presentation
	Week 4	concept of region; space and place in geography
October	Week 1	concept of space in geography
	Week 2	concept of place in geography
	Week 3	Test and Presentation
	Week 4	Contemporary approaches in geography: Positivism
November	Week 1	Contemporary approaches in geography: Behaviouralism
	Week 2	Contemporary approaches in geography: Humanism
	Week 3	Contemporary approaches in geography: radicalism
	Week 4	Test and Presentation

Lesson Plan:

January to April 2024

Class: BA III Geo-Hons Paper: Economic Geography Teacher: Joginder Ahlawat

January	Week 1	Nature Economic Geography: Definition, development and history
	Week 2	Scope Of Economic Geography: Field and Relation to other Branches of social sciences.
	Week 3	Location and spatial organization of economic activities: an overview.
	Week 4	Location and spatial organization of economic activities: Primary, activities. Unit Test
February	Week 1	Mineral resources: iron ore
	Week 2	Mineral resources: bauxite
	Week 3	Power resources: coal, petroleum, nuclear and hydroelectricity
	Week 4	Major industries: iron and steel, textiles, petrochemical
March	Week 1	Theory of industrial location (Weber)
	Week 2	Agricultural regions of the world (Derwent Whittlesey)
	Week 3	Principal crops: wheat and rice, sugarcane and tea
	Week 4	Vacation Break
April	Week 1	Theory of agricultural location: Von Thunen
	Week 2	Trade and Transport: introduction to main features of international trade and transport means.
	Week 3	transport cost, accessibility and connectivity, major oceanic routes of the world.
	Week 4	Presentations and Test

January to April 2024

Class: BA III Geo-Hons Paper: Oceanography Teacher: Joginder Ahlawat

January	Week 1	Nature and scope of Oceanography: Definition, development and history
	Week 2	Scope Of Economic Geography: Field and Relation to other Branches of knowledge.
	Week 3	Understanding ocean: slope and bottom: an introduction
	Week 4	Understanding ocean: Continental selves
February	Week 1	Understanding ocean:Continental slope
	Week 2	Understanding ocean: Deep Sea plains
	Week 3	Understanding ocean: trenches and ridges
	Week 4	Understanding: bottom relief of Indian ocean
March	Week 1	Understanding: bottom relief of Atlantic Ocean
	Week 2	Unit test & Presentation
	Week 3	Factors affecting ocean temperature
	Week 4	Distribution of ocean temperature: horizontal and vertical
April	Week 1	Ocean salinity: Introduction and Composition
	Week 2	Factors affecting ocean salinity
	Week 3	horizontal and vertical distribution of ocean salinity
	Week 4	Presentations and Test

LESSON PLAN

JANUARY 2024 –APRIL 2024

Name of Associate Professor: Dr.Pardeep Malik

Class: B.A Geog. (H) 4thSem

Subject: Geography

Paper: Statistical Techniques in Geography

Month	Topic
January (week 2)	Meaning of Statistics: Classification and Tabulation of Statistical Data
January (week 3)	Representation of Statistical Data: Line, Bar Diagram, Histogram Ogives
January (week 4)	Significance of Statistical Techniques in Geography
February (week 1)	Measures of Central Tendency: Mean, Median
February (week 2)	Measures of Central Tendency: Median and Mode
February (week 3)	Partition Values: Quartile, Pentile
February (week 4)	Partition Values: Pentile & Percentile
March (week 1)	Mean Deviation, Standard Deviation
March (week 2)	Co-efficient of Variation, Lorenz's Curve
March(week3)	Correlation (Karl Pearson)
April (week1)	Correlation (Spearman) & Tests
April (week2)	Significance Testing of Correlation & Test
April (week 3)	Significance Testing of Correlation & Co-efficient of Determination
April (Week 4)	Revision

LESSON PLAN

JULY 2023 – November 2023

Name of Associate Professor: Dr. Pardeep Malik

Class: B.A Geog. (H) 3rd Sem

Subject: Geography

Paper: Geography of India

Month	Topic
July (week 4)	Introduction of Subject
August (week 1)	Drainage System, Climate
August (week 2)	Climatic Regions (Koeppen)
August (week 3)	Soil and Natural Vegetation
August (week 4)	Minerals and Power Resources (Iron Ore, Coal & Petroleum)
September (week 1)	Multipurpose Project: Irrigation, Major Industries: Iron & Steel
September (week 2)	Major Industries: Cotton Textile, Sugar & Automobile
September (week 3)	Major Crops: Rice, Wheat & Sugarcane
September (week 4)	Major Crops: Cotton & Tea, Green Revolution and its Consequences
October (week 1)	Macro Regions of India (Agricultural & Industrial)
October (week 2)	Population Growth: Trends & Patterns
October (week 3)	Sex and Age Structure & Assignments
October (week 4)	Literacy and Urbanization & Test
November (Week 1)	Revision & Test
November (Week 2)	Revision & Presentation

LESSON PLAN

JULY 2023 – November 2023

Name of Teacher: Dr. Partibha

Class: B.A Geog. (H) 3rd Sem

Subject: Geography

Paper: Geography of India

Month	Topic
July (week 4)	Introduction of Subject
August (week 1)	Drainage System, Climate
August (week 2)	Climatic Regions (Koeppen)
August (week 3)	Soil and Natural Vegetation
August (week 4)	Minerals and Power Resources (Iron Ore, Coal & Petroleum)
September (week 1)	Multipurpose Project: Irrigation, Major Industries: Iron & Steel
September (week 2)	Major Industries: Cotton Textile, Sugar & Automobile
September (week 3)	Major Crops: Rice, Wheat & Sugarcane
September (week 4)	Major Crops: Cotton & Tea, Green Revolution and its Consequences
October (week 1)	Macro Regions of India (Agricultural & Industrial)
October (week 2)	Population Growth: Trends & Patterns
October (week 3)	Sex and Age Structure & Assignments
October (week 4)	Literacy and Urbanization & Test
November (Week 1)	Revision & Test
November (Week 2)	Revision & Presentation

Environmental Geography

Lesson Plan

2023-24

Week of the Month	Topics to be Taught
15-21 st January	Nature and scope of Environmental Geography, Fundamental Concepts, Approaches and Methods
22-29 th January	Relationship with other branches of Knowledge, Meaning, structure and type of Environment
30 Jan- 7 th February	Ecology-meaning, scope and concepts, Sub-division of Ecology
8-15 th February	Meaning and concept of Ecosystem, Classification and components of Ecosystem
16-23 rd April	Trophic structure, Ecological Pyramid, Energy flow and biogeochemical cycle, Ecological regions of India
24-29 th February	Meaning, types, sources, causes and impacts of air, water and land pollution
1-7 th March	Nature, process, types and causes of Environmental Degradation
8-15 th March	Green House Effect and Global Warming
16- 23 rd March	Ozone Depletion and Desertification
24- 30 th March	Environmental management-concept, methods and Approaches
1-7 th April	Management of soil, forest and mineral resources, Disaster Management
8-15 th April	Conservation of Natural Resources, Emerging Environmental issues and problems in India
16- 23 th April	Environmental policies, programs, awareness and movements in India

Lesson Plan 2022-23

Name of the Assistant/ Associate Professor: Dr. Anil Kumar

Class and Section: M.A. (Final) 3rd Semester

Subject: Geography

Paper: Oceanography

July (Week -3)	The nature and scope of Oceanography, major sea voyages Development of Oceanography,
July (Week -4)	Development of Oceanography and relationship with other sciences;
August (Week-1)	Distribution pattern of land and sea, Origin of ocean basins
August (Week-2)	Continental Drift theory: Taylor and Wegner's drift hypothesis,
August (Week-3)	Sea floor spreading and Plate Tectonics
August (Week-4)	Depth of Ocean, Ocean Floor profile- continental shelf, slope ,ridge and deeps, abyssal plains.
September (Week-1)	Submarine canyons; coral reefs : Origin and distribution
September (Week-2)	Ocean deposits, Configuration of ocean floors of Indian Ocean and Atlantic Ocean.
September (Week-3)	Temperature of Oceans; salinity in Oceans,
September (Week-4)	Density of Oceans,(Assessment-1)
October (Week-1)	Ocean currents of Atlantic, Pacific and Indian Ocean.
October (Week-2)	Tides and origin ; Tsunami, (Test and Assessment-2)
October (Week-3)	Ocean currents and their impact on climate and economy, Ocean as source of food , mineral and energy resources.
October (Week- 4)	Sea level changes; evidences, mechanism and their impact, Presentation
November (Week-1 &2)	Presentation, Group Discussion & Revision of all topics and discussion of student's problem

LESSON PLAN

Name of the Assistant Professor:Rajesh Kumar
Class and Section:BA II Geog. Hons. Sem-4 (2023-24)
Subject: Geography
Paper:Climatology
January
Week 1 Meaning and scope of Climatology, Climate and Weather
Week 2 elements of climate, Factors affecting climate
Week 3 composition and structure of atmosphere,
Week 4 atmospheric temperature: vertical and horizontal distribution
February
Week1 Atmospheric pressure and wind distribution
Week 2 Atmospheric moisture: humidity, evaporation and forms of condensation,
Week 3 types of precipitation, world patterns of rainfall
Week 4 Air masses: concepts and classification
March
Week 1 atmospheric disturbances,Tropical Cyclone
Week 2 temperate cyclones
Week 3 Anticyclones
April
Week 1 Climatic regions;Introduction
Week 2 Classification of Koppen
Week 3 climate changes and Global warming: evidences, causes
Week 4 consequences and measure of its control

LESSON PLAN

Name of the Assistant Professor: Rajesh Kumar
Class and Section: MA Geog. Sem-4 (2023-24)
Subject: Geography
Paper: Geographical Thought
January
Week 1 Modern Geography Since 1950s.
Week 2 Quantitative Revolution
Week 3 Quantitative Revolution: Criticism
Week 4 Quantitative Revolution: Conclusion
February
Week 1 Positivism
Week 2 Locational analysis
Week 3 Reaction to positivism
Week 4 Humanistic approach
March
Week 1 Behavioural approach
Week 2 Radical approach
Week 3 Structuralism
April
Week 1 Post Structuralism
Week 2 Post colonial critique
Week 3 Feminist Geography
Week 4 Neoliberalism and globalization

Lesson Plan

Name of Teacher: Dr Kuldeep Malik

Class MA 1st Sem. Session 2023-24

Subject: Geomorphology

Week	Topic
July 3 rd week	Geomorphology - Definition, Nature and scope, History and development of geomorphic ideas, Fundamental concepts - Uniformitarian's
July 4 th week	Geological structure, process and stage; The Earth's interior - structure and constitution, Recent Views
August 1 st week	Plate tectonics- meaning and concept; plates, plate margins and boundaries; plate motion;
August, 2 nd week	Tectonic activities along the boundaries and Distribution of plates
August , 3 rd week	Vacation
August , 4 th week	Endogenetic processes - Faulting, folding and their geomorphic expressions
September, 1 st week	earthquake concept, causes, classification, intensity and magnitude, Geographical distribution.
September , 2 nd week	Vulcanism - concept, mechanism and causes; Volcanoes- classification, volcanic materials; Topography associated with volcanicity and geographical distribution
September , 3 rd week	Exogenetic processes: Weathering - meaning and concept, controlling factors, classification and significance
September , 4 th week	Exogenetic processes: mass wasting - meaning and concept, controlling factors .
October, 1 st week	mass wasting classification and significance
October, 2 nd week	Dynamics of fluvial,
October, 3 rd week	Dynamics of aeolian
October,, 2 nd week	Glacial and karst processes and resulting landforms;
October, 3 rd week	Applied Geomorphology - meaning; Applications of Geomorphology in Regional planning
October, 4 th week	Engineering projects, mineral exploration and hydrology.
November, 1 st week	Regional Geomorphology of Punjab plain, Aravalli Region and
November, 2 nd week	Thar desert of India
November, 3 rd week	Dewali Vacation
November, 4 th week	Assignment and Unit Test

Lesson Plan

Name of Teacher: Mrs. Archana Malik

Class B.A. HONS Geography 3rd Sem. Session 2023-24

Subject: Regional Planning

WEEK	TOPIC
JULY 4 TH WEEK	CONCEPT OF REGION
AUGUST 1 ST WEEK	TYPES OF REGION
AUGUST 2 ND WEEK	METHODS OF DELINEATION OF REGION
AUGUST 3 RD WEEK	GROWTH AND DEVELOPMENT
AUGUST 4 TH WEEK	CONCEPT OF REGIONAL DEVELOPMENT
SEPTEMBER 1 ST WEEK	GROWTH AND DEVELOPMENT THEORIES: GROWTH POLE THEORY
SEPTEMBER 2 ND WEEK	SPATIAL DIFFUSION THEORY
SEPTEMBER 3 RD WEEK	CUMULATIVE-CAUSATION MODEL, :POLARIZATION AND TRICKLE DOWN EFFECTS
SEPTEMBER 4 TH WEEK	HUMAN DEVELOPMENT INDEX & ITS INDICATORS
OCTOBER 1 ST WEEK	REGIONAL PATTERNS OF DEVELOPMENT AND IMBALANCES IN INDIA
OCTOBER 2 ND WEEK	PLANNING FOR REGIONAL DEVELOPMENT
OCTOBER 3 RD WEEK	ROLE OF AGRICULTURE, INDUSTRY, AND INFRASTRUCTURE IN REGIONAL DEVELOPMENT
OCTOBER 4 TH WEEK	FIVE YEAR PLANES IN INDIA: FEATURES, OBJECTIVES AND ASSESSMENT
NOVEMBER 1 ST WEEK	PROGRAMMES ON POVERTY ALLEVATION WITH SPECIAL REFERENCE TO THE POST ECONOMIC REFORM PERIOD
NOVEMBER 2 ND WEEK	PROGRAMMES ON UNEMPLOYMENT WITH SPECIAL REFERENCE TO THE POST ECONOMIC REFORM PERIOD
NOVEMBER 3 RD WEEK	DEWALI VACATION
NOVEMBER 4 TH WEEK	ASSIGNMENTS AND UNIT TEST

LESSON PLAN

JANUARY 2024 –APRIL 2024

Name of Professor: Dr. Anil Kumar

Class: M.A. Geography 4th Semester

Subject: Geography

Paper: **Geography of Tourism (17GEO24DA2)**

Week	Topic
January (week 3)	Introduction about Tourism and definition, Nature of Tourism, Scope of Tourism Geography,
January (week 4)	Motivational factors of Tourism, Robinson's classification of motivational Tourism,
February (week 1)	Tourism: Product and typology; Infrastructure and support system of tourism:
February (week 2)	Accommodation and supplementary accommodation; Agencies and intermediaries
February (week 3)	Agencies and intermediaries & (1 st Assignment)
February (week 4)	Impact of tourism: Physical, economic and social, perceptual positive and negative impacts;
March (week 1)	Tourism paradigms: Ethnic and cultural tourism, heritage tourism,
March (week 2)	Sustainable tourism and ecotourism.
March (week 3)	Regional dimensions of tourism in India: Himalayan region,
April (week 1)	Northern Plains and The Thar Desert,
April (week 2)	Deccan plateau, Coastal Plains and the islands. (2 nd Assignment)
April (week 3)	PPT's
April (week 4)	PPT's / Revision,

Lesson Plan

January 2024 to April 2024

Name of the Assistant/ Associate Professor : **Wazir Singh**

Class and Section: **B.A-I (Geography Hons.)**

Subject: **Geography**

Paper: **Fundamentals of Human Geography**

Months & Week	Topics
Jan (Week-3)	Nature and Scope of Human Geography
Jan (Week-4)	Branches of Human Geography
February (Week-1)	Man Environment relationship, Determinism and possibilism
February (Week-2)	Evolution of Man, Classification and Characteristics of Races
February (Week-3)	Human adaptation to environment: Eskimo, Bushman
February (Week-4)	Pygmy, Naga, Bhil.
March (Week- 1)	Classification of economic activity: Primary, Secondary, Tertiary.
March (Week- 2)	Von Thunen's Model of agricultural Location
March (Week- 3)	Edward Ullman's Model of Spatial interaction
April (Week-1)	Types and patterns of settlement with reference to India
April (Week-2)	Christaller's central place theory.
April (Week-3)	Revision and Test
April (Week-4)	Revision and Test

Lesson Plan

January 2024 to April 2024

Name of the Assistant/ Associate Professor: **Sumit Kumar**

Class and Section: **B.A 2ndSemester pass course**

Subject: **Geography**

Paper: **Physical Geography I**

January 3rd and 4th Week	Nature and scope of Physical Geography
February (Week-1)	Interior of earth and Geological time scale
February (week-2)	Rocks and Earth Movement :orogenic and eperogenic
February (week-3)	Earth Quake and volcanism
February (Week-4)	Theory of Isostasy and Theory of continental drift
March (Week-1)	Plate Tectonic Theory
March (Week-2)	Weathering :Its causes and types
March (Week-3)	Mass movement : Its causes types and impact
April (Week-1)	Concept of cycle of Erosion, Cycle of erosion by Davis
April (Week-2)	Landforms created by winds and river
April (Week-3)	Landforms created by glaciers, sea waves and underground water
April (Week-4)	Presentation and Test

Lesson Plan

January 2024 to April 2024

Name of the Assistant/ Associate Professor: **Dinesh Rana**

Class and Section: **B.A 2ndSemester pass course**

Subject: **Geography**

Paper: **Physical Geography I**

January 3rd and 4th Week	Nature and scope of Physical Geography
February (Week-1)	Interior of earth and Geological time scale
February (week-2)	Rocks and Earth Movement :orogenic and eperogenic
February (week-3)	Earth Quake and volcanism
February (Week-4)	Theory of Isostasy and Theory of continental drift
March (Week-1)	Plate Tectonic Theory
March (Week-2)	Weathering :Its causes and types
March (Week-3)	Mass movement : Its causes types and impact
April (Week-1)	Concept of cycle of Erosion, Cycle of erosion by Davis
April (Week-2)	Landforms created by winds and river
April (Week-3)	Landforms created by glaciers, sea waves and underground water
April (Week-4)	Presentation and Test

LESSON PLAN

Name of the Assistant Professor:Sandeep
Class and Section:BA III Geog. Hons. Sem-6 (2023-24)
Subject: Geography
Paper:Political Geography 603(2)
Jan
Week 3 Introduction to Political Geography and Nature of Political Geography
Week 4 Basic Concepts ofPolitical Geography
Feb
Week 1 Nature and Scope of Political Geography
Week 2 Relationship of Political Geography with other branches of Social Sciences.
Week 3 Approaches to study of Political Geography
Week 4 Morphological Approaches to study of Political Geography
March
Week 1 Functional Approaches to study of Political Geography
Week 2 Semester break
Week 3 Characteristics of states
Week 4 Frontier and boundary, types and functions
April
Week 1 Mackinder, Spykman Theory
Week 2 Mahan, Seversky Theory
Week 3 Unitary and Federal Govt.
Week 4 Electoral abuse, Malapportionment,

LESSON PLAN

Name of the Assistant Professor: Sandeep
Class and Section: MSc Physics Sem. II 2023-24
Subject: Foundation Elective Courses
Paper: Geography in Everyday Life (16GEOF1)
Jan
Week 3 Geography and Environment
Week 4 Geography and Environment
Feb
Week 1 Geography and Social Sciences
Week 2 Geography and Social Sciences
Week 3 Geography and Social Sciences
Week 4 Geography and Development
March
Week 1 Geography and Planning
Week 3 Geography and Governance
Week 4 Geography and Governance
Week 5 Geography and Governance
April
Week 1 Geography and Globalization
Week 2 Geography and Disasters;
Week 3 Geography and Disasters
Week 4 Geography and Cartography
May
Week 1 Geography and Cartography
Week 2
Revision

LESSON PLAN

JANUARY 2024 –APRIL 2024

Name of Associate Professor: Dr. Urmila Sabharwal

Class: M.A. Geography 2ndSem

Subject: Geography

Paper: Geography of India

Week	Topic
January(week 3)	Physiographic division of India; Drainage systems
January (week 4)	Mechanism of Indian monsoons and climatic regions of India
February (week 1)	Types of soils and natural vegetation; Distribution and density of population
February (week 2)	Demographic attributes; sex-ratio, literacy rate and work force
February (week 3)	Population problems and policies
February (week 4)	Characteristics of Indian agriculture and its development since independence
March (week 1)	Test; Agricultural region of India
March (week 2)	Major industrial regions of India; domestic and international trade patterns
March (week 3)	Transportation network
April (week 1)	Evolution of administrative map of India since independence
April (week 2)	Disputes of river water sharing amongst states with reference to SYL; Inter -linking of rivers
April (week 3)	Terrorism problems of internal security; Population explosion and food security
April (week 4)	Presentation

Lesson Plan

January 2024 to April 2024

Name of the Assistant/ Associate Professor: **Archna Malik**

Class and Section: **B.A 2nd 3rd sem. (Hons)**

Subject: **Geography**

Paper: **Population Geography**

January 3rd and 4th Week	Nature and scope of Population Geography
February (Week-1)	Sources and types of population data: census,
February (week-2)	Sample surveys and vital registration system.
February (week-3)	World population: growth, causes and consequences;
February (Week-4)	Factors affecting population distribution
March (Week-1)	Migration: types and determinants.
March (Week-2)	Population characteristics: fertility and mortality
March (Week-3)	Age and sex structure, occupational structure.
April (Week-1)	Population Theories: Malthus and Marx;
April (Week-2)	Demographic transition theory; problems of population growth in India
April (Week-3)	Population policy in India.
April (Week-4)	Presentation and Test

Lesson Plan

Name of the Assistant/ Associate Professor: Sumit Kumar

Class and Section: B.A-I (Geography Pass Course) IST SEM.

Subject: Geography

Paper: Geography of India

	Topics
July 4th week	Introduction to India: Location and relief structure
August (Week-1)	Drainage systems of india
August (Week-2)	Climate and soils of India
August (Week-3)	Natural vegetations of India
(Week-4) August	Natural disasters in India
Septemer(Week-1)	Population: distribution and density
Septemer(Week-2)	Growth and compositions of population in India
Septemer (Week-3)	Revision and Test
Septemer (Week-4)	Migration, Human settlement types and level of Urbanisation
October (Week-1)	Land resources, irrigation, regional variation in cropping pattern
October (Week-2)	Green Revolution and Problems of Indian agriculture Assignment and Presentation
October (Week-3)	Energy and mineral resources: coal, petroleum, hydroelectricity and nuclear energy
October (Week-4)	Iron ore, manganese and mica; Industries – iron and steel
November (Week-1)	Cotton textile, sugar and petrochemical industries; and industrial regions of India
November (Week-2)	Modes of transport and communication
November (Week-3)	International trade, changing pattern of export and import.&Test

Lesson Plan

Name of the Assistant/ Associate Professor: DINESH RANA

Class and Section: B.A-I (Geography Pass Course) IST SEM.

Subject: Geography

Paper: Geography of India

	Topics
July 4th week	Introduction to India: Location and relief structure
August (Week-1)	Drainage systems of india
August (Week-2)	Climate and soils of India
August (Week-3)	Natural vegetations of India
(Week-4) August	Natural disasters in India
Septemer(Week-1)	Population: distribution and density
Septemer(Week-2)	Growth and compositions of population in India
Septemer (Week-3)	Revision and Test
Septemer (Week-4)	Migration, Human settlement types and level of Urbanisation
October (Week-1)	Land resources, irrigation, regional variation in cropping pattern
October (Week-2)	Green Revolution and Problems of Indian agriculture Assignment and Presentation
October (Week-3)	Energy and mineral resources: coal, petroleum, hydroelectricity and nuclear energy
October (Week-4)	Iron ore, manganese and mica; Industries – iron and steel
November (Week-1)	Cotton textile, sugar and petrochemical industries; and industrial regions of India
November (Week-2)	Modes of transport and communication
November (Week-3)	International trade, changing pattern of export and import.&Test

Lesson Plan (Session 2023-24)

Class : B.A. Geography Hons 1st sem

Subject: Introduction to Geography(GE-01)

Name of Teacher: **Mamta Nandal**

Week	Topic
July 4 th week	Concept of the nature of geography
August 1 st week	Concept of the nature of geography revision , core geographical concepts: Location, directions , distance
August 2 nd week	Core geographical concept pattern, Physical and cultural Attributes, Pattern and Process concepts
August 3 rd week	Development of Geography during ancient period, Contribution of Greeks and Romans: Herodotus, Eratosthenes
August 4 th week	Contribution of Strabo and Ptolemy; development of Geography in India during Vedic Period
September 1 st week	Group discussion with students Contribution of Arab Scholars; Ibn Batuta , Ibn Khaldun, Al Biruni
September 2 nd week	Age of Exploration and Discoveries: Contribution to expansion of Geographic Horizons
September 3 rd week	Revival of Geography as scientific discipline Class test
September 4 th week	Contribution of Kant and Varenus
October 1 st week	Dualism in Geography : Systematic and regional geography,
October 2 nd week	Physical and Human geography Dualism
October 3 rd week	Areal Differentiation
October 4 th week	Landscape School
November 1 st week	Locational School
November 2 nd week	Concept of Spatial Organisation Revision of Topic
November 3 rd week	Diwali Vacation
November 4 th week	Assignments and Presentation

January 2024 to April 2024

Name of the Assistant/ Associate Professor : **Mamta Nandal**

Class and Section: **B.A-I (Geography Hons.)**

Subject: **Geography**

Paper: **Ecology and Environment**

Months & Week	Topics
Jan (Week-3)	Meaning and component of Environment, Geography as study of environment
Jan (Week-4)	Man- environment relationship, Ecology and Ecosystem
February (Week-1)	Components of Ecosystem biotic and abiotic , Revision
February (Week-2)	Functional Characteristics of Ecosystems : Food chain And Food Web
February (Week-3)	Ecological Pyramids, Revision
February (Week-4)	Energy flow ; Biomes and its types, Bio diversity, Importance of Biodiversity
March (Week- 1)	Class Test, Causes for the loss of biodiversity, Environmental Pollution Meaning , causes of pollution ; Air pollution,
March (Week- 2)	Noise Pollution , Land Degradation , Water pollution, Depletion of Ozone layer,
March (Week- 3)	Green house effect and climate change, Conservation and management of Environment
March (Week- 4)	Revision Holi break
April (Week-1)	Role of International and national policies, Role of UNO : RIO Summit
April (Week-2)	Kyoto Protocol, Copenhagen summit revision
April (Week-3)	Assignment Presentation Group discussion and Test
April (Week-4)	Revision of all topics and discussion of students problem

Lesson Plan:

July to Dec. 2023

Class: BA III Geo-Hons Paper: Modern Geographical thoughts Teacher: Neeru Sharma

July	Week 4	Introduction to syllabi and understanding importance of geographical thoughts for geography students.
August	Week 1	Paradigms in geography
	Week 2	Paradigms in geography
	Week 3	Nomothetic approaches in geography: and ideographic; concept of region; space and place in geography.
	Week 4	Understanding the approaches in geography
September	Week 1	Ideographic approaches in geography.
	Week 2	Nomothetic approaches in geography: and ideographic
	Week 3	Test and class Presentation
	Week 4	concept of region; space and place in geography
October	Week 1	concept of space in geography
	Week 2	concept of place in geography
	Week 3	Test and Presentation
	Week 4	Contemporary approaches in geography: Positivism
November	Week 1	Contemporary approaches in geography: Behaviouralism
	Week 2	Contemporary approaches in geography: Humanism
	Week 3	Contemporary approaches in geography: radicalism
	Week 4	Test and Presentation

Lesson Plan

January to April 2024

Class: BA III Geo-Hons Paper: Oceanography Teacher: Neeru Sharma

January	Week 1	Nature and scope of Oceanography: Definition, development and history
	Week 2	Scope Of Economic Geography: Field and Relation to other Branches of knowledge.
	Week 3	Understanding ocean: slope and bottom: an introduction
	Week 4	Understanding ocean: Continental selves
February	Week 1	Understanding ocean: Continental slope
	Week 2	Understanding ocean: Deep Sea plains
	Week 3	Understanding ocean: trenches and ridges
	Week 4	Understanding: bottom relief of Indian ocean
March	Week 1	Understanding: bottom relief of Atlantic Ocean
	Week 2	Unit test & Presentation
	Week 3	Factors affecting ocean temperature
	Week 4	Distribution of ocean temperature: horizontal and vertical
April	Week 1	Ocean salinity: Introduction and Composition
	Week 2	Factors affecting ocean salinity
	Week 3	horizontal and vertical distribution of ocean salinity
	Week 4	Presentations and Test

LESSON PLAN
 JULY TO NOVEMBER 2023
 NAME OF TEACHER:- NEERU SHARMA
 CLASS: B.A IIND 3RD SEM
 PAPER:- PHYSICAL GEOGRAPHY

	Topics
July 3 rd and 4 th Week	Introduction of Weather and Climate; Origin of Atmosphere
August (Week-1)	Composition and structure of Atmosphere
August (Week-2)	Insolation, Global Heat budget
August (Week-3)	Horizontal and vertical distribution of temperature
August (Week-4)	Inversion of temperature Revision
September (Week-1)	Atmospheric pressure- measurement and distribution, pressure belts
September (Week-2)	.Planetary winds, Monsoon, Jet Streams El Nino , La Nino Phenomenon and Local Winds
September (Week-3)	Revision and Test Humidity – measurement and variables
September (Week-4)	Evaporation, condensation, precipitation forms and types and distribution
October (Week-1)	Hydrological cycle, Air masses – Concept and Classification
October (Week-2)	Fronts types and their characteristics, Weather disturbances Tropical cyclone
October (Week-3)	Climatic classification by Koppen and climatic change
October (Week-4)	Global warming; Configuration of Oceanic floors and surface relief of pacific Ocean
November (Week-1)	Atlantic and Indian Ocean , Temperature and salinity of ocean
November (Week-2)	Tides, waves and Oceanic currents
November (Week-3)	Circulation in Pacific, Atlantic and Indian Ocean
November (Week-4)	.Oceanic Resources

Lesson Plan 2023-24

Name of the Assistant/ Associate Professor: Dr. Sucheta Yadav

Class and Section: M.A. (Final) 3rd Semester

Subject: Geography

Paper: REMOTE SENSING AND GIS

July (Week -3)	Photogrammetry: History and development, Definition and meaning; Aerial photographs-types, characteristics and Geometry, methods of determining scale.
July (Week -4)	Ground coverage and overlapping; stereoscopes and stereoscopic vision
August (Week-1)	Photomosaics-types and uses; Elements of image interpretation.
August (Week-2)	Remote Sensing technique- Meaning, basic principles/concepts, Remote sensing system and relevance in Geography.
August (Week-3)	Electromagnetic radiations (EMR); Electromagnetic spectrum; interaction of EMR with atmosphere and Earth's surface features; Spectral reflectance.
August (Week-4)	Remote sensing data; Basic principles of thermal and microwave remote sensing.
September (Week-1)	Remote sensing platforms- types and characteristics; Satellite orbits- Near polar and Geostationary orbits; Sensors- types
September (Week-2)	specifications and resolutions; Various artificial satellites series
September (Week-3)	Remote sensing applications in land use/land cover, urban, water resources and environment studies; Remote sensing set up and programmers in India.
September (Week-4)	Geographic Information System (GIS) – Meaning and Basic concepts.
October (Week-1)	Components of GIS; Functions in GIS - data input, storage, maintenance, manipulation, analysis and output (Assessment-1)
October (Week-2)	GIS data - spatial and non-spatial data; Data formats - raster and vector; Data sources (Test and Assessment-2)
October (Week-3)	Integration of Remote Sensing and GIS; Applications of GIS in Geographical studies.
October (Week- 4)	Presentation, Group Discussion & Revision of all topics and discussion of student's problem
November (Week-1 &2)	Presentation, Group Discussion & Revision of all topics and discussion of student's problem

LESSON PLAN
 JULY TO NOVEMBER 2023
 NAME OF TEACHER:- ARUNA
 CLASS: B.A IIND 3RD SEM
 PAPER:- PHYSICAL GEOGRAPHY

	Topics
July 3 rd and 4 th Week	Introduction of Weather and Climate; Origin of Atmosphere
August (Week-1)	Composition and structure of Atmosphere
August (Week-2)	Insolation, Global Heat budget
August (Week-3)	Horizontal and vertical distribution of temperature
August (Week-4)	Inversion of temperature Revision
September (Week-1)	Atmospheric pressure- measurement and distribution, pressure belts
September (Week-2)	.Planetary winds, Monsoon, Jet Streams El Nino , La Nino Phenomenon and Local Winds
September (Week-3)	Revision and Test Humidity – measurement and variables
September (Week-4)	Evaporation, condensation, precipitation forms and types and distribution
October (Week-1)	Hydrological cycle, Air masses – Concept and Classification
October (Week-2)	Fronts types and their characteristics, Weather disturbances Tropical cyclone
October (Week-3)	Climatic classification by Koppen and climatic change
October (Week-4)	Global warming; Configuration of Oceanic floors and surface relief of pacific Ocean
November (Week-1)	Atlantic and Indian Ocean , Temperature and salinity of ocean
November (Week-2)	Tides, waves and Oceanic currents
November (Week-3)	Circulation in Pacific, Atlantic and Indian Ocean
November (Week-4)	.Oceanic Resources

Lesson Plan

January 2024 to April 2024

Name of the Assistant/ Associate Professor: Aruna

Class and Section: **B.A-II Theory**

Subject: **Geography**

Paper: **Human Geography**

Months & Week	Topics
January (Week-3)	Nature and scope of Human Geography, Branches of Human Geography, Approaches to the Study of Human Geography
Jan (Week-4)	Division of Mankind : Spatial distribution of race and tribes of India
February (Week-1)	Concept of men- environment relation : A historical approach Class discussion and test
February (Week-2)	Human adaptation to the environment (i) Cold region - Eskimo Hot region – Bushman , Plateau – Gonds
February (Week-3)	Mountain Gujjars ; Meaning, Nature and components of resources Class discussion and Test
February (Week-4)	Classification of resources- renewal and non- renewable Classification of resources – biotic and abiotic, recyclable and non- recyclable
March (Week- 1)	Distribution, utilization and conservation of biotic and biotic resources
March (Week- 2)	Distribution and density of world population, Population growth, fertility and mortality patterns Rural Settlements : Meaning, classification and types,
March (Week- 3)	Urban Settlements : Origin, Classification and functioning of Towns Population Pressure,
March (Week- 4)	Revision and Presentation Holi Break
April (Week-1)	Resource use and environment degradation, sustainable development, Concept of over, under and optimum population, Population theories
April (Week-2)	Concept of deforestation, soil erosion, air and water pollution
April (Week-3)	Assignment Presentation Revision of all topics and discussion of students problem
April (Week-4)	Assignment Presentation Revision of all topics and discussion of students problem

LESSON PLAN

JANUARY 2024 –APRIL 2024

Name of Professor: Dr .Kuldeep Malik

Class: M.A. Geography 2ndSem

Subject: Geography

Paper: Geography of world Economy

Week	Topic
January(week 3)	Economic Geography: The Stuff of Economic Geography, A brief history, Why Economic Geography?
January (week 4)	Modes of Theorizing in Economic Geography: Political Economy
February (week 1)	Poststructuralist Economic Geography
February (week 2)	Capitalism, Fundamental Concepts: Use-value, Exchange Value, Capital
February (week 3)	Capital and Labour, Capital Accumulation, Capital Accumulation by Dispossession
February (week 4)	Capitalism in Twentieth Century: Organized Capitalism, Disorganized Capitalism. Neo-Liberalism.
March (week 1)	World Economy and the Capitalist mode of production
March (week 2)	The Basic Elements of World Economy: A Single Market, a Multiple State System, the Three-tier structure
March (week 3)	A Space-Time Matrix of the World Economy, Dynamics of World Economy, Spatial Structure of the World Economy
April (week 1)	Economic Development: Globalization or Internationalization,
April (week 2)	Patterns of International Trade
April (week 3)	WTO and Developing Countries,
April (week 4)	Revision, Unit Test

Lesson Plan

January 2024 to April 2024

Name of the Assistant/ Associate Professor: **Archna Malik**

Class and Section: **B.A 2nd 3rd sem. (Hons)**

Subject: **Geography**

Paper: **Population Geography**

January 3rd and 4th Week	Nature and scope of Population Geography
February (Week-1)	Sources and types of population data: census,
February (week-2)	Sample surveys and vital registration system.
February (week-3)	World population: growth, causes and consequences;
February (Week-4)	Factors affecting population distribution
March (Week-1)	Migration: types and determinants.
March (Week-2)	Population characteristics: fertility and mortality
March (Week-3)	Age and sex structure, occupational structure.
April (Week-1)	Population Theories: Malthus and Marx;
April (Week-2)	Demographic transition theory; problems of population growth in India
April (Week-3)	Population policy in India.
April (Week-4)	Presentation and Test

Lesson Plan (Session 2023-24)

Class : B.A. Geography Hons 1st sem

Subject: Fundamentals of Physical Geography (GE-102)

Name of Teacher: **Dr. Wazir Singh**

Week	Topic
July 4 th week	Nature and scope of Physical Geography
August 1 st week	Origin of Theory ; Binary star Hypothesis of Russel, Hypothesis of Otto Schmidt, Gaseous hypothesis of Kant
August 2 nd week	Nebular hypothesis of Laplace: Distribution of land and water,
August 3 rd week	Shape and size of the earth : latitude, longitude, movement: rotation and revolution
August 4 th week	Origin of continent and ocean basin: sliding continents theory of Daly
September 1 st week	Continental drift theory of Wegner: definition and classification of rocks: igneous, sedimentary and metamorphic
September 2 nd week	Earth movements: orogenic and epirogenic
September 3 rd week	Weathering and erosion, Composition and structure of atmosphere
September 4 th week	Insolation and temperature: vertical and horizontal distribution
October 1 st week	Air Pressure and winds: Planetary, periodic and local
October 2 nd week	Relief of ocean floor
October 3 rd week	Temperature and salinity
October 4 th week	Circulation of oceanic water: sea waves
November 1 st week	Ocean Currents: Atlantic, Indian, Pacific ocean
November 2 nd week	Tides: Origin and types
November 3 rd week	Diwali Vacation
November 4 th week	Assignments and Presentation

Lesson Plan

January 2024 to April 2024

Name of the Assistant/ Associate Professor: **Dalel Singh Balhara**

Class and Section: **B.A-II Theory**

Subject: **Geography**

Paper: **Human Geography**

Months & Week	Topics
January (Week-3)	Nature and scope of Human Geography, Branches of Human Geography, Approaches to the Study of Human Geography
Jan (Week-4)	Division of Mankind : Spatial distribution of race and tribes of India
February (Week-1)	Concept of men- environment relation : A historical approach Class discussion and test
February (Week-2)	Human adaptation to the environment (i) Cold region - Eskimo Hot region – Bushman , Plateau – Gonds
February (Week-3)	Mountain Gujjars ; Meaning, Nature and components of resources Class discussion and Test
February (Week-4)	Classification of resources- renewal and non- renewable Classification of resources – biotic and abiotic, recyclable and non- recyclable
March (Week- 1)	Distribution, utilization and conservation of biotic and biotic resources
March (Week- 2)	Distribution and density of world population, Population growth, fertility and mortality patterns
March (Week- 3)	Rural Settlements : Meaning, classification and types, Urban Settlements : Origin, Classification and functioning of Towns Population Pressure,
March (Week- 4)	Revision and Presentation Holi Break
April (Week-1)	Resource use and environment degradation, sustainable development, concept of deforestation, soil erosion, air and water pollution
April (Week-2)	Concept of over, under and optimum population, Population theories
April (Week-3)	Assignment Presentation Revision of all topics and discussion of students problem and Test
April (Week-4)	Assignment Presentation Revision of all topics and discussion of students problem

LessonPlan

Name of Teacher: Dr Satvir

Class MA 1st Sem. Session 2023-24

Subject: Climatology

Week	Topic
July 3 rd week	Nature and Scope of Climatology
July 4 th week	Climatic elements – atmospheric temperature
August 1 st week	Pressure
August, 2 nd week	Moisture
August, 3 rd week	General atmospheric circulations jet stream
August, 4 th week	Weather system and disturbances
September, 1 st week	air-mass
September, 2 nd week	fronts
September, 3 rd week	cyclones, tornades
September, 4 th week	Ocean atmospheric interaction- EI Nino, Monsoon winds.
October, 1 st week	Global climate system - Approaches to climatic classification
October, 2 nd week	Classification of Koppen,
October, 3 rd week	Classification Thornthwaite
October, 2 nd week	Major Climates of the world-tropical and polar.
October, 3 rd week	Climatic changes - evidences, possible causes
October, 4 th week	Global warming
November, 1 st week	Acid rain and problems of acid rain
November, 2 nd week	Revision
November, 4 th week	Assignment and Unit Test

LessonPlan

Name of Teacher: Mr Dalel Singh

Class : B.A. 5thSem. Session 2023-24

Subject:Economic Geography

Week	Topic
July 4 th week	Definition, nature and scope of economics geography
August 1 st week	Scope of Economic Geography
August 2 nd week	Classification of economic activities and impact on Environment
August 3 rd week	Economic Activities and Impact on Environment
August 4 th week	World natural Resources
September 1 st week	World natural Resources
September 2 nd week	Utilization and conservation of natural resource
September 3 rd week	Agricultural Resource
September 4 th week	Minral resource
October 1 st week	Manufacturing industries
October 2 nd week	Manufacturing industries
October 3 rd week	Transport and communication
October 4 th week	Transport and communication
November 1 st week	International trade
November 2 nd week	International trade
November 3 rd week	Dewali Vacation
November 4 th week	Assignments and Unit Test

LessonPlan

Name of Teacher: DR. PARTIBHA

Class : B.A. 5thSem. Session 2023-24

Subject:Economic Geography

Week	Topic
July 4 th week	Definition, nature and scope of economics geography
August 1 st week	Scope of Economic Geography
August 2 nd week	Classification of economic activities and impact on Environment
August 3 rd week	Economic Activities and Impact on Environment
August 4 th week	World natural Resources
September 1 st week	World natural Resources
September 2 nd week	Utilization and conservation of natural resource
September 3 rd week	Agricultural Resource
September 4 th week	Minral resource
October 1 st week	Manufacturing industries
October 2 nd week	Manufacturing industries
October 3 rd week	Transport and communication
October 4 th week	Transport and communication
November 1 st week	International trade
November 2 nd week	International trade
November 3 rd week	Dewali Vacation
November 4 th week	Assignments and Unit Test

LessonPlan

Name of Teacher: Mr Jagmohan

Class : B.A. 5thSem. Session 2023-24

Subject:Economic Geography

Week	Topic
July 4 th week	Definition, nature and scope of economics geography
August 1 st week	Scope of Economic Geography
August 2 nd week	Classification of economic activities and impact on Environment
August 3 rd week	Economic Activities and Impact on Environment
August 4 th week	World natural Resources
September 1 st week	World natural Resources
September 2 nd week	Utilization and conservation of natural resource
September 3 rd week	Agricultural Resource
September 4 th week	Minral resource
October 1 st week	Manufacturing industries
October 2 nd week	Manufacturing industries
October 3 rd week	Transport and communication
October 4 th week	Transport and communication
November 1 st week	International trade
November 2 nd week	International trade
November 3 rd week	Dewali Vacation
November 4 th week	Assignments and Unit Test

Name of the Assistant Professor: Sandeep
Class and Section: BA Geog. Hons. Sem. V 2023-24
Subject: Geography
Paper: Agriculture Geography (503-I)
August
Week I
Nature and scope of Agriculture Geography
September
Week 1 Fundamental concepts
Week 2 Approaches to agricultural geography
Week 3 Physical factors affecting agriculture
Week 4 cultural and institutional factors affecting agriculture
Week 5 World farming systems
October
Week 1 subsistence, commercial, plantation agriculture
Week 2 dairying and mixed farming
Week 3 crop concentration and crop diversification; delineation of crop combination regions
Week 4
Agricultural in India: land-use and cropping pattern; Class Test
November
Week 1
Development of irrigation and agriculture; agricultural efficiency and agricultural productivity
Week 2
Agricultural planning and policies in India
Week 3
Agro-climatic regions of India
Week 4
Green revolution in India;
Week 5
Presentation, Revision

Name of the Assistant Professor: Sandeep
Class and Section: BA Geog. Hons. Sem. V 2023-24
Subject: Geography
Paper: MAP PROJECTIONS, PRISMATIC COMPASS SURVEYING AND FIELD REPORT (505)
August
Week I
Introduction to Map projections
September
Week 1 Exercise of Zenithal projection
Week 2 Exercise of Zenithal projection
Week 4 Exercise of Gnomonic projection
Week 5 Exercise of Stereographic Projection
October
Week 1 Exercise of Conical, Bonne's, Polyconic Projection
Week 2 Exercise of Conical, Bonne's, Polyconic Projection
Week 3 Exercise of Cylindrical, Mercator, Conventional projections
Week 4 Exercise of Cylindrical, Mercator, Conventional projections
November
Week 1 Exercise of Sinusoidal and Mollweide's projections
Week 2 Exercise of Sinusoidal and Mollweide's projections
Week 3 Prismatic Compass Survey: methods and process of surveying
Week 4 elimination of error
Week 5 Geographical Survey: Introduction and methods

Resource Geography

Lesson Plan

2023-24

Week of the Month	Topics
23-31 st July	Nature and scope of Resource Geography, Definition and concept of Resources
1-7 th August	Classification of Resources, Zimmerman Primitive and Advance model of Natural Resource Management
8- 15 th August	Kirk's Decision model, Brookfield System model
16-23 rd August	Use and misuse of soil resource
24-31 st August	Use and Misuse of Forest Resource
1-7 th September	Use and misuse of Mineral resource
8-15 th September	Use and misuse of water resource
16-23 rd September	Future Prospects of Natural Resources
23- 30 th September	Meaning and Concept of Conservation of Natural Resources
1- 7 th October	Resource conservation and Management of Soil Resource
7-14 ^h October	Resource conservation and Management of Water Resource
15- 23 rd October	Resource conservation and Management of Forest Resource
1- 7 th November	Problems of Natural Resource Management in India

Lesson Plan 2023-24

Name of Associate Professor: Sushil Dalal

Class and Section: M.A. (Final) 3rd Semester

Subject: Geography

Paper: Transport Geography

July (Week -3)	Nature and Scope of Transport Geography; Geographic Relevance of Transportation
July (Week -4)	Transport and Development; Conceptual and Theoretical Frameworks of transport geography; Models of Global Relevance
August (Week-1)	The Vance Model; The Rimmer Model; The Taaffe, Morrill and Gould Model
August (Week-2)	Assessment-1
August (Week-3)	Introduction to Modes of Transport; Modal Characteristics of Roads; Railways, Ropeways and Cableways and Airways.
August (Week-4)	Networks, Networks Graphs and Types; Measures of Individual Elements of Transportation Networks:
September (Week-1)	Mileage Matrix, Nodality Matrix, Weighted Mileage Matrix, Weighted Nodality Matrix, Gross accessibility;
September (Week-2)	Connectivity of Networks: Cyclomatic Number, Diameter;
September (Week-3)	Alpha, Beta, Gamma, Eta, Pie, Theta and Iota indices.
September (Week-4)	Test and Assessment-2
October (Week-1)	Growth and Development of Roads in Haryana, Types of Roads,
October (Week-2)	Levels of Road Transport in Haryana,
October (Week-3)	Levels of Road Connectivity in Haryana,
October (Week- 4)	Problems of Road Transport in Haryana
November (Week-1 &2)	Presentation, Group Discussion & Revision of all topics and discussion of student's problem

Lesson Plan 2023-24

Name of Associate Professor: Sushil Dalal

Class and Section: M.A. (Final) 4th Semester

Subject: Geography

Paper: Research Methodology

Week of the Month	Topics to be Taught
16-21 st January	Meaning and Purpose of Research? Types of Research;
22-29 th January	Social Science Research; Identification of Research Question and Literature Surveying;
30 Jan- 7 th February	Methods and Methodology in Human Geography
8-15 th February	Assignment 1
16-23 rd February	Scientific Method in Human Geography; Analytical Steps of the Scientific Method;
24-29 th February	The Routes of Scientific Explanation: Deductive and Inductive forms of reference; Explanation in Geography: Some Problems
1-7 th March	From Quantitative to Qualitative Geography; Qualitative Data Production:
8-15 th March	Interviews (Process of Interviewing, Structure interviews and informal surveys; Depth Interviewing and Working with Groups);
16- 23 rd March	Assignment 2
24- 30 th March	Observation (Participant Observation and Ethnography)
1-7 th April	Process of Research Report Writing;
8-15 th April	Reference styles (Harvard, Chicago), Ethics in Research
16- 23 th April	Presentation, Group Discussion & Revision of all topics and discussion of student's problem

Name of the Assistant Professor: Rajesh Kumar
Class and Section: BA Geog. Hons. Sem. III Session 2023-24
Subject: Geography
Paper: Geomorphology (301)
August
Week IV
Nature and scope of Geomorphology
September
Week 1 Fundamental concepts
Week 2 Theory of Plate tectonics
Week 3 Theory of Isostasy: Pratt and Airy
Week 4 Geological time scale
Week 5 Geological time scale and Class Test
October
Week 1 The earth's interior and Endogenetic forces,
Week 2 Introduction to folds and faults and associated topography
Week 3 Description of volcanoes
Week 4 earthquakes and Class Test
November
Week 1 Exogenetic forces: weathering and mass wasting
Week 2 the work of river, wind, glacier, sea wave and underground water and their associated features
Week 3 Cycle of erosion: Davis and Penk
Week 4 Application of geomorphology to hydrology, economic activities
Week 5 Presentation
December
Week 1 Application of geomorphology in resource exploration, military action,
Week 2 Application of geomorphology in highway construction, dam site selection
Week 3 Presentation and Revision

Name of the Assistant/Associate professor	<i>Devender Sindhu</i>
Class and Section	B.A1 st . Sem. Pass course
Subject	Geography
Paper	<i>Geography of India</i>
Month August	Topic
Week 1	About India
Week 2	India: Location, relief structure.
Week-3	India: Drainage systems. Climate
Week-4	Indian soils, natural vegetation, and natural disasters in India.
Month Sept	Natural disasters in India
Week-1	
Week-2	Population: distribution, density, growth, and composition.
Week-3	Land resources, irrigation
Week-4	Regional variations in cropping pattern, green revolution and problems of Indian agriculture
Month Oct.	Energy and mineral resources: coal, petroleum
Week-1	
Week-2	Hydroelectricity and nuclear energy, iron ore, manganese, and mica
Week-3	Industries- iron and steel, cotton textile, sugar
Week-4	Diwali Holiday
Month Nov.	Industries petrochemical industries; and industrial regions of India
Week-1	
Week-2	Modes of transport and communication, international trade changing pattern of export and import.
Week-3	Assignments & Tests
Week-4	Exam

Name of the Assistant/Associate professor	<i>Devender Sindhu</i>
Class and Section	B.A 2nd. Sem. Pass course
Subject	Geography
Paper	<i>Physical Geography-1</i>
Month January	Topic
Week 1	Definition, Nature, scope, and fields of Physical Geography
Week 2	Physical Geography and its relationship with other Sciences
Week-3	Interior of the earth, and rocks.
Week-4	Geological time scale
Month Feb.	Earth movements; organic, epeirogenic, Earthquakes and volcanoes
Week-1	
Week-2	Theory of isostasy; Wegner's theory of continental drift
Week-3	Plate tectonic theory
Week-4	Weathering; causes and its types.
Month March.	Mass-movements; causes, its types and impacts.
Week-1	
Week-2	Concept of cycle of erosion;
Week-3	Cycle of erosion by W.M. Davis
Week-4	Holi Holiday
Month April.	Process of Wind, River,
Week-1	
Week-2	Process of Underground water, Glaciers
Week-3	Process of Sea waves.
Week-4	Seminars
Month May	Assignments & Tests
Week-1	