

Lesson Plan (2024-2025)
Name of Teacher - Dr. Satvir Singh
Paper- Climatology M.A (P) Ist Sem.

August (Week-1)	Nature and Scope of Climatology
August (Week-2)	Climatic Elements - atmospheric temperature, pressure, moisture
August (Week-3)	General atmospheric circulations, Jet Streams
August (Week-4)	Test and Group Discussion
September (Week-1)	Weather System and Disturbances-air-mass
September (Week-2)	Fronts, Cyclones, Tornadoes
September (Week-3)	Ocean Atmospheric Interaction- El Nino and Monsoon Winds
September (Week-4)	Test and Group Discussion
October (Week-1)	Approaches to climatic Classification, Classification of Koppen and Thornthwaite
October (Week-2)	Major climate of the world - Tropical and Polar
October (Week-3)	Test and Group Discussion
November (Week-1)	Climatic Changes - Evidences, possible cause
November (Week-2)	Global Warming, acid rain and problems of acid rain
November (Week-4)	Assignments, Group Discussion and Test

Lesson Plan (2024-2025)
 Name of Teacher - Dr. Satvir Singh
 Paper- Foundation in Geography
 M.A (P) Ist Sem.

August (Week-1)	Definition, Nature, Scope and Relevance of Geography as a Discipline
August (Week-2)	Place of Geography in the Classification of Knowledge
August (Week-3)	Relevance with other branches of knowledge, Branches of Geography
August (Week-4)	Test and Group Discussions
September (Week-1)	Environment Determinism and Possibilism, Environmentalism
September (Week-2)	Geography as Science of Relationship
September (Week-3)	Geography as Integrated Science
September (Week-4)	Test and Group Discussions
October (Week-1)	Geography as the study of Landscape, Natural and Cultural Landscape
October (Week-2)	The Concept of Area, Space and Region, Genetic and Specific, Formal and Functional Regions
October (Week-3)	Group Discussion, Natural and Cultural Region
November (Week-1)	Define Space, Place and Locality; Absolute and Relative Space; Spatial Distribution and Spatial Organisation
November (Week-2)	Time in Geography, Spatial Relations and Spatial Diffusion
November (Week-4)	Assignment, Group Discussion and Test

Lesson Plan (2024-2025)
 Name of Teacher - Dr. Satvir Singh
 Paper- Field Work
 M.A (F) 3rd Sem.

August (Week-1)	Field Work in Geographical Studies - Role, Value and Ethics
August (Week-2)	Field Techniques- Merits and Demerits, Sources of Data, Collection of Data and Methods of Data Collection
August (Week-3)	Questionnaire and Schedule
August (Week-4)	Group Discussion
September (Week-1)	Discussion about the Processing and Analysis of Data
September (Week-2)	Group Discussion Regarding the Place of Survey
September (Week-3)	Group Discussion Regarding methodology for conducting Field Survey
September (Week-4)	Identification of Research Problem
October (Week-1)	Field Survey (Study Area)
October (Week-2)	Group Discussion
October (Week-3)	Report Writing
November (Week-1)	Evaluation of Report
November (Week-2)	Correction and Sign
November (Week-4)	Correction and Sign

Lesson Plan 2024-25
Sandeep
B.A. III (Geog. Hons.) Semester V
Subject: Geography
Paper: Agriculture Geography(503)

August (Week-1)	Nature and scope of Agriculture Geography
August (Week-2)	Fundamental concepts
August (Week-3)	Approaches to agricultural geography
August (Week-4)	Physical factors affecting agriculture-1
September (Week-1)	Physical factors affecting agriculture-2
September (Week-2)	Test and Assignment-1 Cultural and institutional factors affecting agriculture
September (Week-3)	World farming systems
September (Week-4)	Subsistence, commercial, plantation agriculture
October (Week-1)	Dairying and mixed farming
October (Week-2)	Test and Assignment-2 Crop concentration and crop diversification; delineation of crop combination regions.
October (Week-3)	Agriculture in India: land-use and cropping pattern
November (Week-1)	Development of irrigation and agriculture; agricultural efficiency and agricultural productivity
November (Week-2)	Agricultural planning and policies in India
November (Week-3)	Agro-climatic regions of India
November (Week-4)	Green revolution in India;
December (Week-1)	Presentation, Revision

LESSON PLAN
Session: 2024-25 (ODD SEM)

Name of Teacher- Sandeep

Class- BA Geography DSC Practical (Multidisciplinary Program) Sem. I

Subject- Geography

WEEKS	SYLLABUS
Week1	Nature, subject matter
Week2	Historical development of cartography
Week3	map design and cartographic techniques
Week4	map design and cartographic techniques
Week5	Visual hierarch
Week6	Legibility of map
Week7	Classification of maps;
Week8	Elements of map: direction, index
Week9	Classification of maps
Week10	Elements of map: conventional signs and symbols (point, line and area)
Week11	Elements of map: conventional signs and symbols (point, line and area)
Week12	Map scales: statement scale
Week13	Representative fraction
Week14	Graphical scale
Week15	Representation of relief: contours, hachures, form lines, spot heights.
Week16	representation of relief: bench marks and trigonometrical stations

LESSON PLAN
Session: 2024-25 (ODD SEM)

Name of Teacher- Sandeep
Class- BA Geography Sem. V
Subject- Geography

WEEKS	SYLLABUS
Week1	Principal of map design and layout
Week2	Symbolization: point, line and area symbol
Week3	Symbolization: point, line and area symbol
Week4	Lettering and toponomy
Week5	Mechanics of map construction
Week6	Mechanics of map construction
Week7	Distribution maps
Week8	Qualitative distribution maps
Week9	Qualitative distribution maps
Week10	Choroschematic maps
Week11	Chorochromatic maps
Week12	Isopleth maps
Week13	Choropleth maps
Week14	Dot maps
Week15	Diagrammatic maps
Week16	Prismatic Compass Survey

LESSON PLAN
Session: 2024-25 (ODD SEM)

Name of Teacher- Rajesh
Class- BA Geography Hons. Sem. III
Subject- Geography

WEEKS	SYLLABUS
Week1	Nature and scope of Geomorphology, Fundamental concept
Week2	Theory of Plate tectonics,
Week3	Theory of Isostasy: Pratt
Week4	Theory of Isostasy: Airy
Week5	Geological time scale
Week6	The earth's interior
Week7	Endogenetic forces
Week8	Introduction to folds and faults and associated topography
Week9	Description of volcanoes
Week10	Earthquakes
Week11	Exogenetic forces: weathering and mass wasting
Week12	the work of river, wind, glacier, sea wave and underground water and their associated features
Week13	Cycle of erosion: Davis and Penk
Week14	Application of geomorphology to hydrology, economic activities
Week15	Application of geomorphology in resource exploration, military action
Week16	Application of geomorphology in highway construction, dam site selection

LESSON PLAN
Session: 2024-25 (ODD SEM)

Name of Teacher- Rajesh

Class- BA Geography DSC Practical (Multidisciplinary Program)Sem. I

Subject- Geography

WEEKS	SYLLABUS
Week1	Nature, subject matter
Week2	Historical development of cartography
Week3	map design and cartographic techniques
Week4	map design and cartographic techniques
Week5	Visual hierarch
Week6	Legibility of map
Week7	Classification of maps;
Week8	Elements of map: direction, index
Week9	Classification of maps
Week10	Elements of map: conventional signs and symbols (point, line and area)
Week11	Elements of map: conventional signs and symbols (point, line and area)
Week12	Map scales: statement scale
Week13	Representative fraction
Week14	Graphical scale
Week15	Representation of relief: contours, hachures, form lines, spot heights.
Week16	representation of relief: bench marks and trigonometrical stations

LESSON PLAN
Session: 2024-25 (ODD SEM)

Name of Teacher- Rajesh
Class- BA Geography Sem. V
Subject- Geography

WEEKS	SYLLABUS
Week1	Principal of map design and layout
Week2	Symbolization: point, line and area symbol
Week3	Symbolization: point, line and area symbol
Week4	Lettering and toponomy
Week5	Mechanics of map construction
Week6	Mechanics of map construction
Week7	Distribution maps
Week8	Qualitative distribution maps
Week9	Qualitative distribution maps
Week10	Choroschematic maps
Week11	Chorochromatic maps
Week12	Isopleth maps
Week13	Choropleth maps
Week14	Dot maps
Week15	Diagrammatic maps
Week16	Prismatic Compass Survey

LESSON PLAN
Session: 2024-25 (ODD SEM)

Name of Teacher- Dinesh Rana
CLASS –B.A Ist sem. (HONS)
Subject- Fundamentals of Geomorphology

WEEKS	SYLLABUS
WEEK1	NATURE, SCOPE AND BRANCHES OF GEOGRAPHY
WEEK2	MEANING OF GEOMORPHOLOGY, FUNDAMENTAL CONCEPT OF GEOMORPHOLOGY
WEEK3	PLATE TECTONIC THEORY, THEORY OF ISOSTACY
WEEK4	THEORY OF ISOSTACY ,GEOLOGICAL TIME SCALETEST & GROUP DISCUSSION
WEEK5	THE EARTH'S INTERIOR, ENDOGENETIC FORCES
WEEK6	ENDOGENETIC FORCES
WEEK7	VOLCANISM AND EARTHQUAKE
WEEK8	EXOGENETIC FORCES TEST & GROUP DISCUSSION
WEEK9	CYCLE OF EROSION, WORK OF RIVER
WEEK 10	WORK OF WIND, GLACIER
WEEK 11	WORK OF SEA WAVES, UNDERGROUND WATER
WEEK 12	TEST & GROUP DISCUSSION
WEEK13	APPLICATION OF GEOMORPHOLOGY TO HYDROLOGY, ECONOMIC ACTIVITIES
WEEK 14	RESOURCE EXPLORATION, MILITARY ACTION
WEEK 15	HIGHWAY CONSTRUCTION, DAM SITE SELECTION
WEEK 16	ASSIGNMENTS , GROUP DISCUSSION AND TEST

LESSON PLAN

Session: 2024-25 (ODD SEM)

Name of Teacher- Dr. Sucheta Yadav

CLASS- M.A 3rd SEM

Subject- GIS

WEEKS		SYLLABUS
Week1	August	Introduction to digital environment i.e. file creation and management
Week2		Introduction to GIS software
Week3		Group discussion
Week4		Correction and Sign
Week1	Sept.	Shape file creation of point, line and polygon
Week2		Digitization
Week3		Map layout : title, legend, direction, scale, coordinate information
Week4		Discussion, Correction & Sign
Week1	Oct.	Map preparation of point, linear and areal features(atleast two exercises on each)
Week 2		Map editing
Week 3		Area calculation
Week 4		Discussion, Correction & Sign
Week1	Nov.	Buffer analysis
Week 2		Overlay analysis
Week 3		Discussion, Correction & Sign
Week 4		Doubts discussions

LESSON PLAN
Session: 2024-25 (5 SEM)

Name of Teacher- Aruna

Class- B.A. (Pass Course) 5th Semester

Subject- Geography (economic geography)

WEEKS	SYLLABUS
Week1	Nature and Scope of Economic Geography
Week2	Relationship of Economic Geography with economics and other branches of Social Sciences
Week3	Classification of economic activities- Primary activity
Week4	Secondary activity and Tertiary activity and their impact on environment
Week5	World Natural Resources- Types & Base
Week6	World Natural Resources- Classification
Week7	Conservation and Utilization of Natural Resources
Week8	Spatial Distribution of Food (rice & wheat)
Week9	Cotton and Sugarcane
Week10	Tea, Rubber and Coffee
Week11	Mineral Resources – Coal, Iron ore, Petroleum and Natural Gas
Week12	Manufacturing Industries
Week13	Diwali Vacations
Week14	Transport and Communication
Week15	International Trade
Week16	Revision and Trade

LESSON PLAN

JULY 2024 – November 2024

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 2024-25

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

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

Subject: Geography

Paper: Oceanography

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

Lesson Plan 2024-25

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

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

Subject: Geography

Paper: Disaster management

August (Week-1)	Causes and phases of disaster , Rapid onset and slow onset disaster
August (Week-2)	Nature and geo hazards, Trends in climatology, meteorology and hydrology.
August (Week-3)	Seismic activities
August (Week-4)	Changes in Coastal zone, coastal erosion, beach protection. Coastal erosion due to natural and manmade structures
September (Week-1)	Causes of flooding, Hazards associated with flooding. Flood forecasting. Flood management, Integrated Flood Management and Information System (IFMIS), Flood control.
September (Week-2)	Water related hazards- Structure and nature of tropical cyclone,.
September (Week-3)	Tsunamis – causes and physical characteristics, mitigation of risks
September (Week-4)	Causes and characteristics of ground-motion, earthquake scales, magnitude and intensity, earthquake hazards and risks
October (Week-1)	Volcanic land forms, eruptions, ASSIGNMENTS
October (Week-2)	Early warning from satellites, risk mitigation and training, Landslides.
October (Week-3)	UN draft resolution on Strengthening of Coordination of Humanitarian Emergency Assistance
October (Week- 4)	International Decade for Natural Disaster Reduction (IDNDR),
November (Week-1)	Policy for disaster reduction
November (Week-2)	problems of financing and insurance, ASSIGNMENT -2
November (Week-3)	Group Discussion & Revision of all topics and discussion of student's problem

LESSON PLAN
Session: 2024-25 (ODD SEM)

Name of Teacher- Mr. Dalel Singh Balhara

Class- BA 1st DSC

Subject- Geography

WEEKS	SYLLABUS
Week1	Nature and scope of physical geography
Week2	Interior of earth
Week3	Characteristics and classification of rocks
Week4	Unit 1 Revision
Week5	Geomorphic processes (endogenetic and exogegetic)
Week6	Continental drift theory and sea floor spreading theory
Week7	Plate tectonic theory
Week8	Revision and test
Week9	Classification of landforms first, second, third order
Week10	Volcanoes :types measurement and distribution
Week11	Earth Quake types, measurement and distribution
Week12	Revision
Week13	Denudational processes : Weathering erosion and mass wasting
Week14	Work of rover and wind
Week15	Cycle of erosion :Davis
Week16	Revision and test

Lesson Plan

Session 2024 -25 (Odd Semester)

Name of the Assistant/ Associate Professor: Sumit kumar

Class and Section: **B.A-IIInd year (3rd sem)** Subject: **Geography**

Paper: **Physical Geography - II**

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

Lesson Plan

Session 2024 -25 (Odd Semester)

Name of the Assistant/ Associate Professor: Neeru Sharma

Class and Section: BA 1st year MDC Subject: **Geography**

Paper: **Physical Geography – I**

	Topics
July Week 4	Nature and Scope of Physical Geography, Interior of earth
August (Week-1)	Revision Characteristics and Classification of rocks : Igneous
August (Week-2)	Characteristics and Classification of rocks : sedimentary and metamorphic
August (Week-3)	Geomorphic processes (endogenetic and exogenetic forces) Revision and Test
August (Week-4)	Continental Drift theory, Sea floor spreading theory Revision and Test
September (Week-1)	Plate Tectonic Theory
September (Week-2)	Classification of Landforms (first, Second , third order)
September (Week-3)	Volcanoes
September (Week-4)	Earthquakes types , measurement and distribution
October (Week-1)	Revision and Group discussion
October (Week-2)	Denudational Processes; Weathering
October (Week-3)	Erosion and mass Wasting
October (Week-4)	The work of River
November (Week-1)	The work of Wind
November (Week-2)	Cycle of Erosion (Davis)
November (Week-3)	Revision and test
November (Week-4)	Revision of all topics and discussion of students

Lesson Plan

Session 2024 -25 (Odd Semester)

Name of the Assistant/ Associate Professor: Mamta Nandal

Class and Section: **B.A-IIInd year (3rd sem)** Subject: **Geography**

Paper: **Physical Geography - II**

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

LESSON PLAN
Session: 2024-25 (ODD SEM)

Name of Teacher- Dr. Wazir Singh
Class- B.A. (Pass Course) 5th Semester
Subject- Geography (economic geography)

WEEKS	SYLLABUS
Week1	Nature and Scope of Economic Geography
Week2	Relationship of Economic Geography with economics and other branches of Social Sciences
Week3	Classification of economic activities- Primary activity
Week4	Secondary activity and Tertiary activity and their impact on environment
Week5	World Natural Resources- Types & Base
Week6	World Natural Resources- Classification
Week7	Conservation and Utilization of Natural Resources
Week8	Spatial Distribution of Food (rice & wheat)
Week9	Cotton and Sugarcane
Week10	Tea, Rubber and Coffee
Week11	Mineral Resources – Coal, Iron ore, Petroleum and Natural Gas
Week12	Manufacturing Industries
Week13	Diwali Vacations
Week14	Transport and Communication
Week15	International Trade
Week16	Revision and Trade

LESSON PLAN
Session: 2024-25 (ODD SEM)

Name of Teacher- Dr. Wazir Singh

Class- B.A. 1st Pass Course

Subject- Introductory Cartography (Practical)

WEEKS	SYLLABUS
Week1	Nature and Subject Matter of Cartography
Week2	Historical Developmentof Cartography
Week3	Map Design and Cartographic Techniques
Week4	Visual Hierarchy and legibility of map
Week5	Classification of Maps
Week6	Elements of Map - direction, index, conventional signs
Week7	Elements of Map- Symbols (Point, line and area)
Week8	Map Scales- Statement Scale
Week9	Representative Fraction
Week10	Graphical Scale
Week11	Representation of Relief
Week12	Contours
Week13	Diwali Vacation
Week14	Form lines
Week15	Hachures
Week16	Spot Heights, Bench Marks and Trigonometrical Stations

LESSON PLAN
Session: 2024-25 (ODD SEM)

Name of Teacher- Dr. Wazir Singh

Class- B.A. 2nd Pass Course

Subject- Representation of Climatic Data (Practical Geography/202)

WEEKS	SYLLABUS
Week1	Measurement of Weather elements
Week2	Bar Graph
Week3	Line Graph
Week4	Combined Line and Bar graphs
Week5	Polygraphs
Week6	Climograph
Week7	Hythergraph
Week8	Distribution of Temperature (Isotherms)
Week9	Distribution of Rainfall (Isohytes)
Week10	Distribution of Pressure (Isobars)
Week11	Weather Map Interpretation- January
Week12	Weather Map Interpretation- July
Week13	Diwali Vacation
Week14	Chain and Tape Survey- Definition
Week15	Open Traverse Method
Week16	Closed Traverse Method

LessonPlan

Name of Teacher:MrJagmohan

Class :B.A. 5thSem. Session 2024-25

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	Assignments and Unit Test

LESSON PLAN
Session: 2024-25 (ODD SEM)

Name of Teacher- Dr. Partibha

Class- B.A. 2nd Pass Course III sem

Subject- Representation of Climatic Data (Practical Geography/202)

WEEKS	SYLLABUS
Week1	Measurement of Weather elements
Week2	Bar Graph
Week3	Line Graph
Week4	Combined Line and Bar graphs
Week5	Polygraphs
Week6	Climograph
Week7	Hythergraph
Week8	Distribution of Temperature (Isotherms)
Week9	Distribution of Rainfall (Isohytes)
Week10	Distribution of Pressure (Isobars)
Week11	Weather Map Interpretation- January
Week12	Weather Map Interpretation- July
Week13	Diwali Vacation
Week14	Chain and Tape Survey- Definition
Week15	Open Traverse Method
Week16	Closed Traverse Method

Lesson Plan 2024-25

**Partibha
B.A. III (Geog. Hons.) Semester V
Subject: Geography
Paper: Modern Geographical Thought (501)**

July(Week 4)	Dissuss the Founders of modern geography
August (Week-1)	Contributions of Alexander von Humboldt, Carl Ritter
August (Week-2)	Contributions of Friederich Ratzel
August (Week-3)	Schools of geographical thought: French
August (Week-4)	Schools of geographical thought: British
September (Week-1)	Schools of geographical thought :German
September (Week-2)	Schools of geographical thought: American and Rivision
September (Week-3)	Paradigms in geography
September (Week-4)	Approaches in geography: nomothetic and ideographic and Tests
October (Week-1)	Concept of region
October (Week-2)	Assignments and UTs
October (Week-3)	Space and place in geography.
November (Week-1)	Contemporary approaches in geography: positivism
November (Week-2)	Behaviouralism
November (Week-3)	Humanism
November (Week-4)	Radicalism
December (Week-1)	Assignment Presentations and Rivision

LESSON PLAN

Name of Teacher: Dr Sucheta Yadav

Class: MA 3rd ODD Semester

Subject: Remote Sensing and GIS

Session 2024-25

Week	Topic
July 4 th week	To make understand Introduction and importance of syllabus to students
August 1 st week	Photogrammetry: History and development, Definition and meaning;
August 2 nd week	Aerial photographs-types, characteristics and Geometry, methods of determining scale;
August 3 rd week	Ground coverage and overlapping; stereoscopes and stereoscopic vision; Photomosaics-types and uses;
August 4 th week	Elements of image interpretation Remote Sensing technique- Meaning, basic principles/concepts,
September 1 st week	Remote sensing system and relevance in Geography; Electromagnetic radiations (EMR); Electromagnetic spectrum; interaction of EMR with atmosphere and Earth's surface features
September 2 nd week	; Spectral reflectance; Remote sensing data; Basic principles of thermal and microwave remote sensing.
September 3 rd week	Remote sensing platforms- types and characteristics; Satellite orbits- Near polar and Geostationary orbits;
September 4 th week	Sensors- types, specifications and resolutions; Various artificial satellites series; TEST AND ASSIGNMENT PRESENTATION
October 1 st week	Remote sensing applications in land use/land cover, urban, water resources and environment studies;
October 2 nd week	Remote sensing set up and programmes in India. Geographic Information System (GIS)– Meaning and Basic concepts;
October 3 rd week	Components of GIS; Functions in GIS- data input, storage, maintenance, manipulation, analysis and output;
October 4 th week	TEST AND ASSIGNMENT
November 1 st week	GIS data- spatial and non spatial data; Data formats- raster and vector; Data sources;
November 2 nd week	Integration of Remote Sensing and GIS;
November 3 rd week	Applications of GIS in Geographical studies

LESSON PLAN

Name of Teacher: Dr Kuldeep Malik Class MA 1st ODD

Semester

Subject: Geomorphology

Session 2024-25

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

Lesson Plan

Name of Teacher: Mrs. Archana Malik

Class B.A. HONS Geography 3rd Sem. Session 2024-25

Subject: Regional Development

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	Diwali Break 27/10/24 to 3/11/24
November 1 st week	Five year planes in India: features, objectives and assessment
November 2 nd week	Programmes on poverty alleviation with special reference to the post economic reform period
November 3 rd week	Programmes on unemployment with special reference to the post economic reform period
November 4 th week	Assignments and Unit Test

Lesson Plan 2024-25
Paper: Statistical Methods in Geography
Sushil Dalal
M.A. (P) 1st Semester
Subject: Geography

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

Lesson Plan 2024-25
Sushil Dalal
M.A. (Final) 3rd Semester
Subject: Geography
Paper: Transport Geography

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

Lesson Plan (Session 2024-25)

Class : B.A. 1st sem

Subject: Introduction to Geography (MIC)

Name of Teacher: **Jogender Ahlawat**

Week	Topic
July 4 th week	Geography: Nature, Scope and Branches
August 1 st week	Place of geography in classification of sciences Geography and other disciplines

August 2 nd week	Geography and career
August 3 rd week	Core geographic concepts Location direction, patterns
August 4 th week	World time zones (IST), (international date line)
September 1 st week	interior of earth
September 2 nd week	plate tectonic theory
September 3 rd week	meaning and classification of rocks,
September 4 th week	Composition and structure of atmosphere, Elements of weather and climate
October 1 st week	Atmospheric temperature Insolation and heat budget
October 2 nd week	Vertical and horizontal distribution of pressure Wind circulation
October 3 rd week	Planetary periodic and local winds
October 4 th week	Atmospheric moisture, Humidity, Evaporation and condensation
November 1 st week	Hydrological cycle
November 2 nd week	Type of precipitation Distribution of rainfall
November 3 rd week	Atmospheric pollution- causes, consequences and measures to control atmospheric pollution
November 4 th week	Global warming