

Lesson Plan for Session 2024-25(Odd Semester)	
Department of Geography	
Subject: Geography	Class: M.A First Year, Teacher Name: Dr. Satish Kumar
Paper: Climatology	Paper Code: 17GEO21C2
Date	Topic
12.08.2024 to 17.08.2024	Nature and Scope of Climatology
20.08.2024 to 24.08.2024	Climatic Elements: Atmospheric Temperature & Pressure
27.08.2024 to 31.08.2024	Assignment 1: Climatic Elements: Moisture and Atmospheric Circulation
02.09.2024 to 07.09.2024	Climatic Elements: Moisture and Atmospheric Circulation
09.09.2024 to 14.09.2024	Unit Test-1: Weather System and Disturbances: Air Mass and Fronts
16.09.2024 to 21.09.2024	Revision Unit- 1
23.09.2024 to 28.09.2024	Weather System and Disturbances: Cyclones
30.09.2024 to 05.10.2024	Weather System and Disturbances: Tornadoes
07.10.2024 to 11.10.2024	Assignment 2: Oceanic Atmospheric Interaction- El Nino and Monsoon Winds
14.10.2024 to 19.10.2024	Approaches to Climatic Classification: Koppen
21.10.2024 to 26.10.2024	Unit Test-2: Climatic Classification: Thornthwaite, Major Climates of World
04.11.2024 to 09.11.2024	Climatic Changes: Evidences and Possible Causes
11.11.2024 to 16.11.2024	Climatic Changes: Evidences and Possible Causes
18.11.2024 to 22.11.2024	Assignment 3: Global Warming and Problems of Acid Rain
23.11.2024 to Onward	Unit Test-3: Revision

Lesson Plan of M.A. 1st Semester Resource Geography (24GEO201DS04)

(Dr. Bindu)

(2024-25)

8.8.24 to 10.8.24: Meaning and definition of resource geography

12.08.23 to 17.08.24: Nature and scope of resource geography

20.8.24 to 24.8.24: Relationship of resource geography with other discipline, approaches of the study of Geography of resources

27.8.24 to 31.08.24: Significance of Geography of resources, definition and concept of resources.

2.09.24 to 7.09.24: classification of resources

9.09.23 to 14.09.24: Zimmerman's Primitive and advance models of natural resource process, assignment

16.09.24 to 21.09.24: Kirk's Decision Model

23.09.24 to 28.09.24: Brookfield System Model, class test

30.09.24 to 5.10.24: Soil resources and water resources,

7.10.24 to 11.10.24: Uses and misuse of resources, Forest resources

14.10.24 to 19.10.24: Mineral resources, uses and misuses , assignment and presentation

21.10.24 to 26.10.24: Future prospects of natural resources, tests and submission of assignments

04.11.24 to 9.11.24: Meaning and concept of conservation of natural resources, resource conservation and management methods of soil resources

11.11.24 to 16.11.24: Resource conservation and management method of water resources

18.11.24 to 22.11.24: Forest resources, assignment

23.11.24: Onwards Problems of natural resource management in India and revision

Lesson Plan for Session 2023-24 (Even Semester)
Department of Geography
Class: MA 1st Semester
Teacher Name: Ms. Vandana
Paper: Foundations in Geography(24GEO201DS01)

Date	Topic
22.7.2024 to 27.7.2024	Definition, Nature, Scope and Relevance of Geography as a Discipline;
29.7.2024 to 3.8.2024	Place of Geography in the Classification of Knowledge;
5.8.2024 to 10.8.2024	Relations with Other Branches of Knowledge; Branches of Geography.
12.8.2024 to 17.8.2024	Environmental Determinism and Possibilism;
20.8.2024 to 24.8.2024	Environmentalism;
27.8.2024 to 31.8.2024	Geography as Science of Relationships;
2.9.2024 to 7.9.2024	Geography as Integrated Science.
9.9.2024 to 14.9.2024	Geography as the study of Landscape,
16.9.2024 to 21.9.2024	Natural & Cultural Landscapes,
24.9.2024 to 28.9.2024	The Concept of Area, Space and Region,
30.9.2024 to 5.10.2024	Genetic and Specific, Formal and Functional, Natural and Cultural Regions.
7.10.2024 to 11.10.2024	Defining Space, Place and Locality;
14.10.2024 to 19.10.2024	Absolute and Relative Space;
21.10.2024 to 26.10.2024	Spatial Distribution and Spatial Organisation.
4.11.2024 to 9.11.2024	Time in Geography
11.11.2024 to 16.11.2024	Spatial Relations; Spatial Diffusion.
18.11.2024 onwards	Revision

Session 2024-25
M.A 1st Semester
Geomorphology
Dr. Anju Bala

08.8.2024 to 10.8.2024 : Nature and scope of Geomorphology, history of Geomorphic thoughts

12.08.24 to 17.08.24 : Fundamental concepts of Geomorphology and Earth's interior

20.08.24 to 24.08.24 : Plate tectonics, revision of first unit

27.08.24 to 31.08.24 : Endogenetic processes; Fault and Fold

02.09.24 to 07.09.24 : Volcanism and earthquake

09.09.24 to 14.09.24 : class test of first unit, weathering and mass wasting

16.09.24 to 21.09.24 : seminars

24.09.24 to 28.09.24 : Fluvial and Arid process and landforms

30.09.24 to 05.10.24 : Glacial and Karst process and landforms

07.10.24 to 11.10.24 : class tests of unit 3

14.10.24 to 19.10.24 : Meaning and application of geomorphology in Regional planning

21.10.24 to 26.10.24 : Mineral exploration and Hydrology

04.11.24 to 09.11.24 : Seminars

11.11.24 to 16.11.24 : Regional Geomorphology of Punjab Plain and Aravali region

18.11.24 to 23.11.24 : Thar Desert of India

25.11.24 onwards : Revision of Syllabus

Session 2024-25
M.A 1st Semester
Statistical Methods in Geography
Mrs. Deepak Malik

08.8.2024 to 10.8.2024 : Geography and statistics and significance

12.08.24 to 17.08.24 : Primary and secondary data

20.08.24 to 24.8.24 : Levels of data measurement

27.8.24 to 31.8.24 : Revision of first unit and Mean

02.09.24 to 07.09.24 : Median , Mode and Centographic techniques

09.09.24 to 14.09.24 : class test of Mean, Median and Mode , calculation of Mean Deviation

16.09.24 to 21.09.24 : Standard Deviation and co- Efficient of Variation

24.09.24 to 28.09.24 : Location Quotient and Revision of Mean Deviation and Standard Deviation

30.09.24 to 05.10.24 : Seminar

07.10.24 to 11.10.24 : Lorenze curve and Ginni's co- efficient and class tests

14.10.24 to 19.10.24 : Scatter diagram and Rank Co-relation

21.10.24 to 26.10.24 : Revision of Lorenze curve and Ginni's co- efficient

04.11.24 to 09.11.24 : Karl Pearson Method and Significance of co- relation

11.11.24 to 16.11.24 : Seminar

18.11.24 to 23.11.24 : Regression Analysis, computation of Residuals and mapping

25.11.2024 Onwards : Revision

Lesson Plan of M.A 1st Sem Topographical sheets and Morphometric Analysis (24GEO201SE01)

Dr. Bindu

(2024-25)

8.8.24 TO 10.8.24:- Introduction to maps, definition and types of maps

12.8.24 to 17.8.24: Map scale, conventional map symbols, importance and uses of maps

20.8.24 to 24.8.24: Interpretation of Topographical maps , topographical maps and their types, conventional signs

27.8.24 to 31.8.24:- Identification of physical and cultural details on survey of India Toposheets Drainage Basin and Geographical Significance

2.9.24 to 7.9.24:- Morphometric analysis of drainage basin, its types and geographical significance

Linear Aspects ,stream ordering based on Harton

9.9.24 to 14.9.24:-Stream ordering based on Strahler

16.9.24 to 21.9.24:-Areal Aspects, stream frequency

23.9.24 to 28.9.24:-Drainage density

30.9.24 to 5.10.24:Relief Aspects ,Hypsometric curve

7.10.24 to 19.10.24:-Integral Hypsometric curve

21.10.24 to 26.10.24:-Clinographic curve

4.11.24 to 9.11.24:-Slope Analysis ,Average slope {Wentworth Method}

11.11.24 to 16.11.24:-Relative relief {Smith method}

18.11.24 to 22.11.24:-Profile Analysis-Longitudinal Profile

23.11.24 onwards:-Exercises and file checking

Lesson Plan of Transport of Geography 2024

Dr. Parveen khatri

1/8/24 to 3/8/24: Introduction

5/8/24 to 10/8/24: Nature and Scope of Transport Geography

12/8/24 to 17/8/24: Geographical Relevance of Transport, Transport and Development, Theoretical Framework

19/8/24 to 24/8/24: Models of Global Relevance - The Vance Model

26/8/24 to 31/8/24: TMG Model and Rimmer Model

2/9/24 to 7/9/24: The Modes of Transport, Modal Characteristics

9/9/24 to 14/9/24: Roads, Railways, Pipelines, Ropeways

16/9/24 to 21/9/24: Waterways and Airways

23/9/24 to 28/9/24: Seminars and Tests

30/9/24 to 5/10/24: Structural Analysis of Transport Networks, Networks, Graphs and Types

7/10/24 to 12/10/24: Measures of Individual Elements of Transportation Network, Mileage, Nodality Matrix

14/10/24 to 19/10/24: Weighted Mileage Matrix, Weighted Nodality Matrix, Gross Accessibility

21/10/24 to 26/10/24: Measures of Route Density, Measure of Route Sinuosity, Connectivity of Networks

4/11/24 to 9/11/24: Cyclomatic Number, Diameter

11/11/24 to 16/11/24: Transport Policy, Development and Planning, Transport Development in India, Problems and Issues in Railway Development

17/11/24 to 23/11/24: Road Transport, Growth and Development of Roads, Importance and Problems of Road Transport in India, Road Transport and Regional Development in India

24/11/24 to 30/11/24: Revision

Lesson Plan (Session2024-25)

M.A. Geography, 3rd Semester, Paper- Biogeography (17GEO23D1)

Mrs. JYOTI (Associate Professor)

Date	Topic
22.7.2024 to 27.7.2024	Biogeography : Meaning , Nature, Definition
29.7.2024 to 3.8.2024	Biogeography : Development, Field
5.8.2024 to 10.8.2024	Biogeography : Functions
12.8.2024 to 17.8.2024	Biosphere : Definition, Nature, Scope , composition, class test
20.8.2024 to 24.8.2024	Biogeochemical cycles : definition, Hydrological cycle,
27.8.2024 to 31.8.2024	Carbon cycle, Oxygen cycle, Assignment
2.9.2024 to 7.9.2024	Nitrogen cycle, Phosphorous cycle,
9.9.2024 to 14.9.2024	Sediment cycle, Seminar
16.9.2024 to 21.9.2024	Ecosystem : Meaning, types, components
24.9.2024 to 28.9.2024	Evolution of living organism
30.9.2024 to 5.10.2024	Factors influencing distribution of living organism on earth
7.10.2024 to 11.10 2024	Biomes : meaning, types, Class test
14.10.2024 to 19.10.2024	Biomes : types
21.10.2024 to 26.10.2024	Bio-geographical realms Assignment
4.11.2024 to 9.11.2024	Zoogeography
11.11.2024 to 16.11.2024	Zoogeographical realms
18.11.2024 onwards	Revision

Lesson Plan for Session 2024-25(Odd Semester)	
Department of Geography	
Subject: Geography	Class: M.A Final Year (3 rd Sem.),
Paper: Field Work	Paper Code: 17GEO23CL1
Months	Topic
22/7/2024 to 31/8/2024	Field Work in Geographical studies- Role, Value and Ethics
	Field techniques- Merits and Demerits
	Source of Data- Primary and Secondary
	Collection of data: methods of primary data collection
1/9/2024 to 30/9/2024	Collection of data: methods of primary data collection
	Observation method, interview method
	Through questionnaire, through schedule and other methods
	Questionnaire and Schedule
1/10/2024 to 31/10/2024	Field Visit (Tentative)
	Field Visit (Tentative)
	Processing and analysis of data
	Field Work and Report writing: Identification of research problem
	Data collection through field visit
	Preparing research design- aims and objectives
	Methodology, analysis
1/11/2024 onwards	Interpretation and writing of report
	Interpretation and writing of report
	Interpretation and writing of report

Teachers

Dr. Sushila

Mrs. Manisha

Lesson Plan for Session 2024-25(Odd Semester)	
Department of Geography	
Subject: Geography	Class: B.A First Year (Geo. Minor), Teacher Name: Dr. Satish Kumar
Paper: Introduction to Geography	Course Code: 24GEO401M101
Date	Topic
22.07.2024 to 27.07.2024	Nature and Scope of Geography, Branches of Geography
29.07.2024 to 31.08.2024	Place of Geography in the Classification of Sciences, Geography and others Disciplines
05.08.2024 to 10.08.2024	Career Opportunities for Geographers
12.08.2024 to 17.08.2024	Revision Unit- 1 and Assignment 1
20.08.2024 to 24.08.2024	Core Geographic Concepts: Location, Direction, Patterns
27.08.2024 to 31.08.2024	Unit Test-1 & Core Geographic Concepts: World Time Zone, Indian Standard Time and International Date-Line
02.09.2024 to 07.09.2024	Interior of the Earth, Plate-tectonic Theory
09.09.2024 to 14.09.2024	Meaning and Classification of Rocks: Igneous, Sedimentary and Metamorphic
16.09.2024 to 21.09.2024	Assignment 2: Composition and Structure of the Atmosphere
23.09.2024 to 28.09.2024	Elements of Weather and Climate, Atmospheric Temperature
30.09.2024 to 05.10.2024	Unit Test-2: Insolation and Heat Budget
07.10.2024 to 11.10.2024	Vertical and Horizontal Distribution of Pressure
14.10.2024 to 19.10.2024	Wind Circulation: Planetary, Periodic and Local Winds
21.10.2024 to 26.10.2024	Atmospheric Moisture: Humidity, Evaporation and Condensation
04.11.2024 to 09.11.2024	Assignment 3: Hydrological Cycle; Types of Precipitation, Distribution of Rainfall
11.11.2024 to 16.11.2024	Atmospheric Pollution: Causes, Consequences and Measures to Control
18.11.2024 to 22.11.2024	Atmospheric Pollution and Global Warming
23.11.2024 to Onward	Unit Test-3: Revision

Lesson Plan of B.A. 1st Sem. Geography Practical (Minor)
(2024-2025)

22.7.24 to 27.7.24: Nature of Cartography

29.7.24 to 3.8.24: Subject matter of cartography

5.8.24 to 10.8.24: Historical Development of Cartography

12.8.24 to 17.8.24: Basic concepts of cartography

20.8.24 to 24.8.24: Definition of Map and their classification

27.8.24 to 31.8.24: Applications of Map

2.9.24 to 7.9.24: Elements of Map

9.9.24 to 14.9.24 : Conventional signs and symbols

16.9.24 to 21.9.24: Scale Introduction

24.9.24 to 28.9.24: Plain Scale

30.9.24 to 5.10.24 : Comparative Scale

7.10.24 to 11.10.24 : Time Scale

14.10.24 to 19.10.24: Pace Scale, Revolution Scale

4.11.24 to 9.11.24: Diagonal Scale

11.11.24 to 16.11.24: Latitude and Longitudes

18.11.24 On ward: Revision

Teachers

Mrs. Manisha

Lesson Plan for Session 2024-25 (Odd Semester)
Department of Geography
Class: B. A. 1st Semester,
Teacher Name: Dr. Phool Kumar, Dr. Sushila, Dr. Satish Kumar,
Paper: Physical Geography I (24GEOM401DS01)

Date	Topic
22.07.24 to 27.07.24	Nature and scope of physical geography
29.07.24 to 31.08 .24	Interior of the earth
05.08.24 to 10.08.24	Characteristics and classification of rocks: igneous
12.08.24 to 17.08.24	Sedimentary and metamorphic. Test I
20.08.24 to 24.08.24	Geomorphic processes (endogenetic and exogenetic forces);
27.08.24 to 31.08.24	Continental drift theory
02.09.24 to 07.09.24	Sea floor spreading theory
09.09.24 to 14.09.24	Plate-tectonic theory Assignment-I
16.09.24 to 21.09.24	Classification of landforms (first, second and third order)
23.09.24 to 28.09.24	Volcanoes
30.09.24 to 05.10.24	Earthquakes (types, measurement and distribution)
07.10.24 to 11.10.24	Denudational processes: weathering
14.10.24 to 19.10.24	Erosion
21.10.24 to 26.10.24	Mass wasting Test II
04.11.24 to 09.11.24	The work of river
11.11.24 to 16.11.24	The work of wind
18.11.24 to 22.11.24	Cycle of erosion (Davis) Assignment II
23.11.24 onwards	Revision

Lesson Plan for B.A. 1st semester

Subject: Practical Introductory Cartography

Taught By: Dr. Bindu, Mrs. Vandana and Mrs. Manisha)

(Odd Session 2024-25)

22.7.24 to 27.7.24: Nature of cartography

29.7.24 to 31.8.24: Subject matter of cartography

5.8.24 to 10.8.24:- Historical development of cartography

12.8.24 to 17.8.24: Map design and cartographic techniques

20.8.24 to 24.8.24: Visual hierarchy and legibility of map

27.8.24 to 31.8.24:- Classification of maps

2.9.24 to 7.9.24:- Elements of maps direction and index

9.9.24 to 14.9.24:-Conventional signs and symbols

16.9.24 to 21.9.24:-Map scales statement scale and representative fraction

23.9.24 to 28.9.24:- Plain or linear scale

30.9.24 to 5.10.24: Comparative scale

7.10.24 to 11.10.24:- Time scale

14.10.24 to 19.10.24: Pace scale

21.10.24 to 26.10.24: Revolution Scale

4.11.24 to 9.11.24:-Method of representing relief

11.11.24 to 16.11.24:-Contours

18.11.24 to 22.11.24:- Hachures form lines, spot heights, bench marks and trigonometrical stations

23.11.24 onwards: - File checking

Lesson Plan of B.A. 3rd Semester Geography Theory (2024-25)

22.07.24 to 23.07.24: Meaning and definition of weather and climate, elements of weather and climate

24.07.24 to 27.07.24: Factors affecting climate, atmosphere: meaning, definition and composition of the atmosphere

12.08.24 to 17.08.24: Structure of the atmosphere, chemical composition of the atmosphere

20.08.24 to 24.08.24: Solar radiation. Meaning, insolation, heat budget of the earth, factors affecting insolation

27.08.24 to 31.08.24: Heating and cooling of the atmosphere, temperature, factors controlling temperature

2.09.24 to 7.09.24: Horizontal and vertical distribution of temperature, range of temperature, inversion of temperature

9.09.24 to 14.09.24: Atmospheric pressure and winds

16.9.24 to 21.9.24: Mineral resources, uses and misuses

24.09.24 to 28.09.24: Atmospheric humidity and precipitation

30.09.24 to 5.10.24: Airmass, classification of airmasses, fronts of airmasses

7.10.24 to 11.10.24: Cyclones: meaning and definition, types of cyclones, anticyclones, submission of assignment

14.10.24 to 19.10.24: Koppen's scheme of classification of climate, class test

21.10.24 to 26.10.24: Causes and consequences of climate change, Global warming, classification of ocean floor

4.11.24 to 9.11.24: Classification of ocean floor of Pacific and atlantic ocean, Indian ocean, temperature and salinity of oceanic water

11.11.24 to 16.11.24: Currents of Indian ocean, Atlantic and Pacific ocean, Oceanic resources

18.11.24 to 22.11.24: Onwards revision and test

Teachers

Dr. Vandana

Mrs. Manisha

Dr. Amita Kumari

Lesson Plan of B.A. 3rd Semester Geography Practical (2024-2025)

22.7.24 to 27.7.24: Measurement of temperature

29.7.24 to 3.8.24: Measurement of Rainfall

5.8.24 to 10.8.24: Pressure

12.8.24 to 17.8.24 : humidity

20.8.24 to 24.8.24: Line graph

27.8.24 to 31.8.24 : bar graph

2.9.24 to 7.9.24: Distribution of temperature, isotherms

9.9.24 to 14.9.24 : Hythergraph

16.9.24 to 21.9.24: Climograph

24.9.24 to 28.9.24: Distribution of pressure (Isobars)

30.9.24 to 5.10.24 : weather map interpretation

7.10.24 to 11.10.24 : Chain and tape survey

14.10.24 to 19.10.24 Triangulation method

4.11.24 to 9.11.24: Open traverse method

11.11.24 to 16.11.24: Closed traverse method

18.11.24- 22.11.24: onwards revision

Teachers

Dr. Deepak Malik

Dr. Jyoti

Dr. Anju Bala

Dr. Sushila

Dr. Amita Kumari

Session 2024-25
Lesson Plan
Economic Geography
BA Vth Semester

22.7.24 TO 27.7.24 : Nature and scope of Economic Geography .

29.7.24 TO 3.8.24 :Relationship of economic geography with other branches of social science

5.8.24 TO 10.8.24: Classification of economic activities

12.8.24 TO 17.8.24: Impact of economic activities on environment

20.8.24 TO 24.8.24:Types ,bases and classification of natural resources

27.8.24 TO 31.8.24: Conservation and utilization of natural resources

2.9.24 TO 7.9.24 : Spatial distribution of Rice and wheat

9.9.24 TO 14.9.24: Cotton

16.9.24 TO 21.9.24: sugarcane crops

24.9.24 TO 28.9.24:Plantation crops(tea,rubber and coffee)

30.9.24 TO 5.10.24 :Classification of mineral resources

7.10.24 TO 11.10.24: Distribution and production of coal,Iron Ore and petroleum

14.10.24 TO 19.10.24 :Classification of Industries

21.10.24 TO 26.10.24:Distribution and production of Iron and steel and textiles industries

4.11.24 TO 9.11.24:Major industrial complexes of world

11.11.24 TO 16.11.24 : Transport, communication and trade

18.11.24 TO 22.11.24 onwards: Revision

Taught by:

Dr. Sushila

Mrs. Priyanka

LESSON PLAN 2024-25
5TH Semester Practical
Distribution Maps and Diagrams

22.7.24-3.8.24-Principles of map design and layout
5.8.24-19.8.24-Techniques of map making
20.8.24-31.8.24-Definition of symbolization, classification of symbols
2.9.24-14.9.24-Point symbols and line symbols
16.9.24- TO 28.9.24-Types and methods of distribution maps
30.9.24 -11.10.24-Qualitative distribution maps and methods
14.10.24-26.10.24-Quantitative distribution maps and methods
4.11.24-16.11.24-Prismatic compass survey
18.11.24 onwards:-Practice and revision

Taught by-

Mrs. Deepak Malik

Mrs. Jyoti

Dr. Parveen Khatri

Dr. Anju Bala

Dr. Satish Kumar

Mrs. Priyanka

Dr. Amita Kumari