

Lesson Plan for Session 2024-25(Even Semester)	
Department of Geography	
Subject: Geography	Class: M.A 2nd Sem., Teacher Name: Dr. Satish Kumar
Paper: Geo. Of World Economy	Paper Code: 16GEO22C1
Date	Topic
07-01-2025 to 11-01-2025	Economic Geography: The Stuff of Economic Geography
13-01-2025 to 18-01-2025	A brief history, Why Economic Geography?
20-01-2025 to 25-01-2025	Assignment 1: The Stuff of Economic Geography
27-01-2025 to 01-02-2025	Modes of Theorizing in Economic Geography:
03-02-2025 to 08-02-2025	Political Economy, Poststructuralist Economic Geography
10-02-2025 to 15-02-2025	Capitalism, Fundamental Concepts: Use-value, Exchange Value,
17-02-2025 to 22-02-2025	Assignment 2: Use-value, Exchange Value and Revision, Dynamics of World Economy, Spatial Structure of the World Economy.
24-02-2025 to 01-03-2025	Capital, Capital and Labour, Capital Accumulation, Capital Accumulation by Dispossession.
03-03-2025 to 08-03-2025	Capitalism in Twentieth Century: Organized Capitalism, Disorganized Capitalism. Neo-Liberalism.
17-03-2025 to 22-03-2025	World Economy and the Capitalist mode of production, The Basic Elements of World Economy:
24-03-2025 to 29-03-2025	Single Market, a Multiple State System, the Three-tier structure; A Space-Time Matrix of the World Economy
31-03-2025 to 05-04-2025	Economic Development: Globalization or Internationalization,
07-04-2025 to 12-04-2025	Patterns of International Trade, WTO and Developing Countries
14-04-2025 Onwards	Revision

Lesson Plan for Session 2024-25(Even Semester)	
Department of Geography	
Subject: Geography	Class: M.A 4th Sem., Teacher Name: Dr. Satish Kumar
Paper: SATELLITE IMAGES AND ITS INTERPRETATION	Paper Code: 17GEO24CL2
Date	Topic
07-01-2025 to 11-01-2025	Kinds of satellite images
13-01-2025 to 18-01-2025	Study of a satellite image - annotation (IRS - IB, IRS- IC etc.)
20-01-2025 to 25-01-2025	Visual interpretation of a satellite image.
27-01-2025 to 01-02-2025	Separating physical and cultural features on an image.
03-02-2025 to 08-02-2025	Identification of objects on panchromatic, true colour and FCC images and their comparison.
10-02-2025 to 15-02-2025	Identification and mapping of land use/land cover on satellite images
17-02-2025 to 22-02-2025	Study of thermal image and interpretation of various features
24-02-2025 to 01-03-2025	Study of Radar image and interpretation of various features
03-03-2025 to 08-03-2025	Acquisition of open-source satellite data from USGS / GLOVIS.
17-03-2025 to 22-03-2025	Acquisition of open-source satellite data from USGS / GLOVIS.
24-03-2025 to 29-03-2025	Acquisition of open-source satellite data from BHUVAN (ISRO)
31-03-2025 to 05-04-2025	Acquisition of open-source satellite data from BHUVAN (ISRO)
07-04-2025 to 12-04-2025	Extraction of land use land cover area
14-04-2025 Onwards	Revision

Lesson Plan (Session 2024-25)
M.A. Geography, 4th Semester,
Paper- Aerial Photographs and Its Interpretation
Prof. Phool Kumar, Department of Geography

Date	Topic
08.1.2025 to 9.1.2025	Aerial Photographs-Types and Characteristics
15.1.2025 to 16.1.2025	Aerial Photographs-Types and Characteristics
23.1.2025 to 24.1.2025	Elements of Air Photo Interpretation
29.1.2025 to 30.1.2025	Elements of Air Photo Interpretation
05.2.2025 to 6.2.2025	Stereo Vision Test, Orientation of the stereo model under Mirror Stereoscope; Determination of scale on an aerial photograph
12.2.2025 to 13.2.2025	Stereo Vision Test, Orientation of the stereo model under Mirror Stereoscope; Determination of scale on an aerial photograph
19.2.2025 to 20.2.2025	Measurement of the height of an object on a single vertical aerial photograph
26.2.2025 to 27.2.2025	Parallax bar measurement and height determination, Preparation of Index map
05.3.2025 to 6.3.2025	Preparation of stereogram, stereo triplet and mosaic from aerial photographs
09.3.2025 to 16.3.2025	Vacations (Holi)
19.3.2025 to 20.3.2025	Preparation of stereogram, stereo triplet and mosaic from aerial photographs
26.3.2025 to 27.3.2025	Preparation of stereogram, stereo triplet and mosaic from aerial photographs
02.3.2025 to 03.4.2025	Interpretation of Aerial photographs- Identification, mapping and interpretation of Natural and Cultural features (at least three exercises)
09.4.2025 to 10.4.2025	Interpretation of Aerial photographs- Identification, mapping and interpretation of Natural and Cultural features (at least three exercises)
16.4.2025 to 17.4.2025	Land use/Land cover studies on aerial photographs
23.4.2025 to 24.4.2025	Urban studies on aerial photographs-Change detection, Residential area study
30.4.2025	Preparation day for Practical Examination.
01.05.2025 onwards	Practical exams. First week of May.

Lesson Plan (Session 2024-25)
M.A. Geography, 4th Semester,
Paper- Geographical Thought
Prof. Phool Kumar and Mrs. Manisha, Department of Geography

Date	Topic
07.1.2025 to 09.01.2025	Development of Geographical Knowledge
13.1.2025 to 14.1.2025	classification of knowledge
20.1.2025 to 21.1.2025	place of geography in the classification of knowledge
27.1.2025 to 28.1.2025	Relationship of geography with other natural and social sciences
03.2.2025 to 4.2.2025	subject matter of geography.
10.2.2025 to 11.2.2025	Pre-scientific geographical ideas and emergence of scientific geography
17.2.2025 to 18.2.2025	influence of Kant.
24.2.2025 to 27.2.2025	Classical Period of Modern Geography: Humboldt and Ritter
03.3.2025 to 4.3.2025	legacy of Humboldt and Ritter.
09.3.2025 to 10.3.2025	Vacations (Holi)
17.3.2025 to 18.3.2025	Dualisms and dichotomies: physical and human, systematic and regional, and general and particular
24.3.2025 to 25.3.2025	Unification of Geography- Richthofen and Hettner.
31.3.2025 to 01.4.2025	Unification of Geography- Richthofen and Hettner.
07.4.2025 to 08.4.2025	Social Origins of Environmental Determinism. Possibilism,
14.4.2025 to 15.4.2025	Social Origins of Environmental Determinism. Possibilism,
21.4.2025 to 22.4.2025	Regional concept,
28.4.2025 to 29.4.2025	Vidal de la Blache.
05.5.2025	Preparation day & Exams starts on 06.05.2025

Lesson Plan (Session 2024-25)
M.A. Geography, 4th Semester,
Paper- Geography of Tourism
Prof. Phool Kumar, Department of Geography

Date	Topic
07.1.2025 to 9.1.2025	Geography of Tourism: Meaning and Definition,
13.1.2025 to 16.1.2025	Geography of Tourism: Nature and scope,
20.1.2025 to 24.1.2025	Motivating factors of tourism; Robinson's classification of motivating factors of tourism,
27.1.2025 to 30.1.2025	Tourism: Product and typology,
03.2.2025 to 6.2.2025	Infrastructure and support system of tourism,
10.2.2025 to 13.2.2025	Accommodation and supplementary accommodation; Agencies and intermediaries.
17.2.2025 to 20.2.2025	Accommodation and supplementary accommodation; Agencies and intermediaries,
24.2.2025 to 27.2.2025	Impact of tourism: Physical, economic and social, perceptual positive and negative impacts,
03.3.2025 to 6.3.2025	Impact of tourism: Physical, economic and social, perceptual positive and negative impacts,
09.3.2025 to 16.3.2025	Vacations (Holi)
17.3.2025 to 20.3.2025	Tourism paradigms: Ethnic and cultural tourism, heritage tourism , Sustainable tourism and ecotourism,
24.3.2025 to 27.3.2025	Regional dimensions of tourism in India,
31.3.2025 to 03.4.2025	Himalayan region,
07.4.2025 to 10.4.2025	Northern Plains,
14.4.2025 to 17.4.2025	The Thar Desert,
21.4.2025 to 24.4.2025	Deccan plateau,
28.4.2025 to 01.5.2025	Coastal Plains and the Islands.
05.5.2025	Preparation day & Exams starts on 06.05.2025

Lesson Plan of M.A. 2nd Sem. Environmental Geography (16GEO22C3)

(Dr. Anju Bala)

(2024-25)

7.1.25 to 11.1.25: Nature and scope of environmental geography, fundamental concepts.

13.1.25 to 18.1.25: Approaches of methods in environmental geography, relationship with other branches of knowledge, environment and ecology.

20.1.25 to 25.1.25: Meaning, structure and type of environment, Ecology: meaning scope and concepts, subdivision of ecology.

27.1.25 to 1.2.25: Ecosystem: meaning, concepts, classification and components of ecosystem.

3.2.25 to 8.2.25: Trophic structure, ecological pyramid, energy flow and biogeochemical cycles, ecological regions of India.

10.2.25 to 15.2.25: Environmental pollution- meaning, types, sources, causes and impacts.

Air, water and land pollution.

17.2.25 to 22.2.25: Environmental degradation: nature, process, types and causes, greenhouse effect

24.2.25 to 1.3.25: Global warming, ozone depletion, desertification.

3.3.25 to 8.3.25: Environmental management: concepts, methods, approaches, management of soil and forest.

17.3.25 to 22.3.25: Management of mineral resources, disaster management.

24.3.25 to 29.3.25: Conservation of natural resources, emerging environmental issues in India.

31.3.25 to 5.4.25: Fundamental policies, programmes of environmental protection.

7.4.25 to 12.4.25: Awareness and movements for environmental protection.

14.4.25 onwards: Revision and tests

**Lesson Plan of M.A. 2nd Sem Computer Aided Statistical Diagrams and
Digital Cartography (24GEO202SE01)
(2024-2025)**

7.1.25 : Components of Computer: Hardware and software

13.1.25 and 14.1.25: Use of Computer in Geography

20.1.25 and 21.1.25: Excel: Input of data, bar diagram, scatter diagram, line graph

27.1.25 and 28.1.25: placement of heading and sub-heading, legend, front size, bold, italic, changes from color to different shade pattern

3.2.25 and 4.2.25: Different weight, color, pattern to X and Y coordinates

10.2.25 and 11.2.25 ; Introduction to GIS software, ARC GIS, Spatial data download from open sources

17.2.25 and 18.2.25: data input, layer stacking, editing, manipulating, verification and storage

24.2.25 and 25.2.25: Georeferencing : Map to Maps, Map to Image, Image to Image

3.3.25 and 4.3.25: Digitization of point, line, polygon, features, data conversion, raster to vector and vector to raster

17.3.25 and 18.3.25: linking of attribute data with spatial data, Map layout design and labelling of basic elements

24.3.25 and 25.3.25: Making Maps: Topographic,

31.3.25 and 1.4.25: thematic,

7.4.25 and 8.4.25: qualitative,

14.4.25 and 15.4.25: quantitative

21.4.25 to onwards: Revision

Dr. Bindu

Mrs. Manisha

Lesson Plan of M.A. 2nd Sem Geography of India (16GEO22CI)
(Mrs.Deepak Malik) (2024-2025)

7.1.25 to 11.1.25: Physiographic divisions of India.

13.1.25 to 18.1.25: Physiographic divisions of India, Drainage system.

20.1.25 to 25.1.25: Mechanism of Indian Monsoon, climatic regions.

27.1.25 to 1.2.25: Soil and natural vegetation

3.2.25 to 8.2.25: Test, Growth of population,

10.2.25 to 15.2.25 ; Distribution and density of population.

17.2.25 to 22.2.25: Population problems, population policies and food security.

24.2.25 to 1.3.25: Characteristic of Indian agriculture and agricultural regions.

3.3.25 to 8.3.25: Industrial Regions and transport network.

17.3.25 to 22.3.25: Test, domestic and international trade.

24.3.25 to 29.3.25.: Evolution of administrative map of India, river water dispute among states.

31.3.25 to 5.4.25: Seminar

7.4.25 to 12.4.25: Interlinking of rivers.

14.4.25 to 19.4.25: Terrorism problems

21.4.25 to onwards: Revision of syllabus

Lesson Plan of M.A. 4th sem Population Geography (17GEO24DBI)
(Dr. Bindu) (2024-25)

7.1.25 to 11.1.25: Population geography-Definition , nature and scope, relationship with other discipline, demography and population studies.

13.1.25 to 18.1.25: Sources of data, census, vital or registration system, sample registration system, sample survey with reference to NSSO and NFHS

20.1.25 to 25.1.25: Problems of reliability and comparability of data, population distribution and growth.

27.1.25 to 1.2.25: Factor affecting population, distribution, population growth, trends and determinant.

3.2.25 to 8.2.25: Spatial dimension of population growth in India, Theories of population growth, Pre- Malthusian views.

10.2.25 to 15.2.25: Malthus Theory and views of socialist writers.

17.2.25 to 22.2.25: Optimum population theory, Demographic transition model, Components of population change.

24.2.25 to 1.3.25: Trends and patterns of fertility and mortality levels, theories of fertility.

3.3.25 to 8.3.25: Migration, measure international migrations in India, Theories of migration.

17.3.25 to 22.3.25: Population composition and characteristics, age and sex composition.

24.3.25 to 29.3.25: Literacy, Marital status and economic characteristics of population and development.

31.3.25 to 5.4.25: Population growth and economic development, Population growth and environmental quality.

7.4.25 to 12.4.25: Population control movement, population policies and its types.

14.4.25 to 19.4.25: India's Population policy post independence development.

21.4.25 to 26.4.25: Reproductive and child health programme and revision.

28.4.25 Onwards revision

MA 2nd SEMESTER

REGIONAL DEVELOPMENT AND PLANNING

DR.SUSHILA

2024-25

7/1/25 to 11/1/25 Conceptual and theoretical framework :Concept of development ,regional development

13.1.25 to 18.1.25:Concept of region and regional planning

20.1.25 to 25.1.25Geography and regional planning

27.1.25 to 1.2.25 Selection of indicators and measures of regional disparities

3.2.25 to 8.2.25:Regional Growth theories:Friedmann periphery theory

10.2.25 to 15.2.25: Polarisation band trickle down effect theory of Hirschman

17.2.25 to 22.2.25:Circular and cumulative causation model of myrdal

Growth pole theory of Perroux

24.2.25 to 1.3.25:Planning process: types of planning and its rationale

Principles and objectives

3.3.25 to 8.3.25:Region for planning characteristics,hierarchy,need and demarcation,

planning region of India

17.3.25 to 22.3.25:Experience of regional development and planning India :multi level planning

24.3.25 to 29.3.25:Regional policies in the Indian five years plans

31.3.25 to 5.4.25: Planning policies for regional development

7.4.25 to 12.4.25: Regional backward :criteria,strategy and programme for backward area development

14.4.25. onward revision

Research methodology

Faculty member : Dr . Parveen khatri

- 7jan 2025 to 11 jjan 2025 ntroduction + subject informationanddiscussion
- 13 jan to 18 jan : Meaning and Purpose of Research
- 20 jan to25 : Types of Research; Social Science Research; +seminar
- 27 jan - 1 feb: Identification of Rescarch Question andLiterature Surveying;
- 3feb to 8 feb : Methods and Methodology in HumanGeography + revision test
- 10 feb to 15 feb : Scientific Method in Human Geography
- 17 feb to 22 feb : ppt presentation + Analytical Steps of theScientific Method
- 24feb- 1 march 1 : The Routes of Scientific Explanation:
3 march to 8 march : Deductive and Inductive forms of reference
- 17 marchto 22 march
: Explanation in Geography:
 - Some Problem + class discussion
- 24 march - 29
march: From Quantitative to Qualitative Geography;Qualitative Data Production:
+ assignments
- 31 march - 5 april: Interviews (Process of
 - Interviewing, Structure interviews and informal surveys; Depth Interviewing and Working wi
thGroups); Observation (Participant Observation andEthnography). + group discussion in stude
nt + seminar
- 7april - 12 april
 - : Process of Research Report Writing;Reference styles (Harvard, Chicago), Ethics in Rese
arch
- 14 april- 19 april and onwards : presentation + seminar + discussion +revision

Lesson Plan for Session 2024-25(Even Semester)	
Department of Geography	
Subject: Geography	Class: B.A 5th Sem.,
Paper: Introduction to RS, GIS & Quantitative Methods	Teacher Name: Dr. Satish Kumar
	Paper Code: 303
Date	Topic
07-01-2025 to 11-01-2025	Introduction to Aerial Photographs
13-01-2025 to 18-01-2025	Types of Aerial Photographs
20-01-2025 to 25-01-2025	Assignment 1: Advantages of aerial photographs
27-01-2025 to 01-02-2025	Elements of aerial photo interpretation
03-02-2025 to 08-02-2025	Introduction to Remote Sensing
10-02-2025 to 15-02-2025	Electromagnetic Spectrum, Stages in remote sensing
17-02-2025 to 22-02-2025	Assignment 2: Types of satellites, types of imageries
24-02-2025 to 01-03-2025	Application of imageries
03-03-2025 to 08-03-2025	Introduction to Geographical Information System, advantages and software requirements
17-03-2025 to 22-03-2025	Application of GIS in various field of geography
24-03-2025 to 29-03-2025	Measure of Central Tendencies
31-03-2025 to 05-04-2025	Measure of Dispersion
07-04-2025 to 12-04-2025	Measure of Dispersion
14-04-2025 Onwards	Revision

Lesson Plan for Session 2024-25(Even Semester)	
Department of Geography	
Subject: Geography	Class: B.A 2nd Sem.,
	Teacher Name: Dr. Satish Kumar
Paper: Introduction to Human Geography	Paper Code: 24GEOM402DS01
Date	Topic
03-02-2025 to 08-02-2025	Human geography: meaning, nature and scope
10-02-2025 to 15-02-2025	Changing man-environment relationship
17-02-2025 to 22-02-2025	Assignment 1: evolution of mankind
24-02-2025 to 01-03-2025	Application of imageries
03-03-2025 to 08-03-2025	Human adaptation to environment
17-03-2025 to 22-03-2025	Primitive people of India
24-03-2025 to 29-03-2025	Racial classification: Griffith Taylor and B.S. Guha
31-03-2025 to 05-04-2025	Demographic attributes
07-04-2025 to 12-04-2025	Human migration
14-04-2025 to 19-04-2025	Human settlements
21-04-2025 to 26-04-2025	Dynamics of population resource relationship
28-04-2025 to 03-05-2025	Population resource regions (Ackerman)
05-05-2025 to 10-05-2025	Development and environment conflicts
12-05-2025 Onwards	Revision

Lesson Plan (2024-25) B.A 2nd Sem. (Practical)	
Dr. Parveen, Dr. Bindu, Dr. Phool Kumar, Mrs. Vandana, Mrs. Manisha	
Date	Topic
01-02-2025 to 08-02-2025	Cartography: an introduction
10-02-2025 to 15-02-2025	Cartography: an introduction
17-02-2025 to 22-02-2025	techniques in thematic data presentation: bar
24-02-2025 to 01-03-2025	techniques in thematic data presentation: line
03-03-2025 to 08-03-2025	techniques in thematic data presentation: circle
17-03-2025 to 22-03-2025	climograph
24-03-2025 to 29-03-2025	hythergraph
31-03-2025 to 05-04-2025	choropleth
07-04-2025 to 12-04-2025	dot method
14-04-2025 to 19-04-2025	Chorochromatic method
21-04-2025 to 26-04-2025	Choroschematic method
28-04-2025 to 03-05-2025	Interpolation method and isopleth mapping.
05-05-2025 to 10-05-2025	Isopleth mapping.
12-05-2025 to 17-05-2025	Isopleth mapping.
19-05-2025 to 24-05-2025	Revision
26-05-2025 onwards	Revision

Lesson Plan for Session 2024-25(Even Semester)**Department of Geography****Class: B. A. 4th Sem****Teacher Name: Mrs. Deepak Malik, Dr. Anju, Dr. Sushila, Dr. Amita****Paper: Practical Geography**

Date	Topic
07-01-2025 to 11-01-2025	Map Projection; General principles
13-01-2025 to 18-01-2025	Cylindrical map Projection
20-01-2025 to 25-01-2025	Conical Map Projection
27-01-2025 to 1-02-2025	Bonnes projection and Polyconic Projection
03-02-2025 to 08-02-2025	Introduction of Zenithal Projection
17-02-2025 to 22-02-2025	Polar Gnomonic Zethial, Stereographic Zenithal Projection
24-02-5to 01-03-2025	Polar Equidistant Zenithal Projection, Orthographic Zenital Projection, Equal Area Projection
03-03-2025 to 08-03-2025	Conventional Projection
17-03-2025 to 22-03-2025	Revision of Projections
24-03-2025 to 29-03-2025	Plane Table Survey: Definitions and types
31-03-2025 to 05-04-2025	Radiation Method
07-04-2025 to 12-04-2025	Intersection Method
14-04-2025 to 19-04-2025	Traverse Method
22-04-2025Onwards	Revision

Lesson Plan for Session 2024-25(Even Semester)
Department of Geography
Class: B. A. Final Year,
Teacher Name: Dr Sushila, Ms. Manisha
Paper: Remote Sensing and Quantitative Methods

Date	Topic
07-01-2025 to 20-01-2025	Introduction to Aerial photographs : their advantages
13-01-2025 to 18-01-2025	Introduction to Aerial photograph: their types
20-01-2025 to 25-01-2025	Interpretation of aerial photographs. Test I
27-01-2025 to 1-02-2025	Remote sensing: Fundamentals, stages, electromagnetic spectrum Assignment-I
03-02-2025 to 08-02-2025	Types of satellites, and types of imageries
17-02-2025 to 22-02-2025	Imageries and their applications in various fields: agriculture, environment and resource mapping. Test II
24-02-5to 01-03-2025	Introduction to Geographical Information System: Definition, purpose, Advantages and disadvantages.
03-03-2025 to 08-03-2025	Software and hardware requirements in GIS.
17-03-2025 to 22-03-2025	Application of GIS in various fields of Geography. Test III and Assignment II
24-03-2025 to 29-03-2025	Measures of Central Tendencies: Mean, Median.
31-03-2025 to 05-04-2025	Mode and Range
07-04-2025 to 12-04-2025	Quartile Deviation and Mean Deviation
14-04-2025 to 19-04-2025	Standard Deviation and Coefficient of Variation.
22-04-2025Onwards	Test IV and revision

Lesson Plan for Session 2024-25(Even Semester) Department of Geography Class: B. A. 6th Sem Teacher Name: Mrs. Deepak Malik, Dr. Anju , Dr. Satish Kumar, Dr. Amita Paper: Practical Geography	
Date	Topic
07-01-2025 to 11-01-2025	Introduction to aerial photograph
13-01-2025 to 18-01-2025	Advantages of Aerial Photographs
20-01-2025 to 25-01-2025	Demarcation of Principal Point
27-01-2025 to 1-02-2025	Conjugate Principal point
03-02-2025 to 08-02-2025	Flight line
17-02-2025 to 22-02-2025	Determination of scale on aerial Photograph
24-02-5to 01-03-2025	Intpretation of single aerial Photograph
03-03-2025 to 08-03-2025	Identification of features on IRSID,LISSIII imagery
17-03-2025 to 22-03-2025	Socio-Economic Survey in Rohtak District
24-03-2025 to 29-03-2025	Tabulation of data
31-03-2025 to 05-04-2025	Data analysis and Graph presentation
07-04-2025 to 12-04-2025	Report writing
14-04-2025 to 19-04-2025	Traverse Method
22-04-2025 Onwards	Revision