

Lesson Plan

Subject – M.A. GEOGRAPHY (Paper- DSC 1: Foundations in Geography)

Class –M.A. 1st Semester

Session 2025-26

| Sr. No. | Date | Topics |
|---------|--------------------------|--|
| 1 | 28.07.25 to 02.08.2025 | Definition, Nature, Scope and Relevance of Geography as a Discipline |
| 2 | 04.08.25 to 09.08.2025 | Place of Geography in the Classification of Knowledge |
| 3 | 11.08.25 to 16.08.2025 | Relations with Other Branches of Knowledge; Branches of Geography. |
| 4 | 18.08.25 to 23.08.2025 | Environmental Determinism |
| 5 | 25.08.25 to 30.08.2025 | Possibilism |
| 6 | 01.09.25 to 06.09.2025 | Environmentalism; Geography as Science of Relationships; |
| 7 | 08.09.25 to 13.09.2025 | Geography as Integrated Science. |
| 8 | 15.09.25 to 20.09.2025 | Geography as the study of Landscape, Natural & Cultural Landscapes, |
| 9 | 22.09.25 to 27.09.2025 | The Concept of Area, Space and Region, Genetic and Specific, |
| 10 | 29.09.25 to 04.10.2025 | Formal and Functional, Natural and Cultural Regions |
| 11 | 06.10.25 to 13.10.2025 | Defining Space, Place and Locality |
| 12 | 14.10.25 to 22.10.2025 | Diwali Vacation |
| 13 | 23.10.25 to 01.11.2025 | Absolute and Relative Space, Spatial Distribution, |
| 14 | 03.11.25 to 08.11.2025 | Spatial Organisation, Time in Geography |
| 15 | 10.11.25 to 18.11.2025 | Spatial Relations and Spatial Diffusion in Geography |
| 16 | 19.11.2025 onwards | End Semester Examination |
| 17 | 21.12.2025 to 31.12.2025 | Winter Vacation |

Dr. Lalit Kumar (Associate Professor)

Signature of Concern Teacher

Lesson Plan

Subject – M.A. GEOGRAPHY (Paper- DSC 2: Geomorphology)

Class –M.A. 1st Semester

Session 2025-26

| Sr. No. | Date | Topics |
|---------|--------------------------|---|
| 1 | 28.07.25 to 02.08.2025 | Geomorphology - Nature and scope; History and development of geomorphic ideas: |
| 2 | 04.08.25 to 09.08.2025 | Fundamental concepts • Uniformitarian's, geological structure, process and stage; |
| 3 | 11.08.25 to 16.08.2025 | The Earth's interior. structure and constitution |
| 4 | 18.08.25 to 23.08.2025 | Recent Views; Plate tectonics • meaning and concept; plates, plate margins and boundaries; |
| 5 | 25.08.25 to 30.08.2025 | Plate motion; Tectonic activities along the boundaries and Distribution of plates. |
| 6 | 01.09.25 to 06.09.2025 | Endogenetic processes - Faulting, folding and their geomorphic expressions |
| 7 | 08.09.25 to 13.09.2025 | Earthquake concept, causes, classification, intensity and magnitude, Geographical distribution |
| 8 | 15.09.25 to 20.09.2025 | Volcanism: concept, mechanism and causes; Volcanoes - classification, volcanic materials; |
| 9 | 22.09.25 to 27.09.2025 | Topography associated with vulcanicity and Geographical distribution |
| 10 | 29.09.25 to 04.10.2025 | Exogenetic P rocesses: Weathering and M ass W asting. meaning and concept. controlling factors of Weathering and M ass W asting, its classification and significance. |
| 11 | 06.10.25 to 13.10.2025 | Dynamics of fluvial, aeolian, glacial and karst processes and resulting landforms, Applied Geomorphology: meaning and Concepts |
| 12 | 14.10.25 to 22.10.2025 | Diwali Vacation |
| 13 | 23.10.25 to 01.11.2025 | Applications of Geomorphology in Regional planning, engineering projects, mineral exploration and hydrology. |
| 14 | 03.11.25 to 08.11.2025 | Regional Geomorphology of Punjab plain of India. |
| 15 | 10.11.25 to 18.11.2025 | Regional Geomorphology of Aravalli Region and Thar desert of India. |
| 16 | 19.11.2025 onwards | End Semester Examination |
| 17 | 21.12.2025 to 31.12.2025 | Winter Vacation |

Sh. Rajmal (Extension Lecturer)

Signature of Concern Teacher

Lesson Plan

Subject – M.A. GEOGRAPHY (Paper- DSC 3: Climatology)

Class –M.A. 1st Semester

Session 2025-26

| Sr. No. | Date | Topics |
|---------|--------------------------|---|
| 1 | 28.07.25 to 02.08.2025 | Nature and Scope of Climatology; |
| 2 | 04.08.25 to 09.08.2025 | Climatic Elements-Atmospheric Temperature, |
| 3 | 11.08.25 to 16.08.2025 | Climatic elements-atmospheric Pressure and Moisture |
| 4 | 18.08.25 to 23.08.2025 | Climatic elements-Atmospheric General Atmospheric Circulations, Jet Stream. |
| 5 | 25.08.25 to 30.08.2025 | Weather System and Disturbances - Air-Mass, Fronts |
| 6 | 01.09.25 to 06.09.2025 | Weather System and Disturbances - Cyclones, Tornadoes |
| 7 | 08.09.25 to 13.09.2025 | Ocean Atmospheric Interaction - Monsoon Winds |
| 8 | 15.09.25 to 20.09.2025 | El-Nino and La-Nino Circulation |
| 9 | 22.09.25 to 27.09.2025 | Global Climate System - Approaches to Climatic Classification |
| 10 | 29.09.25 to 04.10.2025 | World Climatic Classification of Koppen and Thornthwaite |
| 11 | 06.10.25 to 13.10.2025 | Major Climates of the World-Tropical and Polar. |
| 12 | 14.10.25 to 22.10.2025 | Diwali Vacation |
| 13 | 23.10.25 to 01.11.2025 | Climatic Changes – Evidence and Possible Causes, |
| 14 | 03.11.25 to 08.11.2025 | Global Warming |
| 15 | 10.11.25 to 18.11.2025 | Acid Rain and Problems of Acid Rain. |
| 16 | 19.11.2025 onwards | End Semester Examination |
| 17 | 21.12.2025 to 31.12.2025 | Winter Vacation |

Smt. Sunita (Assistant Professor)

Signature of Concern Teacher

Lesson Plan

Subject – M.A. GEOGRAPHY (Paper- DSC 4: Resource Geography)

Class –M.A. 1st Semester

Session 2025-26

| Sr. No. | Date | Topics |
|----------------|--------------------------|--|
| 1 | 28.07.25 to 02.08.2025 | Nature, Scope and Significance of Geography of Resource |
| 2 | 04.08.25 to 09.08.2025 | Definition and Concept of Resources and Classification of Resources. |
| 3 | 11.08.25 to 16.08.2025 | Models of Natural Resource Processes: Introduction |
| 4 | 18.08.25 to 23.08.2025 | Zimmermann's Primitive and Advance Models of Natural Resource Process, |
| 5 | 25.08.25 to 30.08.2025 | Kirk's Decision Model and Brookfield System Model. |
| 6 | 01.09.25 to 06.09.2025 | Use and Misuse of Resources: Soil Resource |
| 7 | 08.09.25 to 13.09.2025 | Use and Misuse of Resources: Water Resource, Forest Resource |
| 8 | 15.09.25 to 20.09.2025 | Use and Misuse of Resources: Mineral Resources |
| 9 | 22.09.25 to 27.09.2025 | Future Prospects of Natural Resources |
| 10 | 29.09.25 to 04.10.2025 | Conservation and Management of Natural Resources: Meaning and Concept of Conservation of Natural Resources |
| 11 | 06.10.25 to 13.10.2025 | Resource Conservation and Management Methods of Natural Resources- Soil Resource |
| 12 | 14.10.25 to 22.10.2025 | Diwali Vacation |
| 13 | 23.10.25 to 01.11.2025 | Resource Conservation and Management Methods of Natural Resources- Water Resource |
| 14 | 03.11.25 to 08.11.2025 | Resource Conservation and Management Methods of Natural Resources- Forest Resource; |
| 15 | 10.11.25 to 18.11.2025 | Problems of Natural Resource Management in India. |
| 16 | 19.11.2025 onwards | End Semester Examination |
| 17 | 21.12.2025 to 31.12.2025 | Winter Vacation |

Dr. S.K. Punia (Associate Professor)

Signature of Concern Teacher

Lesson Plan

Subject – M.A. GEOGRAPHY (Paper- DSC5: Statistical Methods in Geography)

Class –M.A. 1st Semester

Session 2025-26

| Sr. No. | Date | Topics |
|---------|--------------------------|--|
| 1 | 28.07.25 to 02.08.2025 | Statistics; Geography and Statistics, Significance of Statistics in geographical studies; Primary and Secondary Data |
| 2 | 04.08.25 to 09.08.2025 | Levels of data measurement: Nominal, Ordinal, Interval, and Ratio |
| 3 | 11.08.25 to 16.08.2025 | Measures of Central Tendency: Arithmetic Mean, Median |
| 4 | 18.08.25 to 23.08.2025 | Measures of Central Tendency: Mode and their geographical significance |
| 5 | 25.08.25 to 30.08.2025 | Measures of Central Tendency: Centographic techniques: Mean Centre, Median Centre and Standard Distance |
| 6 | 01.09.25 to 06.09.2025 | Measures of dispersion and concentration: -Mean deviation |
| 7 | 08.09.25 to 13.09.2025 | Measures of dispersion and concentration: - Standard Deviation |
| 8 | 15.09.25 to 20.09.2025 | Measures of dispersion and concentration: - Coefficient of Variation, |
| 9 | 22.09.25 to 27.09.2025 | Lorenz Curve and Gini's Coefficient, Location Quotient |
| 10 | 29.09.25 to 04.10.2025 | Correlation and regression: Scatter diagram, correlation by Spearman's Rank Difference |
| 11 | 06.10.25 to 13.10.2025 | Karl Pearson's Product Moment |
| 12 | 14.10.25 to 22.10.2025 | Diwali Vacation |
| 13 | 23.10.25 to 01.11.2025 | Significance testing of Correlation |
| 14 | 03.11.25 to 08.11.2025 | Regression analysis regression equations construction of regression line |
| 15 | 10.11.25 to 18.11.2025 | computation of residuals and manning |
| 16 | 19.11.2025 onwards | End Semester Examination |
| 17 | 21.12.2025 to 31.12.2025 | Winter Vacation |

Dr. Lalit Kumar (Associate Professor)
Signature of Concern Teacher

Lesson Plan

Subject – M.A. GEOGRAPHY (Paper- 25GEO203DS01: Remote Sensing)

Class –M.A. 3rd Semester

Session 2025-26

| Sr. No. | Date | Topics |
|---------|--------------------------|--|
| 1 | 28.07.25 to 02.08.2025 | Introduction, development and applications of Remote Sensing technology; |
| 2 | 04.08.25 to 09.08.2025 | Electromagnetic radiation and remote sensing; |
| 3 | 11.08.25 to 16.08.2025 | Energy interactions in atmosphere; Energy interactions with earth surface features; Spectral signatures. |
| 4 | 18.08.25 to 23.08.2025 | Basic concepts and advantages of– Optical Remote Sensing; |
| 5 | 25.08.25 to 30.08.2025 | Thermal Remote Sensing; Microwave Remote Sensing; |
| 6 | 01.09.25 to 06.09.2025 | Hyper spectral Remote Sensing; |
| 7 | 08.09.25 to 13.09.2025 | Remote Sensing below Ground Surface; Ground investigations in Remote Sensing. |
| 8 | 15.09.25 to 20.09.2025 | Platforms: Airborne and Space borne; |
| 9 | 22.09.25 to 27.09.2025 | Sensors: Passive and Active; |
| 10 | 29.09.25 to 04.10.2025 | Image data characteristics: Spatial, Spectral, Radiometric and Temporal. |
| 11 | 06.10.25 to 13.10.2025 | History and development of Indian Space Programme; General Satellite Programmes: |
| 12 | 14.10.25 to 22.10.2025 | Diwali Vacation |
| 13 | 23.10.25 to 01.11.2025 | IRS Satellite Series, INSAT Series, |
| 14 | 03.11.25 to 08.11.2025 | Gagan Satellite Navigation System; Extra-terrestrial exploration: Lunar exploration, |
| 15 | 10.11.25 to 18.11.2025 | Mars exploration, Solar probes; International co-operations. |
| 16 | 19.11.2025 onwards | End Semester Examination |
| 17 | 21.12.2025 to 31.12.2025 | Winter Vacation |

Smt. Sunita Beniwal (Assistant Professor)
Signature of Concern Teacher

Lesson Plan

Subject – M.A. GEOGRAPHY (Paper- 25GEO203DS02: Geographic Information System)

Class –M.A. 3rd Semester

Session 2025-26

| Sr. No. | Date | Topics |
|----------------|--------------------------|---|
| 1 | 28.07.25 to 02.08.2025 | Introduction to GIS: Meaning, Concept, History, and development; Scope and significance of GIS; |
| 2 | 04.08.25 to 09.08.2025 | Components and basic functions of GIS; Recent trends in GIS; |
| 3 | 11.08.25 to 16.08.2025 | GIS education in India: Issues, progress and challenges; Significance of GIS in geography. |
| 4 | 18.08.25 to 23.08.2025 | Geographical data characteristics and sources: Nature, Types, and sources; |
| 5 | 25.08.25 to 30.08.2025 | Accessibility and availability; Spatial database models: Hierarchical, Network, Geo-relational, |
| 6 | 01.09.25 to 06.09.2025 | Object based and field-based model; |
| 7 | 08.09.25 to 13.09.2025 | Spatial data model: Raster and vector. |
| 8 | 15.09.25 to 20.09.2025 | Spatial analysis: Raster & vector overlay; Buffer analysis; |
| 9 | 22.09.25 to 27.09.2025 | Digital surface model: DSM, |
| 10 | 29.09.25 to 04.10.2025 | Digital surface model: DTM&DEM, |
| 11 | 06.10.25 to 13.10.2025 | Spatial Interpolation: IDW, Spline & Kriging methods; Network analysis. |
| 12 | 14.10.25 to 22.10.2025 | Diwali Vacation |
| 13 | 23.10.25 to 01.11.2025 | Applications of GIS in regional development & planning, |
| 14 | 03.11.25 to 08.11.2025 | Applications of GIS in Agriculture & Hydrology, |
| 15 | 10.11.25 to 18.11.2025 | Applications of GIS in Urban and environmental studies. |
| 16 | 19.11.2025 onwards | End Semester Examination |
| 17 | 21.12.2025 to 31.12.2025 | Winter Vacation |

Dr. Lalit Kumar (Associate Professor)
Signature of Concern Teacher

Lesson Plan

Subject – M.A. GEOGRAPHY (Paper- 25GEO203DS04: Political Geography)

Class –M.A. 3rd Semester

Session 2025-26

| Sr. No. | Date | Topics |
|---------|--------------------------|---|
| 1 | 28.07.25 to 02.08.2025 | Nature and scope of Political Geography; |
| 2 | 04.08.25 to 09.08.2025 | Perspectives: Political-Economy, World Systems, |
| 3 | 11.08.25 to 16.08.2025 | Place, and Globalisation. |
| 4 | 18.08.25 to 23.08.2025 | Concepts of Nation, State, Nation-State; |
| 5 | 25.08.25 to 30.08.2025 | Emergence and growth of territorial state; |
| 6 | 01.09.25 to 06.09.2025 | Globalization and the Crisis of the Territorial State; Forms of Governance: Unitary and Federal. |
| 7 | 08.09.25 to 13.09.2025 | Rise and Demise of German Geopolitics; |
| 8 | 15.09.25 to 20.09.2025 | Geopolitics in the post-Cold War World - S.B. Cohen's model of Geo-strategic |
| 9 | 22.09.25 to 27.09.2025 | Geo-political regions. |
| 10 | 29.09.25 to 04.10.2025 | India as a regional power in South Asia |
| 11 | 06.10.25 to 13.10.2025 | National and Regional political parties in India; |
| 12 | 14.10.25 to 22.10.2025 | Diwali Vacation |
| 13 | 23.10.25 to 01.11.2025 | Women as a marginalized section in Indian politics; |
| 14 | 03.11.25 to 08.11.2025 | Inter-state water disputes in India (special reference to SYL canal). |
| 15 | 10.11.25 to 18.11.2025 | Revision |
| 16 | 19.11.2025 onwards | End Semester Examination |
| 17 | 21.12.2025 to 31.12.2025 | Winter Vacation |

Smt. Sunita Beniwal (Assistant Professor)
Signature of Concern Teacher

Lesson Plan

Subject – M.A. GEOGRAPHY (Paper- 25GEO203DS07: Geography of Tourism)

Class –M.A. 3rd Semester

Session 2025-26

| Sr. No. | Date | Topics |
|---------|--------------------------|--|
| 1 | 28.07.25 to 02.08.2025 | Geography of Tourism: Definition, nature and scope |
| 2 | 04.08.25 to 09.08.2025 | Motivating factors of tourism |
| 3 | 11.08.25 to 16.08.2025 | Robinson's classification of motivating factors of tourism. |
| 4 | 18.08.25 to 23.08.2025 | Tourism: Product and typology; |
| 5 | 25.08.25 to 30.08.2025 | Infrastructure and support system of tourism: |
| 6 | 01.09.25 to 06.09.2025 | Accommodation and supplementary accommodation |
| 7 | 08.09.25 to 13.09.2025 | Agencies and intermediaries. |
| 8 | 15.09.25 to 20.09.2025 | Impact of tourism: Physical, economic, and social, |
| 9 | 22.09.25 to 27.09.2025 | perceptual positive and negative impacts; |
| 10 | 29.09.25 to 04.10.2025 | Tourism paradigms: Ethnic and cultural tourism, |
| 11 | 06.10.25 to 13.10.2025 | Heritage tourism, sustainable tourism, and eco- tourism. |
| 12 | 14.10.25 to 22.10.2025 | Diwali Vacation |
| 13 | 23.10.25 to 01.11.2025 | Regional dimensions of tourism in India: Himalayan region, Northern Plains |
| 14 | 03.11.25 to 08.11.2025 | The Thar Desert, Deccan plateau, |
| 15 | 10.11.25 to 18.11.2025 | Coastal Plains and the islands |
| 16 | 19.11.2025 onwards | End Semester Examination |
| 17 | 21.12.2025 to 31.12.2025 | Winter Vacation |

Dr. S.K. Punia (Associate Professor)
Signature of Concern Teacher

Lesson Plan

Subject – M.A. GEOGRAPHY (Paper- 25GEO203DS10: Oceanography)

Class –M.A. 3rd Semester

Session 2025-26

| Sr. No. | Date | Topics |
|---------|--------------------------|---|
| 1 | 28.07.25 to 02.08.2025 | Definition and scope of oceanography, major sea voyages, |
| 2 | 04.08.25 to 09.08.2025 | oceanography and other sciences; distribution pattern of land and sea, |
| 3 | 11.08.25 to 16.08.2025 | origin of ocean basins: Wegner's drift hypothesis, and sea floor spreading and Plate Tectonics. |
| 4 | 18.08.25 to 23.08.2025 | Depth of ocean, ocean floor profile-continental shelf, slope, ridge and deeps, abyssal plains; submarine canyons; |
| 5 | 25.08.25 to 30.08.2025 | coral reefs-origin and distribution; ocean deposits; |
| 6 | 01.09.25 to 06.09.2025 | configuration of ocean floors of Indian Ocean and Atlantic Ocean. |
| 7 | 08.09.25 to 13.09.2025 | Temperature of oceans; salinity in oceans; |
| 8 | 15.09.25 to 20.09.2025 | density of oceans; dynamics of ocean currents; |
| 9 | 22.09.25 to 27.09.2025 | currents of Pacific and Indian Ocean; |
| 10 | 29.09.25 to 04.10.2025 | Tides and origin; Tsunami. |
| 11 | 06.10.25 to 13.10.2025 | Ocean currents and their impact on climate and economy; |
| 12 | 14.10.25 to 22.10.2025 | Diwali Vacation |
| 13 | 23.10.25 to 01.11.2025 | oceans as source of food, mineral, and energy resources; |
| 14 | 03.11.25 to 08.11.2025 | Sea-level changes; evidences, mechanism, and impact; |
| 15 | 10.11.25 to 18.11.2025 | Maritime laws. |
| 16 | 19.11.2025 onwards | End Semester Examination |
| 17 | 21.12.2025 to 31.12.2025 | Winter Vacation |

Sh. Rajmal (Extension Lecturer)

4Signature of Concern Teacher

Lesson Plan

Subject – M.A. GEOGRAPHY (Paper- 25GEO203DS11: Social Geography)

Class –M.A. 3rd Semester

Session 2025-26

| Sr. No. | Date | Topics |
|---------|--------------------------|---|
| 1 | 28.07.25 to 02.08.2025 | Social Geography: Nature, meaning& and Development of Social Geography; |
| 2 | 04.08.25 to 09.08.2025 | Philosophical bases of Social Geography: |
| 3 | 11.08.25 to 16.08.2025 | Positivism, Humanism and Feminism. |
| 4 | 18.08.25 to 23.08.2025 | Towards a social geography of India |
| 5 | 25.08.25 to 30.08.2025 | Concept of Social differentiation, |
| 6 | 01.09.25 to 06.09.2025 | socio cultural regions of India, Socio-Cultural Regions of India; |
| 7 | 08.09.25 to 13.09.2025 | Linguistic Elements in India. |
| 8 | 15.09.25 to 20.09.2025 | Caste System in India. |
| 9 | 22.09.25 to 27.09.2025 | Social Well-being: Concepts of social wellbeing, |
| 10 | 29.09.25 to 04.10.2025 | Human Development Index |
| 11 | 06.10.25 to 13.10.2025 | Human Development in India. Factors of social change. |
| 12 | 14.10.25 to 22.10.2025 | Diwali Vacation |
| 13 | 23.10.25 to 01.11.2025 | Gender Issues of social Well Being |
| 14 | 03.11.25 to 08.11.2025 | Female Literacy, family Planning, Women Health. Sex Ratio, |
| 15 | 10.11.25 to 18.11.2025 | Women Empowerment. Women Employment. |
| 16 | 19.11.2025 onwards | End Semester Examination |
| 17 | 21.12.2025 to 31.12.2025 | Winter Vacation |

Dr. S.K. Punia (Associate Professor)
Signature of Concern Teacher