

S.M.S.L. GOVT. COLLEGE, JULANA (JIND)

LESSON PLAN

NAME OF TEACHER – Mr Dilbag Singh

Subject- Geography

CLASS –B.A/B.Sc IIIrd(Vth sem) Paper-Fundamental of GIS Session-2024-25 (Ode Sem)

Weeks	Contents (Theory)	Practical
Week 1	Introduction to GIS	Introduction to QGIS
Week 2	Definitation, natutre and Scope of GIS	Introduction to QGIS
Week3	Definitation, natutre and Scope of GIS	Making of shape file in QGIS
Week 4	Components and Elements of GIS	Making of shape file in QGIS
Week 5	Components and Elements of GIS	Making of shape file in QGIS
Week 6	Source of Data In GIS	Making of shape file in QGIS
Week 7	Source of Data In GIS	Making of shape file in QGIS
Week 8	Type of Data: Spatial	Making of shape file in QGIS
Week 9	Type of Data: Non-Spatial	Digitization in QGIS
Week 10	Model in GIS : Vector	Digitization in QGIS
Week 11	Model in GIS : Raster	Digitization in QGIS
Week 12	Advantages and Disadvantages of Vector Model	Digitization in QGIS
Week 13	Advantages and Disadvantages of Raster Model	Digitization in QGIS
Week 14	Application of GIS in Agriculture Mapping	Digitization in QGIS
Week 15	Application of GIS in Forestry Mapping	Map Composition
Week 16	Revision	Map Composition
Week 17	Revision	Map Composition

Assistant Professor

Principal

S.M.S.L. GOVT. COLLEGE, JULANA (JIND)

LESSON PLAN

NAME OF TEACHER – Mr Dilbag Singh

CLASS – B.A/B.Sc IIInd MINOR (IIIrd sem) Paper-Geography of Haryana

Subject- Geography
Session-2024-25 (Ode Sem)

Weeks	Contents (Theory)	Practical
Week 1	Introduction of Haryana	
Week 2	Relief of Haryana	Mapping of Landuse/Land cover map of Haryana
Week3	Climate of Haryana	Mapping of Landuse/Land cover map of Haryana
Week 4	Drainage system of Haryana	Mapping of Landuse/Land cover map of Haryana
Week 5	Vegetation of Haryana	Population Distribution Map of Haryana
Week 6	Agriculture: Cropping Pattern and Challenges	Population Distribution Map of Haryana
Week 7	Agriculture: Cropping Pattern and Challenges	Population Density of 2001
Week 8	Population: Distribution	Population Density of 2001
Week 9	Population: Density	Population Density of 2011
Week 10	Population: Growth	Population Density of 2011
Week 11	Population Composition: Structure	Mapping of Industrial Region of Haryana
Week 12	Population Composition: Literacy	Mapping of Industrial Region of Haryana
Week 13	Major Industries of Haryana	Mapping of Industrial Region of Haryana
Week 14	Major Industrial centre of Haryana	Revision
Week 15	Major Industrial centre of Haryana	Revision
Week 16	Transportation Development of Haryana	Revision
Week 17	Transportation Development of Haryana	Revision

Assistant Professor

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(JIND)

S.M.S.L. GOVT. COLLEGE, JULANA (JIND)

LESSON PLAN

NAME OF TEACHER – Mr Dilbag Singh
CLASS – B.Com IInd MDC (IIIrd sem) Paper-Weather Forecasting

Subject- Geography
Session-2024-25 (Ode Sem)

Weeks	Contents (Theory)	Practical
Week 1	Concept of Weather	Inventry of symbols of weather map
Week 2	Concept of Climate	Inventry of symbols of weather map
Week3	Elements of Weater and Climate	Forecasting of weather: Precipitation
Week 4	The concept and use of Isobars	Forecasting of weather: Precipitation
Week 5	isohyet	Forecasting of weather: Cloudiness
Week 6	isoneph	Forecasting of weather: Cloudiness
Week 7	isotherm	Interpretation of pressure phenomena
Week 8	isohume	Interpretation of pressure phenomena
Week 9	concept of low and high air pressure system	Interpretation of pressure phenomena
Week 10	concept of low and high air pressure system	Interpretation of wind Direction
Week 11	Introduction to Prevailing Wind	Interpretation of wind Direction
Week 12	Introduction to Seasonal and Local Wind	Interpretation of wind Direction
Week 13	Introductin of weather map of India	Interpretation of wind speed
Week 14	Introductin of weather map of India	Interpretation of wind speed
Week 15	Interpretation of weather maps	Interpretation of wind speed
Week 16	Interpretation of weather maps	Revision
Week 17	Interpretation of weather maps	Revision

Assistant Professor



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S.M.S.L. GOVT. COLLEGE, JULANA (JIND)
LESSON PLAN (Session: 2025-26)

Name of Teacher: **Dr. S.K. Chamar**

Class: **B.A. 2nd Year**

Paper: **Fundamentals of Human Geography (Theory & Practical)** Semester: **3rd (Odd Semester)**

Subject: **Geography (MCC)**

Paper Code: **GEO-23/CC-303**

Weeks With Months	Contents	Practical
August 01-7	Nature and Scope of Human Geography & Development of Human Geography	Composition of Major Religions of the World Composition of Major Language of the World
August 08-14	Approaches of Study of Human Geography & Branches and Relation with other Social Sciences	
August 18-23	Meaning and Classification of Races and Global Diffusion and Distribution	
August 25-30	Meaning, Nature and Classification of Religion.	Methods Representing population Distribution and Density
September 01-06	Evolution and Global Distribution of Major Religions in the World	
September 08-13	Center Place Theory	
September 15-20	Agriculture Location Model & Industrial Location Model	Flow Diagram of Migration Streams of the World Population
September 22-27	Distribution, Density of World Population and its determinants and World Pattern	
September 29-October 04	Growth of World Population and its determinants and World Pattern	
October 06-11	World Pattern of Development: Economy	Spatial and Temporal Growth of the World Population
October 13-18	World Pattern of Development: Polity	
October 27-31	World Pattern of Migration	
November 01-08	World Pattern of Migration-Streams	Mapping Literacy of the World
November 10-15	World Pattern of Migration-Its Determinants	
November 17-22	Revision of Syllabus	
November 24-29	Assessment Test	Check the File Record


 Assistant Professor

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S.M.S.L. GOVT. COLLEGE, JULANA (JIND)

LESSON PLAN (Session: 2025-26)

Name of Teacher: Dr. S.K. Chamar

Class: B.A. 2nd Year

Paper: Exploration of Geographical landscapes (Theory)

Subject: Geography (SEC)

Paper Code: GEO-23/SEC-303

Semester: 3rd (Odd Semester)

Weeks With Months	Contents
August 01-7	Landscape: Concept
August 08-14	Landscape: Definition
August 18-23	Basis for Classification of Landscapes
August 25-30	Basis for Classification of Landscapes
September 01-06	Major Land Surfaces Features: Continents and their Basics Characteristics
September 08-13	Major Land Surfaces Features: Oceans and their Basics Characteristics
September 15-20	Natural Landscapes and their Formation
September 22-27	Natural Landscapes and their Formation (Revision)
September 29-October 04	Cultural Landscapes and their Formation
October 06-11	Cultural Landscapes and their Formation (Revision)
October 13-18	Urban Landscapes and their Formation
October 27-31	Urban Landscapes and their Formation (Revision)
November 01-08	Rural Landscapes and their Formation
November 10-15	Rural Landscapes and their Formation (Revision)
November 17-22	Revision of Syllabus
November 24-29	Assessment Test


Assistant Professor

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S.M.S.L. GOVT. COLLEGE, JULANA (JIND)

LESSON PLAN (Session: 2025-26)

Name of Teacher: Dr. S.K. Chamar

Class: B.A. First Year

Paper: Physical Geography of India (Theory)

Subject: Geography (Minor)

Paper Code: GEO-23/M-101

Semester: 1st (Odd Semester)

Weeks With Months	Contents
August 01-7	Physiographic Structure
August 08-14	Physiographic Divisions
August 18-23	Physiographic Regions of India
August 25-30	Drainage System of India: Introduction and Himalayas Rivers
September 01-06	Drainage System of India: Introduction and Peninsular Rivers
September 08-13	Climate of India: Introduction and Its Affecting Factors
September 15-20	Climate of India: Its Classification
September 22-27	Natural Vegetation: Classification
September 29-October 04	Natural Vegetation: Distribution and Inter-relationships
October 06-11	Biosphere Reserves of India
October 13-18	Soils: Classification
October 27-31	Soils: Distribution and Inter-relationships
November 01-08	Geographical Disasters
November 10-15	Climatological Disasters
November 17-22	Revision of Syllabus
November 24-29	Assessment Test


Assistant Professor

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S.M.S.L. GOVT. COLLEGE, JULANA (JIND)

LESSON PLAN (Session: 2025-26)

Name of Teacher: Dr. S.K. Chamar

Subject: Geography (MDC)

Class: B.A. First Year

Paper Code: GEO-23/MDC-101

Paper: Geography in Everyday Life (Practical)

Semester: 1st (Odd Semester)

Weeks With Months	Contents
August 01-7	Solar System
August 08-14	(Exercise-1)
August 18-23	Solstices and Equinoxes
August 25-30	(Exercise-2)
September 01-06	Antipodal Arrangement of Land and Water
September 08-13	(Exercise-1)
September 15-20	Drawing the Latitudes and Longitudes
September 22-27	(Exercise-2)
September 29-October 04	Time Zones of the World
October 06-11	(Exercise-1)
October 13-18	Calculation of Time in Eastern and Western Hemisphere (Exercise-2)
October 27-31	
November 01-08	International Date Line (Exercise-2)
November 10-15	
November 17-22	Check the Practical File Record and Practice of Viva-voce Examination
November 24-29	


Assistant Professor

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LESSON PLAN (Jul to Dec 2025)

Name of Teacher - Deepali.

Class - B III (14th Semester)

Session: - 2025-2026 (ODD Sem.)

Subject/Course - Geography Major

Paper Code - GEO-23/MCC-509.

Paper Title - Statistical Methods in Geography.

Weeks With Months	Contents
Week 1	Types of Data and descriptive Statistics
Week 2	Histograms, ogives
Week 3	Measures of Central Tendency.
Week 4	Mean, Median, Mode
Week 5	Measures of Dispersion, Quartile Deviation
Week 6	Mean Deviation and standard Deviation
Week 7	Measures of Inequality.
Week 8	Lorenz Curve, Class Test
Week 9	Sampling Introduction & Types
Week 10	Applications of Sampling in Geography
Week 11	Probability Distribution
Week 12	Models of Probability.
Week 13	Correlation Introduction & Scatter Diagram
Week 14	Rank Correlation and Coefficient of Correlation
Week 15	Properties of Normal Distribution
Week 16	Revision & class Tests
Week 17	Revisions Class Tests

Deepali