



# RAJIV GANDHI GOVT. COLLEGE FOR WOMEN BHIWANI

HANSI ROAD, BHIWANI-127021 (HARYANA)

AISHE Code:- C-28016

Website:- www.gcwbhiwani.ac.in

Phone No 01664-255118

Email:- gcwbhiwani@gmail.com

Ref. No. ....

Dated .....

## LESSON PLAN 2023-24 (Odd Semester)

BA 1<sup>st</sup> Semester

Name of Paper: Geography of India (20 UGEO 101)

Name of Practical: Basic Cartography

Name of Teacher: Rajesh Kumar

Month	Week	Theory	Practical
August 2023	2 <sup>nd</sup>	Introduction, India: Location, Physiography, Structure- The Northern and North Eastern Mountains.	Introduction to Cartography
	3 <sup>rd</sup>	Relief Structure-The Plain of Northern India, The Peninsular Plateau, Indian Desert, The Coastal Plains, The Islands.	History of Cartography
	4 <sup>th</sup>	Drainage System and Climate: Factors Determining the Climate of India and Nature of Indian Monsoon.	Map Making, Maps and Their Types
September 2023	1 <sup>st</sup>	Climate: The Rhythm of Seasons, Characteristics of Monsoon, Koeppen's Classification and Soils.	Map Scale: Methods of Expressing a Scale
	2 <sup>nd</sup>	Natural Vegetation, Test 1 <sup>st</sup> Unit	Conversion of Statement of Scale into R.F and Vice Versa
	3 <sup>rd</sup>	Population: Size, Growth, Distribution, Density and Composition.	Types of Scale: Plain Scale
	4 <sup>th</sup>	Migration: Types and Recent Trends	Comparative Scale, Diagonal Scale
October 2023	1 <sup>st</sup>	Test 2 <sup>nd</sup> Unit, Indian Agriculture: Characteristics	Measurement of Distance and Area on Map
	2 <sup>nd</sup>	Irrigation, Green revolution and Problem of Indian Agriculture	Fraction and Conversion of Scale
	3 <sup>rd</sup>	Energy Resources: Coal, Petroleum, Hydroelectricity.	Representation of Landforms and Relief: Contours, Hachures
	4 <sup>th</sup>	Energy Resources: Nuclear Energy and Mineral Resources, Test 3 <sup>rd</sup> Unit.	Convex and Concave Slope, Waterfall, Cliff Etc
November 2023	1 <sup>st</sup>	Industries: Iron Ore, Manganese	Point (Dot & Circle), Sphere & Cube
	2 <sup>nd</sup>	Industries: Iron and Steel, Cotton Textile and Sugar Industries.	Isopleth, Choropleth,
	3 <sup>rd</sup>	Transportation Mode: Road.	Traffic Flow, Wind Rose
	4 <sup>th</sup>	Transportation Mode: Rail, Revision & Test 4 <sup>th</sup> Unit.	<b>File Checking</b>

*Rajesh*



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## LESSON PLAN 2023-24 (Even Semester)

**Class:** BA 2<sup>nd</sup> Semester

**Name of Paper:** Economic Geography (20 UGEO 201)

**Name of Practical:** Statistical Techniques & Representation of Socio-Economic Data

**Name of Faculty:** Rajesh Kumar

Month	Week	Theory's Topic	Practical's Topic
Feb 2024	Week 1st	Nature and Scope of Economic Geography; Relation of Economic Geography with other Branches of Social Sciences.	Statistical Techniques
	Week 2nd	Location and Spatial Organization of Economic Activities. <b>Class Test 1<sup>st</sup> Unit</b>	Measures of Central Tendency: Mean
	Week 3rd	Classification of Economic Activity: Primary, Secondary and Tertiary.	Median, Mode;
	Week 4th	Models In Geography: Von-Thunen's Model of Agricultural Location	Measures of Dispersion: Range
March 2024	Week 1st	Edward Ullman's Model of Spatial Interaction. <b>Class Test 2<sup>nd</sup> Unit</b>	Mean Deviation, Quartile Deviation
	Week 2nd	World Natural Resources: Its Types, Utilization and Conservation.	Standard Deviation
	Week 3rd	Spatial Distribution of Food Crops (Rice)	Socio-Economic Data: Types of Data
	Week 4th	Spatial Distribution of Food Crops (Wheat). <b>Class Test 3<sup>rd</sup> Unit</b>	Sources of Socio-Economic Data: Primary
	Week 5th	Commercial Crops (Cotton) with Special Reference to India.	Sources of Socio-Economic Data: Secondary.
April 2024	Week 1st	Commercial Crops (Sugarcane) with Special Reference to India.	Representation of Socio-Economic Data:
	Week 2nd	Trade and Transport: Main Features of International Trade; Transport Cost.	Simple Line Graph
	Week 3rd	Accessibility and Connectivity.	Simple Bar Graph
	Week 4th	Major Oceanic Routes of the World. <b>Revision. Class Test 4<sup>th</sup> Unit</b>	Simple Pie Chart, <b>File Checking</b>

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LESSON PLAN 2023-24 (Odd Semester)			
<b>Class:</b> BA 3 <sup>rd</sup> Semester			
<b>Name of Paper:</b> Physical Geography (20 UGEO 301)			
<b>Name of Practical:</b> Topographical Sheets & Map Projections			
<b>Name of Teacher:</b> Pardeep Kumar			
Month	Week	Theory's Topic	Practical's Topic
July 2023	Week 5 <sup>th</sup>	Definition, Nature of Physical Geography;	Introduction to Topographical Sheets;
Aug 2023	Week 1 <sup>st</sup>	Scope and Fields of Physical Geography;	India and Adjacent Countries:
	Week 2 <sup>nd</sup>	Geological Time Scale, Rocks;	Degree Sheet, Half Degree Sheet
	Week 3 <sup>rd</sup>	Earth Movements: Orogenic and Epeirogenic. <b>Class Test 1<sup>st</sup> Unit</b>	Quarter Degree Sheet, Conventional Signs
	Week 4 <sup>th</sup>	Fundamental Concepts of Geomorphology;	Interpretation of Topographical Sheets of Survey of India:
Sept 2023	Week 1 <sup>st</sup>	Earthquakes and Volcanoes;	i. Relief. ii. Drainage
	Week 2 <sup>nd</sup>	Weathering and Mass Movements;	iii. Vegetation. iv. Transport Network
	Week 3 <sup>rd</sup>	Process and Landforms of Wind and Running Water. <b>Class Test 2<sup>nd</sup> Unit</b>	v. Human Settlements
	Week 4 <sup>th</sup>	Weather and Climate, Origin	Introduction to Map Projections:
	Week 5 <sup>th</sup>	Composition and Structure of Atmosphere,	Meaning, Classification and their Importance
Oct 2023	Week 1 <sup>st</sup>	Monsoon, Jet Stream,	i. Cylindrical Projections: Simple, Equal Area,
	Week 2 <sup>nd</sup>	EL-NINO, LA-NINA Phenomena. <b>Class Test 3<sup>rd</sup> Unit</b>	Orthomorphic / Mercator's Projection
	Week 3 <sup>rd</sup>	Configuration of Ocean Floor and Surface	ii. Conical Projections: Simple, One Standard Parallel,
	Week 4 <sup>th</sup>	Relief of Pacific, Atlantic, and Indian ocean;	Two Standard Parallel, Polyconic.
Nov 2023	Week 1 <sup>st</sup>	Temperature and Salinity of Oceans; Tide, Waves, and Oceanic Currents;	iii. Zenithal Projections:
	Week 2 <sup>nd</sup>	Circulation in Pacific,	Polar (Equidistant, Equal Area)
	Week 3 <sup>rd</sup>	Circulation in Atlantic and Indian Ocean.	iv. International Map Projection
	Week 4 <sup>th</sup>	Revision and <b>Class Test 4<sup>th</sup> Unit</b>	<b>File Checking</b>

*Pardeep*



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LESSON PLAN 2023-24 (Even Semester)			
Class: BA 4th Semester			
Name of Paper: Human Geography (20 UGEO 401)			
Name of Practical: Chain and Tape, Plane Table & Prismatic Compass Survey			
Name of Faculty: Pardeep Kumar			
Month	Week	Theory's Topic	Practical's Topic
Jan 2024	Week 3 <sup>rd</sup>	Human Geography: Definition, Nature, Scope,	Chain and Tape Survey:
	Week 4 <sup>th</sup>	Approaches, Major Branches,	
Feb 2024	Week 1 <sup>st</sup>	Contemporary Relevance.	Plan Preparation;
	Week 2 <sup>nd</sup>	Human Races: Classification and Distribution; Class Test 1 <sup>st</sup> Unit	Fixing of Chains;
	Week 3 <sup>rd</sup>	Human adaptation to the environment 1. Cold Region-Eskimo. 2. Hot Region:Bushman	Methods: Open Traverse,
	Week 4 <sup>th</sup>	Human adaptation to the environment 3. Plateau-Gonds. 4. Mountains-Gujjars.	Methods: Close Traverse,
Mar 2024	Week 1 <sup>st</sup>	Distribution of Population, Class Test 2 <sup>nd</sup> Unit	Methods: Triangulation.
	Week 2 <sup>nd</sup>	Factor Affecting the Distribution of Population;	Plane Table Survey: Plan Preparation,
	Week 3 <sup>rd</sup>	Population Resource	Methods: Radiation
	Week 4 <sup>th</sup>	Regions and Growth of Population; Human Migration: Causes and Consequences. Class Test 3 <sup>rd</sup> Unit	Methods: Intersection;
April 2024	Week 1 <sup>st</sup>	Human Settlement: Origin, Growth	Methods: Two Point and Three
	Week 2 <sup>nd</sup>	Human Settlement: Distributional Pattern of Rural Settlements.	Point Problems; Error Correction
	Week 3 <sup>rd</sup>	Human Settlement: Distributional Pattern of Urban Settlements.	Prismatic Compass Survey: Method,
	Week 4 <sup>th</sup>	Functions and Characteristics of Rural & Urban Settlements and their Problems. Revision and Class Test 4 <sup>th</sup> Unit	Correction of Bearing, Removal of Error
			<b>File Checking</b>

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LESSON PLAN 2023-24 (Odd Semester)			
BA 5 <sup>th</sup> Semester			
Name of Paper: Geomorphology (20 UGEO 501)			
Name of Practical: Remote Sensing & GIS			
Name of Teacher: Monika			
Month	Week	Theory	Practical
August 2023	2 <sup>nd</sup>	Nature and Scope of Geomorphology;	Remote Sensing;
	3 <sup>rd</sup>	Fundamental Concepts of Geomorphology	Working Principles
	4 <sup>th</sup>	Plate Tectonics;	Basic Characteristics of Aerial Photographs
September 2023	1 <sup>st</sup>	Theory of Isostasy: Pratt and Airy;	Interpretation of Aerial Photographs
	2 <sup>nd</sup>	Geological Time Scale. Test 1 <sup>st</sup> Unit	Identification of various features on Satellite Images
	3 <sup>rd</sup>	The Earth's Interior; Endogenetic Forces;	Interpretation of various features on Satellite Images
	4 <sup>th</sup>	Folds and Faults, Associated Topography (Folds & Faults);	GIS;
October 2023	1 <sup>st</sup>	Volcanoes and Earthquakes. Test 2 <sup>nd</sup> Unit.	Geo-referencing,
	2 <sup>nd</sup>	Exogenetic Forces: Weathering and Mass Wasting;	Digitization,
	3 <sup>rd</sup>	Erosional & Depositional Landforms associated with of Fluvial Processes, Aeolian and Glacial;	Layout map,
	4 <sup>th</sup>	Cycle of Erosion: Davis and Penck. Test 3 <sup>rd</sup> Unit.	Map making
November 2023	1 <sup>st</sup>	Application of Geomorphology;	Choropleth Maps
	2 <sup>nd</sup>	Natural Hazards (Landslides, Floods, Earthquakes, and Tsunamis).	Mapping with GPS (Global Positioning System)
	3 <sup>rd</sup>	Hydrology, Engineering Geology, Construction Activities & Regional Planning.	Mapping with Total Station (TS).
	4 <sup>th</sup>	Revision & Test 4 <sup>th</sup> Unit.	File Checking



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**Class:** BA 6<sup>th</sup> Semester **LESSON PLAN 2023-24 (Even Semester)**

**Name of Paper:** Climatology (20UGEO601)

**Name of Practical:** Field Survey

**Name of Faculty:** Monika Sharma

Month	Week	Theory's Topic	Practical's Topic
Jan 2024	Week 3 <sup>rd</sup>	Meaning definition of climatology, Nature and Scope of Climatology, Climate and Weather	Physical Survey: Identify the prominent landform and earth surface process of the survey area
	Week 4 <sup>th</sup>	Elements of Climate, Factor's affecting Climate, Composition and structure of atmosphere.	Demarcate the landform features of the selected area on a topographical sheet
Feb 2024	Week 1 <sup>st</sup>	Atmospheric Temperature: Vertical and Horizontal Distribution, Atmospheric Pressure and Wind Distribution. Class Test 1 <sup>st</sup> Unit	Identify the various soil types and their characteristics, classify the flora and fauna of the area
	Week 2 <sup>nd</sup>	Atmospheric Moisture: Humidity, Evaporation and forms of Conservation.	Identify the relationship of various landforms fauna and flora with land use settlement structure and lifestyle of people.
	Week 3 <sup>rd</sup>	Types of Precipitation, World Pattern of Rainfall. Class Test 2 <sup>nd</sup> Unit	Based on all observations prepare a field survey report
	Week 4 <sup>th</sup>	Air Masses: Concepts and Classification Atmospheric Disturbances	Socio economic survey: Prepare a structured questionnaire/schedule
Mar 2024	Week 1 <sup>st</sup>	Tropical and Temperate Cyclones	Supplement the information by personal observations and input from stakeholder.
	Week 2 <sup>nd</sup>	Anticyclones Class Test 3 <sup>rd</sup> Unit	Based on results of the household survey prepare a field report of social economic survey
	Week 3 <sup>rd</sup>	Climatic Regions;	Prepare Maps
	Week 4 <sup>th</sup>	Holi Vacations	
April 2024	Week 1 <sup>st</sup>	Classification of Koppen and Thornthwaite:	Prepare sketches
	Week 2 <sup>nd</sup>	Climate changes and global warming: Evidences, Causes.	Prepare photographs
	Week 3 <sup>rd</sup>	Climate changes and global warming: Consequences and measure of it's control	Prepare photographs
	Week 4 <sup>th</sup>	Revision & Class Test 4 <sup>th</sup> Unit.	Report Checking



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## LESSON PLAN 2023-24 (Even Semester)

Class: BA 6<sup>th</sup> Semester

Name of Paper: Climatology (20UGEO601)

Name of Practical: Field Survey

Name of Faculty: Monika Sharma

Month	Week	Theory's Topic	Practical's Topic
Jan 2024	Week 3 <sup>rd</sup>	Meaning definition of climatology, Nature and Scope of Climatology, Climate and Weather	Physical Survey: Identify the prominent landform and earth surface process of the survey area
	Week 4 <sup>th</sup>	Elements of Climate, Factor's affecting Climate, Composition and structure of atmosphere.	Demarcate the landform features of the selected area on a topographical sheet
Feb 2024	Week 1 <sup>st</sup>	Atmospheric Temperature: Vertical and Horizontal Distribution, Atmospheric Pressure and Wind Distribution. Class Test 1 <sup>st</sup> Unit	Identify the various soil types and their characteristics, classify the flora and fauna of the area
	Week 2 <sup>nd</sup>	Atmospheric Moisture: Humidity, Evaporation and forms of Conservation.	Identify the relationship of various landforms fauna and flora with land use settlement structure and lifestyle of people.
	Week 3 <sup>rd</sup>	Types of Precipitation, World Pattern of Rainfall. Class Test 2 <sup>nd</sup> Unit	Based on all observations prepare a field survey report
	Week 4 <sup>th</sup>	Air Masses: Concepts and Classification Atmospheric Disturbances	Socio economic survey: Prepare a structured questionnaire/schedule
Mar 2024	Week 1 <sup>st</sup>	Holi Vacations	Supplement the information by personal observations and input from stakeholder.
	Week 2 <sup>nd</sup>	Tropical and Temperate Cyclones	
	Week 3 <sup>rd</sup>	Anticyclones Class Test 3 <sup>rd</sup> Unit	Based on results of the household survey prepare a field report of social economic survey
	Week 4 <sup>th</sup>	Climatic Regions;	Prepare Maps
April 2024	Week 1 <sup>st</sup>	Classification of Koppen and Thornthwaite;	Prepare sketches
	Week 2 <sup>nd</sup>	Climate changes and global warming: Evidences, Causes,	Prepare photographs
	Week 3 <sup>rd</sup>	Climate changes and global warming: Consequences and measure of it's control	Prepare photographs
	Week 4 <sup>th</sup>	Revision & Class Test 4 <sup>th</sup> Unit.	Report Checking

M Sharma