

GAUR BRAHMAN DEGREE COLLEGE, ROHTAK

Subject Name: Introduction to Human Geography (Part- A) & Principles of Thematic Cartography (Practical) (Part- B) (Major)

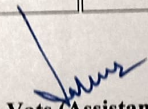
Sr. No	Unit	Lesson Plan: Batchelor of Arts Aided: 2025-26 (Semester-2 nd)		Month
		Theory	Practical	
1	Unit-1	Human Geography: Meaning, Nature and Scope; Changing man-environment relationship: Determinism, Possibilism, Neo-Determinism, Human-Ecology and Recent Perspectives; Evolution Of Mankind: Hunting & Food Gathering, Pastoral Nomadism, Subsistence Farming.	Maps and Cartography: Understanding the concept Types of Maps Data and Its Types: Spatial and Non-Spatial Thematic Data and Thematic Maps	January
2	Unit-2	Human Adaptation to Environment: Eskimo And Bushman; Primitive People of India: Bhil and Naga; Racial Classification: Griffith Taylor And B.S. Guha.	Bar Diagrams, Type and presentation on Map Line Diagrams, Type and presentation on Map Circle Diagram, Type and presentation on Map Techniques of Thematic Data Presentation: Chirograph and Hythergraph.	February
3	Unit-3	Demographic Attributes Composition, Growth and Distribution of Population; Human Migration: Causes, Types and Trends; Human Settlements: Types, Distribution and Affecting Factors.	Techniques of Thematic Mapping: Choropleth: Merit, Demerit and Making of Maps Dot Method: Merit, Demerit and Making of Maps Chorochromatic: Merit, Demerit and Making of Maps	March
4	Unit-4	Dynamics Of Population Resource Relationship; Population Resource Regions (Ackerman); Development and Environment Conflicts.	Choro Schematic; Interpolation Method Isopleth Mapping.	April


Dr. Tarun Vats (Assistant Professor)
Department of Geography

GAUR BRAHMAN DEGREE COLLEGE, ROHTAK

Subject: Introduction to Remote Sensing, GIS and Quantitative Methods (Theory) & Introduction to Remote Sensing and Field Survey Report (Practical)

Sr. No	Unit	Lesson Plan: Batchelor of Arts Aided: 2025-26 (Semester-6th)		Month
		Theory	Practical	
1	Unit-1	Aerial Photographs: Introduction; Advantages; Types; Elements of Aerial Photo Interpretation.	Demarcation of Principal Point Conjugate Principal point Fiducial Marks	January
2	Unit-2	Introduction To Remote Sensing: Electromagnetic Spectrum; Stages In Remote Sensing; Satellites and Its Types; Types of Imageries and Their Application in Various Fields; Such as Agriculture, Environment and Resource Mapping.	Flight line on Aerial Photographs Determination of Scale of Aerial Photographs Interpretation of Single Vertical Photographs	February
3	Unit-3	Introduction To Geographical Information System: Definition, Purpose and Advantages. Elements of GIS: Software and Hardware Requirements. Application of GIS In Various Fields of Geography.	Use of Stereoscope and Identification of Features Identification of Features on IRSID, LISS III imagery (Mark copy of FCC)	March
4	Unit-4	Measure of Central Tendency: Mean, Median and Mode. Measure of Dispersion: Range, Quartile Deviation and Mean Deviation; Standard Deviation, Coefficient of Variation.	Socio-economic Survey and Report Writing	April


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GAUR BRAHMAN DEGREE COLLEGE, ROHTAK

Subject Name: Introduction to Human Geography (Part- A) & Principles of Thematic Cartography (Practical) (Part- B) **(Major) Subject Code:** 24GEOM402DS01

Sr.No	Unit	Lesson Plan: Bachelor of Arts Aided: 2025-26 (Semester-2 nd)		Month
		Theory	Practical Unit – 1 & 2	
1	Unit-1	Human geography: meaning, nature and scope; changing man-environment relationship: determinism, possibilism, neo-determinism, human-ecology and recent perspectives; evolution of mankind: hunting & food gathering, pastoral nomadism, subsistence farming.	Cartography: an introduction; techniques in thematic data presentation: bar, line and circle diagram; techniques of thematic data presentation: chirograph and hythergraph.	January
2	Unit-2	Human adaptation to environment: Eskimo and Bushman; primitive people of India: Bhil and Naga; racial classification: Griffith Taylor and B.S. Guha.		February
3	Unit-3	Demographic attributes: composition, growth and distribution; human migration: causes, types and trends; human settlements: types, distribution and affecting factors.	Techniques of thematic mapping: choropleth, dot method, chorochromatic, choro schematic; interpolation method and isopleth mapping.	March
4	Unit-4	Dynamics of population resource relationship; population resource regions (Ackerman); development and environment conflicts.		April


Dr. Pinki Associate Professor Deptt. Of Geography

Date: 17/11/2025

GAUR BRAHMAN DEGREE COLLEGE, ROHTAK

Subject Name: Geography of Economic Activities & Socio-economic Survey and Field Report) (Major)

Subject Code: 25GEOM404DS01

Sr.No	Unit	Lesson Plan: Bachelor of Arts Aided: 2025-26 (Semester-4 th)		Month
		Theory	Practical Unit – 1 & 2	
1	Unit-1	Economic geography: nature and scope; relationship of economic geography with other disciplines; economic activities and their classification; impact of economic activities on environment; natural resources: concept and classification.	Land surveying: introduction, methods and objectives; chain and tape survey; plane table survey; field book, indexing, conventional signs and symbols.	January
2	Unit-2	World distribution of principal crops: wheat and rice; concept of location of agricultural activities-Von Thunen's Model; agro-industries: factors affecting their location; world distribution and production of sugar and cotton textile industry.		February
3	Unit-3	World distribution and production of mineral resources: iron and coal; classification of industries; factors affecting location of industries; industrial location theory of Weber; world distribution and production of iron & steel and petrochemical industry.		March
4	Unit-4	Economic development and globalization; significance and challenges of global sea transport; recent trends in international trade; international trade profile of India.		April

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Date: 17/11/2025

GAUR BRAHMAN DEGREE COLLEGE, ROHTAK

Subject Name: Geography and Environment (MDC)

Subject Code: 24GEOX02MD01

Sr.No	Unit	Lesson Plan: Batchelor of Arts Aided: 2025-26 (Semester-2 nd)	Month
1	Unit-1	Environment: meaning, definition and components; approaches to man-environment relationship; ecology and ecosystem.	January
2	Unit-2	Environmental pollution: air pollution, water pollution, noise pollution; land degradation; depletion of ozone layer; desertification; greenhouse effect and climate change.	February
3	Unit-3	Conservation and management of environment: concept, methods and approaches.	March
4	Unit-4	Environmental policies and programmes; awareness and movements in India.	April


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