

Lesson Plan of BA 2nd sem (Geog. Major)

Ajit singh, Asstt. Prof. Geography

Sesson 2025-26 (Even Sem)

SKILLS IN CARTOGRAPHY

Jan-Feb	1. Nature and scope of cartography, historical and recent development. 2. Drawing instruments: properties and characteristics; drawing techniques.
Feb-March	3. Scale: types, significance and applications. 4. Maps: classification, characteristics, significance and limitations
March-Apr	5. Basic concepts of surveying and survey equipment's, coordinate system and map: magnetic and true north, polar and rectangular. 6. Techniques of map enlargement and reduction; map producing agencies in India. (GSI, SOI, FSI, NATMO, NBBSLUP, NRSC, AISSLUP and IMD).
Apr-May	7. Methods and representation of climatic data. 8. Methods and representation of socio-economic data.



Lesson Plan of BA 2nd sem (Geog. Major)

Introduction to Human Geography, Ajit singh, Asstt. Prof. Geography,

Sesson 2025-26 (Even Sem)

Jan-Feb	1. Definition, nature and scope of human geography. 2. Development of human geography, approaches to study human geography, branches and relation with other social sciences.
Feb-March	3. Human race: Meaning, classification of races and their global diffusion and distribution. 4. Religion: Meaning, nature and classification. Evolution and global distribution of major religions in the world.
March-Apr	5. Organization of space: central place theory agricultural location model and industrial location model by Webber. 6. Distribution, density and growth of population: Determinants and world pattern.
Apr-May	7. World pattern of development: economy and polity. 8. World pattern of migration streams and determinants



	CLASS-II VOC	<u>Lesson Plan</u> Geo-23/M-404/V Name of Teacher: Dr. Parveen Sangwan fundamental of Remote Sensing PIGGCW Ind Sensing
①	January 2026	Aerial Photography: History, advantage and Limitations.
②	February 2026	Type of Aerial Photograph. Geometry of Aerial Photograph.
③	March 2026	Interpretation of Aerial photograph. Test and Assignment
④	April 2026	Stages of remote sensing Electromagnetic radiation and spectrum.
⑤	May 2026	Interpretation of satellite images Indian space program.
		Parveen 25/02/26

Teacher's Name.

Lesson Plan

Name of Course -

Geography of environment

Dr - Farveen Sangwan

Class -

B.A - II⁺

PIGGGW Jnd.

Course code - Geo-23/MDC
202

①	January 2026	Nature and scope of environment Geography
②	February 2026	Determinants of environment Concept of ecology and eco-system.
③	March 2026	Trophic structure and energy flow. Environment Pollution: meaning cause and impact of Pollution.
④	April 2026	Air Pollution, water Pollution and Land pollution. Test and Assignment.
⑤	May 2026	Mitigation effect of environment degradation stockhome conference Cauchi summit and Kyoto protocol.

~~Farveen~~
25/02/26

P. I. G. G. C. W Jind

Name - Kamlesh

Dept. - Geography

Class - B.A Ist (Indsem)

Paper - Fundamentals of Physical Geography

GEO-23/CC-202

Jan 2026

Interior of the earth, geological time scale,

Feb 2026

Rocks and their types.
Theory of isostasy, Continental drift and Plate tectonic.

March
2026

Degradational Processes: weathering, mass wasting and resultant landforms.
Landforms generated by following geomorphic agents: River, Under-groundwater, wind and glacier.

April
2026

weather and climate: Atmosphere composition and structure.
Atmospheric temperature, pressure and moisture measurement and distribution.
Surface configuration of ocean floors: Surface

May
2026

Relief of the Pacific, Atlantic and Indian Ocean.
Circulation of Oceanic waters: current of the Pacific, Atlantic and Indian Ocean.

Kamlesh
25/2/26

P.I. G.C.C.W Jind

Name - Kamlesh

Dept. - Geography

Class - B.A. B.Sc Ist (Indsem) (6EO-23/m)

Paper - Human geography of India 202

Jan
2026

Population of India: Growth and its measures

Feb
2026

Population of India: Distribution of Density
Population Compositions: Sex Ratio, Literacy rate, work force

March
2026

Ethnic composition of India: Language and ~~religi~~ religion.
Energy Resources of India: Production and distribution of coal, Petroleum

April
2026

Hydropower and Solar power. Industrial Resources of India: Iron ore, Cotton and sugarcane.

May
2026

Industrial development of India: Iron and steel, Sugar and textile.
Transportation in India: Road, Railways, waterways.

Kamlesh
25/02/26

College → P.I.G.G.C.W Jind
Deptt. → Geography
Teacher's Name → Sanju Bala
Class → G.H.III

GEO - 23/MCC - 611 → Basics of Remote Sensing

Jan. 2026	Introduction to Aerial Photographs. Their Types.
Feb. 2026	Advantage of Aerial Photographs Elements of Aerial Photo Interpretation Introduction to Remote Sensing - Electro- -magnetic spectrum Process of Remote sensing
March-2026	→ Types of Satellite, Indian space programs & their Data Products → Introduction of GIS - Definition, purpose & components
April 2026	→ Spatial & Non-spatial Data - their characteristics & sources. → Application of Remote Sensing in Agriculture & Resource management.
May 2026	Application of GIS in Forest & Landuse Land cover mapping.

Sanju
25/02/26

College - P.T.G. G.C.W Jind
Deptt. → Geography
Teacher's Name → Sanju Bala
Class → G.H.III + B.A.III
(VOC) Paper → GEO-23/M 606(V) (Making of Maps)

Jan 2026	Nature & Scope of Cartography
Feb. 2026	Nature & Scope of Cartography Recent Development in cartography Historical Development of cartography
March-2026	Elements of Maps Types & characteristics of maps
April 2026	Introduction of Topographical maps One million sheets, Half Degree sheets Fourth degree sheets
May 2026	What is Scale. Types of Scale & Uses of scale

Sanju
25/02/26

College → P.T.G. G.C.W
Deptt. → Geography
Class → B.A.G.H.III (6th sem.)
Teacher's name → Sanjay Balg

GEO-23/SEC(604) → Field Survey Based Report (Socio-economy)

Jan 2026	Basic tools & Techniques to conduct a field survey
Feb 2026	Basic Techniques to conduct field survey Types & Sources of Demographic & Socio-economic data Survey Types - Census & Sample Survey
March 2026	Sampling Techniques: Probability & Non Probability samplings. Schedule & Questionnaire: Differences Types, advantages & disadvantages.
April 2026	Use of Schedules & Questionnaire in field survey Survey / Research Report: Types & Components Survey / Research Report: precautions in preparation of Survey / Research reports.

Sanjay
25/02/26

College - P. I. G. G. C. W Jind

Dept. - Geography

Teacher's Name - Renu Bala

Class - B.A. III (Sec A+B)

Geo-23C C-606 Basics of Remote Sensing

Jan-2026

Introduction to Aerial photographs.

Feb-2026

Their types and advantages. Elements of Aerial photo interpretation.

March-2026

Introduction to Remote Sensing. Electromagnetic Spectrum and processes of Remote Sensing. Types of Satellite, Indian Space programs and their data products.

April-2026

Introduction to GIS, Definition, Purpose, and Components. Spatial and Non spatial data their characteristics and source. Application of Remote Sensing in Agriculture and Resource management.

May-2026

Application of GIS in Forest and Landuse/Landcover mapping.

Do
25/02/26

College - P.I.G.C.W. Jind

Deptt. - Geography

Teacher's Name - Renu Bala

Class - IInd G.H.

GEO-23/QSE-503(ii) - Biogeography

Jan-2026

Nature, Scope of biogeography.

Feb-2026

Nature, Scope and significance of biogeography
Basic ecological Principles. Bio-energy cycle
in territorial ecosystem, energy budget of
the earth, trophic level and food web.

March-2026

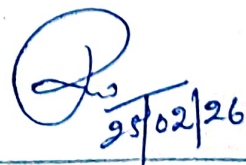
Distribution of plant life on the earth and
its relation to soil, climate and human
activities. Geographical distribution of
animal life on the earth and its relation
to vegetation types, climate and human
activities.

April-2026

Communities, Nature of Communities and
ecosystem, biodiversities, human induced communities
change, habitat decay and conservation of
biotic resources. Industrial effluent and
its effect on fresh water and marine
biology. Environmental hazards, ecological
consequences.

May-2026

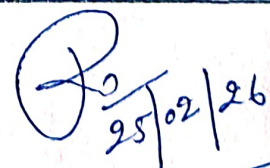
Human perception and adjustment with respect
to flood, drought and earthquake. Bio-Reserves
in India distribution and characteristics.


25/02/26

College - P. I. G. C. W. Jind
Deptt - Geography
Teacher's Name - Renu Bala
Class - C. H. IInd

Geog-23/DSE-401 (i) Geography of Tourism

Jan-2026	Tourists and tourism Nature, scope of tourism.
Feb-2026	Approaches and significance of tourism. Travel and tourism through ages. Role of geography in tourism industry. type of tourism.
March-2026	Tourism importance, development of tourism in India and other major tourist countries. Trends of international and domestic tourism. Tourism motivation and tourism demand.
April-2026	Tourism infrastructure, transport, accommodation, hospitality and other facilities. Positive and negative impact of tourism, economic, political, socio-cultural and environmental. Carrying capacity.
May-2026	A tool for sustainable development Tourism planning and policies.


25/02/26

Lesson plan (Session-2025-26)

Department of Geography, GCW JIND

Teacher Name- Surender Singh

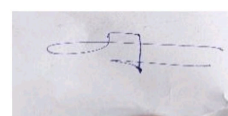
Class- B.A II Year Pass Course (IV SEM)

Subject- Geography

Paper- Basics of Economic Geography

Course Code- GEO-23/CC – 404

SR.NO	MONTHS	TOPICS
01	January & February 2026	1. Nature and scope of economic geography and its relationship with economics. 2. Classification of economic activities and their impact on environment.
02	March 2025	3. Natural resources: types, bases of classification. 4. Utilization and conservation of natural resources.
03	April 2025	5. World distribution of food crops (rice and wheat), commercial crops (cotton and sugarcane) and plantation crops (tea and coffee). 6. World distribution and production of coal, petroleum and natural gas, iron ore and bauxite.
04	May 2026	7. World distribution and production of iron and steel industry, textile industry, sugar industry and automobile industry. 8. International trade and transport and major oceanic trade routes.



Signature

Lesson plan (Session-2025-26)

Department of Geography, GCW JIND

Teacher Name- Surender Singh

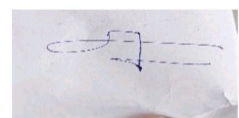
Class- B.A/B.sc Ist Year Pass Course (II SEM)

Subject- Geography

Paper- Human Geography of India (Minor)

Course Code- GEO-23/M-202

SR.NO	MONTHS	TOPICS
01	January & February 2026	1. Population of India: Growth and its measures. 2. Population of India: Distribution of Density
02	March 2025	3. Population composition: Sex ratio, literacy rate, work force. 4. Ethnic composition of India: Language and religion.
03	April 2025	5. Energy resources of India: Production and distribution of Coal, Petroleum, hydropower and solar power. 6. Industrial Resources of India: Iron-ore, Cotton and Sugarcane.
04	May 2026	7. Industrial development of India: Iron and steel, sugar and textile. 8. Transportation in India: Road, Railways, Waterways.



Signature

Lesson plan (Session-2025-26)

Department of Geography, GCW JIND

Teacher Name- Surender Singh

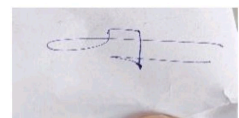
Class- B.A/B.sc/B.Com Ist Year Pass Course (II SEM)

Subject- Geography

Paper- Geography of the Environment (MDC)

Course Code- GEO-23/MDC-202

SR.NO	MONTHS	TOPICS
01	January & February 2026	1. Nature and Scope of Environmental Geography. 2. Determinants of Environment.
02	March 2025	3. Concept of Ecology and ecosystem. 4. Trophic structure and energy flow.
03	April 2025	5. Environmental pollution: Meaning causes and impacts of Air, Water and Land pollution.
04	May 2026	6. Mitigating efforts of Environmental degradation: Stockholm conference, earth summit and Kyoto protocol.



Signature

Lesson plan (Session-2025-26)

Department of Geography, GCW JIND

Teacher Name- Dr. Sandeep Kumar

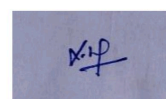
Class- B.A HONS III Year (VI SEM)

Subject- Geography

Paper - Regional Development and Planning

Course Code- GEO-23/MCC - 612

SR.NO	MONTHS	TOPICS
01	Jan & Feb 2026	1. Concept of Region, type of regions. 2. Methods of regionalization. 3. Theories of Regional Development: Hirschman and Myrdal's.
02	March 2026	4. Regional imbalances in development in India with spatial reference of human and economic development. 5. Concept of planning: Spatial and Sectoral, Regional and National, Micro and Macro.
03	April 2026	6. Environmental issues in Regional Planning: Planning for Sustainable Development. 7. Features of various Five Years plans of India.
04	May 2026	8. Urban Planning in India with special reference to National Capital Region.



Signature

Lesson plan (Session-2025-26)

Department of Geography, GCW JIND

Teacher Name- Dr. Sandeep Kumar

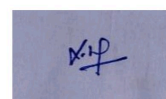
Class- B.A HONS III Year (VI SEM)

Subject- Geography

Paper – Agriculture Geography

Course Code- GEO-23/DSE-604 (i)

SR.NO	MONTHS	TOPICS
01	Jan & Feb 2026	1. Definition, nature and scope of agricultural geography. 2. Various approaches to study agriculture geography with special reference to commodity, systematic and regional approaches. 3. Physical factors as determinants of land use and cropping pattern.
02	March 2026	4. Technological and institutional factors as determinants of agricultural patterns. 5. Significance of surveys in agricultural geography-land use and land capability survey.
03	April 2026	6. Von Thunen model of agricultural land use. 7. Basics of regionalization of agriculture- crop combinations, concentration and diversification indices.
04	May 2026	8. World agricultural regions-Whittlesey's criteria of classification of agricultural systems 9. Green Revolution in India- its impact and consequences.



Signature

Lesson plan (Session-2025-26)

Department of Geography, GCW JIND

Teacher Name- Dr. Sandeep Kumar

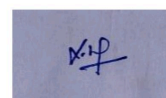
Class- B.A HONS III Year (VI SEM)

Subject- Geography

Paper - Political Geography

Course Code- GEO-23/DSE-605(ii)

SR.NO	MONTHS	TOPICS
01	Jan & Feb 2026	1. Definition, nature and scope of Political geography. 2. Concept of Nation and State, Attributes of State – Frontiers, Borders, Shape, Size, Territory and Sovereignty.
02	March 2026	3. Distinction between frontiers and boundaries, Demarcation of boundaries, Classification and functions of boundaries. 4. Landlocked states: advantages and disadvantages.
03	April 2026	5. Global strategic views: Mahan and Sea power, Mackinder and Heartland, Spykman and Rimland. 6. Geopolitical significance of Indian Ocean.
04	May 2026	7. Geopolitical issues in India with special reference to water dispute and riparian claims. 8. Kashmir, Galwan valley problem and Indo-Pak relations.



Signature

Lesson plan (Session-2025-26)

Department of Geography, GCW JIND

Teacher Name- Dr. Sandeep Kumar

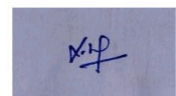
Class- B.A HONS II Year (IV SEM)

Subject- Geography/English

Paper - Understanding Climate Change

Course Code- GEO-23/VAC-404

SR.NO	MONTHS	TOPICS
01	Jan & Feb 2026	1. Understanding climate. 2. Elements of climate. 3. Basis of classification of climate.
02	March 2026	4. Various types of climate. 5. The concept of climate change.
03	April 2026	6. Tools of reconstruction of past climate. 7. Evidences of climate change.
04	May 2026	8. Effects of climate change.



Signature