

M.J.Govt.College for Girls, Pillukhera (Jind)
Department of Geography

Lesson Plan (Session -2025-26)

Subject :- Fundamentals of Physical Geography(GEO-23/CC-202)

Class- B.A. 1 (2nd Semester) Even Semester (Theory/Practical)

<u>Sr. No.</u>	<u>Months</u>	<u>Syllabus Contents(Theory)</u>	<u>(Practical)</u>
1	January & February 2026	<ul style="list-style-type: none"> Weather and climate: Atmosphere-composition and structure. Interior of the earth, geological time scale, rocks and their types. 	Preparation of climograph, hythergraph and hycetograph
2	March 2026	<ul style="list-style-type: none"> Theory of isostasy, continental drift and plate tectonic. Degradational processes: weathering, mass wasting and resultant landforms. 	Interpretation of a daily weather map of India: Pre-Monsoon, Monsoon and Post-Monsoon
3	April 2026	<ul style="list-style-type: none"> Atmospheric temperature, pressure and moisture: measurement and distribution. Landforms generated by following geomorphic agents: river, under-ground water, wind and glacier. Surface configuration of ocean floors: surface relief of the Pacific, Atlantic and Indian Ocean. <p>Seminar/Presentation/Assignment/Quiz/Class Test etc.</p>	Identification and collection of rock samples: granite, basalt, laterite, limestone, shale, sandstone, conglomerate, slate, phyllite, schist, gneiss, quartzite. Seminar/Demonstration/Viva-voce/Lab records etc.
4	May 2026	<ul style="list-style-type: none"> Circulation of oceanic waters: current of the Pacific, Atlantic and Indian Ocean. Revision of Syllabus 	Extraction of physiographic information from Survey of India 1:50000 topographical maps of mountain, plateau and plain regions

(Signature)

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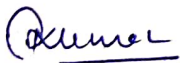
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Lesson Plan (Session -2025-26)

Subject :- Basies of Economic Geography (GEO-23/CC-404)
Class-B.A.II (4th Semester) Even Semester (Theory/Practical)

Sr. No.	Months	Syllabus Contents(Theory)	(Practical)
1	January & February 2026	<ul style="list-style-type: none">Nature and scope of economic geography and its relationship with economics.Classification of economic activities and their impact on environment.Natural resources: types, bases of classification.Utilization and conservation of natural resources.	Choropleth mapping of state-wise variation in GDP and PCI.
2	March 2026	<ul style="list-style-type: none">World distribution of food crops (rice and wheat), commercial crops (cotton and sugarcane) and plantation crops (tea and coffee).	Computation of rail and road transport network accessibility index.
3	April 2026	<ul style="list-style-type: none">World distribution and production of coal, petroleum and natural gas, iron ore and bauxite.World distribution and production of iron and steel industry, textile industry, sugar industry and automobile industry. <p>Seminar/Presentation/Assignment/Quiz/Class Test etc.</p>	Time series analysis of world food, commercial and plantation crops production and trade using polygraph method. Seminar/Demonstration/Viva-voce/Lab records etc.
4	May 2026	<ul style="list-style-type: none">International trade and transport and major oceanic trade routes.Revision of Syllabus	Representation of coal and sugar production of major countries of the world using compound bar diagram.



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Lesson Plan (Session -2025-26)

Subject:- Basics of Remote Sensing (GEO-23/CC-606)

Class- B.A. III (6th Semester) Even Semester (Theory/Practical)

<u>Sr. No</u>	<u>Months</u>	<u>Syllabus Contents(Theory)</u>	<u>(Practical)</u>
1	January & February 2026	<ul style="list-style-type: none">• Introduction to Aerial Photographs: their types and advantages.• Elements of Aerial Photo interpretation.• Introduction to Remote Sensing: Electromagnetic spectrum and processes of Remote Sensing	Identification and mapping of Principal Point, Conjugate Principal point, Determination of Flight line on Aerial Photographs
2	March 2026	<ul style="list-style-type: none">• Types of Satellite, Indian Space programs and their data products.• Introduction to Geographical Information System (GIS): Definition, purpose, and components.	Interpretation and mapping of land use from Aerial photograph. Introduction to QGIS Making of shape files in QGIS
3	April 2026	<ul style="list-style-type: none">• Spatial and Non-Spatial data: their characteristics and sources.• Application of Remote Sensing and GIS in Urban Planning and Resources management.• Uses of UAV (Drone) in Agriculture and Settlement Analysis. <p>Seminar/Presentation/Assignment/Quiz/Class Test etc.</p>	<ul style="list-style-type: none">• Digitization in QGIS• Map composition Mapping using Drone. Seminar/Demonstration/Viva-voce/Lab records etc.
4	May 2026	<ul style="list-style-type: none">• Uses of UAV (Drone) in Agriculture and Settlement Analysis. <p>Revision of Syllabus</p>	Map composition Mapping using Drone.

Ramesh

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