

Lesson Plan (Session -2023-24)
 Subject:- (Studies Environmental VAC -2 B 21-VAC-201)
 Class-B.A./B.COM.-I (1st Semester) Odd Semester

Sr. No.	Months	Contents/Topics
1	July 2023	<p style="text-align: center;">Introduction to environmental studies:</p> <ul style="list-style-type: none"> • Multidisciplinary nature of environmental studies.
2	August 2023	<ul style="list-style-type: none"> • Scope and importance; Concept of sustainability and sustainable development. • Ecosystems: Definition, structure and function of ecosystem; Energy flow in an ecosystem: food chains, food webs, Major ecosystems types: Forest ecosystem, Grassland ecosystem, Desert ecosystem and Aquatic ecosystem (lakes, rivers, oceans).
3	September 2023	<p style="text-align: center;">Natural resources: Renewable and Non- renewable Resources</p> <ul style="list-style-type: none"> • Land resources: Land degradation and soil erosion. • Forest resources: Importance of forests, deforestation: causes and impacts on environment • Water resources: Use and over- exploitation of surface and ground water. • Energy resources: Renewable and non- renewable energy sources.
4	October 2023	<p style="text-align: center;">Biodiversity and Conservation:</p> <ul style="list-style-type: none"> • Definition and its types, Endangered and endemic species of India. • Threats to biodiversity: Habitat loss, poaching of wildlife, man- wildlife conflicts, biological invasions; Conservation of biodiversity: In-situ and Ex- situ conservation of biodiversity. • Ecosystem and biodiversity services: Ecological, economic, social, ethical, aesthetic and informational values.
5	November 2023	<p style="text-align: center;">Environmental pollution</p> <ul style="list-style-type: none"> • Environmental pollution: types, causes, effects and controls; Air, water, soil and noise pollution. • Solid waste management: Sources, methods of disposal: Landfill, incineration and composting. • Climate change, global warming, ozone layer depletion, acid rain and impacts on human communities and agriculture. <p style="text-align: center;">Environmental Policies & Practices</p> <ul style="list-style-type: none"> • Environmental laws: Environment (Protection) Act, 1986, Air (Prevention & Control of Pollution) Act, 1981, Water (Prevention and control of Pollution) Act, 1974.
	December 2023	<p style="text-align: center;">Human Communities and the Environment:</p> <ul style="list-style-type: none"> • Human population growth: Impacts on environment, human health and welfare. • Resettlement and rehabilitation of project affected person. • Disaster management: floods, earthquake, cyclones, landslides and drought. • Environmental ethics: Role of Indian and other religions and cultures in environmental conservation.

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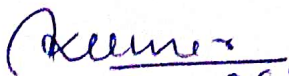
Govt.College for Girls, Pillukhera(Jind)

Lesson Plan (Session :2023-24)

Subject:- Geography (Introduction to Geography of India) (Theory)

Class-B.A.I Year (1st Semester) Odd Semester

Sr. No.	Months	<u>Syllabus Contents</u>
1	July 2023	<ul style="list-style-type: none">• Geological history and regions of India
2	August 2023	<ul style="list-style-type: none">• Physiographic division of India.• Drainage System and Soils of India.
3	September 2023	<ul style="list-style-type: none">• Climate, Natural Vegetation of India.• Population: Distribution, Density, Growth . Assignment-1
4	October 2023	<ul style="list-style-type: none">• Population Composition: Sex ratio rural and Urban Literacy, Workforce, Language and Religion• Resources:-Production and distribution of iron ore, coal, petroleum, hydro power, solar and thermal power. Assignment -2
5	November 2023	<ul style="list-style-type: none">• Industries: Iron and steel, sugar and cotton textile,• Transport and Communication, Test
6	December 2023	<ul style="list-style-type: none">• Revision of Syllabus



06/10/2023

Department of Geography

Govt. College for Girls, Pillukhera (Jind)

Lesson Plan (Session:2023-24)
Subject:- Introduction to Geography of India (Practical)
Class-B.A.I Year (1st Semester) Odd Semester

Sr. No.	Months	<u>Syllabus Contents</u>
1	July 2023	<ul style="list-style-type: none"> • Introduction to Cartography. • Maps and their types.
2	August 2023	<ul style="list-style-type: none"> • Drawing of Isopleths line on the map of India • Land use pattern of India(Pie chart)
3	September 2023	<ul style="list-style-type: none"> • Population distribution and density map of India (Choropleth and Dot method)
4	October 2023	<ul style="list-style-type: none"> • Occupational Structure, Sex Ratio, Literacy ,Population of Selected metro cities of India)
5	November 2023	<ul style="list-style-type: none"> • Age and sex structure(Pyramid diagram) • Rainfall deviation diagram of at least 20 years
6	December 2023	<ul style="list-style-type: none"> • Cropping intensity and irrigation intensity(mono and bi-variate) <p>Revision of Syllabus</p>

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 06/10/2023


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Lesson Plan (Session: 2023-24)

Subject:- Geography (Physical Geography-II)- Theory

Class-B.A.II Year (3rd Semester) Odd Semester)

Sr. No.	Months	<u>Syllabus Contents</u>
1	July 2023	<ul style="list-style-type: none">• Weather and Climate: Origin, composition of Atmosphere
2	August 2023	<ul style="list-style-type: none">• Structure of Atmosphere.• Insolation , Global heat budget, Horizontal and vertical distribution of temperature, inversion of temperature. Atmospheric pressure- measurement and distribution, pressure belts, planetary winds, Monsoon, Jet Streams El. NINO- La Nina Phenomenon and Local winds.
3	September 2023	<ul style="list-style-type: none">• Humidity- measurement and variables, evaporation, condensation, precipitation forms and types and distribution, hydrological cycle.• Air masses- concept and classification; Fronts- type and characteristics, Weather disturbances- tropical and extra-tropical cyclones. Assignment - 1
4	October 2023	<ul style="list-style-type: none">• Climate classification by Koppen; climatic change and global warming.• Configuration of oceanic floors and surface relief of Pacific, Atlantic and Indian Oceans; temperature and salinity of oceans. Assignment - 2
5	November 2023	<ul style="list-style-type: none">• Tides, waves and oceanic currents; circulation in Pacific, Atlantic and Indian Oceans; Oceanic resources.
6	December 2023	<ul style="list-style-type: none">• Test• Revision of Syllabus


Department of Geography 06/10/2023

Govt. College for Girls, Pillukhera (Jind)

Lesson Plan (Session: 2023-24)

Subject :- Geography (Representation of Climatic Data) (Practical)

Class-B.A.II Year (3rd Semester) Odd Semester

Sr. No.	Months	<u>Syllabus Contents</u>
1	July 2023	<ul style="list-style-type: none">• Measurement of temperature, rainfall, pressure and humidity.
2	August 2023	<ul style="list-style-type: none">• Representation of temperature and rainfall.• (i) Line and Bar Graph• (ii) Distribution of temperature
3	September 2023	<ul style="list-style-type: none">• (iii) Distribution of rainfall• (iv) Hythergraph• (v) Rainfall deviation diagram
4	October 2023	<ul style="list-style-type: none">• Climograph (wet and dry places)• Distribution of pressure• Weather map Interpretation (January & July)
5	November 2023	<ul style="list-style-type: none">• Chain and tape survey
6	December 2023	<ul style="list-style-type: none">• Revision of Syllabus

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Lesson Plan (Session:2023-24)

Subject :- Geography (Economic Geography) (Theory)

Class-B.A.III Year (5th Semester) Odd Semester

Sr. No.	Months	<u>Syllabus Contents</u>
1	July 2023	<ul style="list-style-type: none">Nature, scope and relationship of economic geography with economics and other branches of social sciences.
2	August 2023	<ul style="list-style-type: none">Classification of economic activities and their impact on environment.World natural resources: Types, bases and classification. <p>Assignment – 1</p>
3	September 2023	<ul style="list-style-type: none">Conservation and utilization of natural resourcesClassification of mineral resources (ferrous and non-ferrous), distribution and production of coal, iron ore, petroleum and natural gas
4	October 2023	<ul style="list-style-type: none">Spatial distribution of food (rice and wheat), commercial (cotton and sugarcane) and plantation crops (tea, rubber and coffee).Classification of industries, world distribution and production of iron and steel and textile industry, major industrial complexes of the world. <p>Assignment – 2</p>
5	November 2023	<ul style="list-style-type: none">Transport, communication and trade: geographical factors in their development, major modes of water, land and air transport, recent trends in international trade
6	December 2023	<ul style="list-style-type: none">TestRevision of Syllabus

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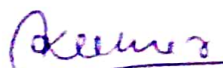
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Lesson Plan (Session:2023-24)

Subject :- Geography (Distribution Maps and Diagrams) (Practical)

Class-B.A.III Year (5th Semester) Odd Semester

Sr. No.	Months	<u>Syllabus Contents</u>
1	July 2023	<ul style="list-style-type: none">• Principal of map design and layout
2	August 2023	<ul style="list-style-type: none">• Symbolization: point, line and area symbol• Lettering and toponomy• Mechanics of map construction
3	September 2023	<ul style="list-style-type: none">• (i) Quantitative distribution Maps• Isopleth map• Choropleth• Dot maps-• Diagrammatic maps
4	October 2023	<ul style="list-style-type: none">• Distribution maps• (ii) Qualitative distribution maps• Choroschematic maps• Chorochromatic maps
5	November 2023	<ul style="list-style-type: none">• Prismatic Compass Survey
6	December 2023	<ul style="list-style-type: none">• Revision of Syllabus


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