

GOVERNMENT COLLEGE BIROHAR (JHAJJAR)

Summary of Lesson Plans of College Faculty for Academic Session 2024- 2025

Name of Assistant/Associate Professor: PARDEEP KUMAR

Class & Sem.: BA Ist Year Subject: GEOGRAPHY C Introduction ^{major} to Human Geography

Months	Topics/Chapters to be Covered
Jan Feb. 2025	<u>Unit I</u> Human Geography, meaning, nature and scope: changing man-environment relationship: determinism, possibilism, neo-determinism, human ecology and recent perspective: Evolution of mankind, hunting and food gathering, pastoral, nomadism, subsistence farming
Feb march 2025	<u>Unit - II</u> human adaptation to environment: Eskimo and Bushman, primitive people of India, Bhil, Naga Racial classification Griffith Taylor and B.S. Chhabra
March April 2025	<u>Unit - III</u> Demographic attributes composition, growth and distribution, human migration causes, types and trends, human settlements type distribution and affecting factors.
April may 2025	<u>Unit - IV</u> Dynamic of population resources relationship population resource region (Akesterman) development and environment conflicts.

Pardeep Kumar
Signature of Asst/Asso. Professor

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Summary of Lesson Plans of College Faculty for Academic Session 2024- 2025

Name of Assistant/Associate Professor: PARDEEP KUMAR

Class & Sem.: B.A. Ist Year Sem Subject: Geography Practical (Principles of Thematic Cartography)

Months	Topics/Chapters to be Covered
Feb Jan 2025	<u>Unit - I</u> Cartography: An introduction, techniques in thematic data representation, bar line and circle diagram
March Feb 2025	<u>Unit - II</u> Climograph and hythergraph
April March 2025	<u>Unit - III</u> Techniques of thematic mapping, choropleth, dot method, chorochromatic choropleth
May April 2025	<u>Unit - IV</u> Interpolation method, isopleth mapping

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Name of Assistant/Associate Professor: PARDIP KUMAR

Class & Sem.: BA Ist IInd Sem Subject: Geography and Environment - 24660X02MH01

Months	Topics/Chapters to be Covered
Feb. Jan 2025	<u>Unit Ist</u> Environment : meaning, definition and Components : Approaches to man - environment relationship Ecology and Eco-system
March Feb 2025	<u>Unit IInd</u> Environmental Pollution, Air pollution water pollution, noise pollution, land degradation, depletion of ozone layer, Desertification, Green House effect and climate change.
April March 2025	<u>Unit - 3</u> Conservation and Management of environment : Concept methods and approaches.
MAY. April 2025	<u>Unit 4</u> Environmental policies and programmes. awareness and movements in geology.

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Name of Assistant/Associate Professor: PARDEEP KUMAR

Class & Sem.: B.A. 1st 11th Sem Subject: Geography (Skill) 24CE0402SG01

Months	Topics/Chapters to be Covered
Feb Jan 2025	<u>Unit I</u> Geospatial data , definition and concept , types of geospatial data : Vector and raster resources and open data , Bhuvan , USGC/GLCF, google earth engine and survey of India topsheet open series , Geological Survey of India , NATMO.
March Feb 2025	<u>Unit - II</u> downloading open data from Bhuvan , USGC/GLCF , google earth engine and survey of India , topsheet open sheet , Geological survey of India SRTM and NATMO open street map.
April March 2025	<u>Unit - III</u> Application of open data resources , mapping land use / land cover , land surveying Urban planning , stubble burning , flood mapping deforestation.
May April 2025	<u>Unit - IV</u> Application of open data resources , Urban planning stubble burning , flood mapping deforestation.

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Name of Assistant/Associate Professor: PARDDEP KUMAR

Class & Sem.: B.A. Ist Year Subject: Env. Environmental Studies 23 Env Xol A/Col

Months	Topics/Chapters to be Covered
FEB 2025	JAN EXAM GOING ON <u>Unit - I</u> Introduction to Environmental Studies, understanding nature of environmental studies, scope and importance Concept of Sustainability and Sustainable development <u>Ecosystem:-</u> Introduction, types, characteristics features, structure and function :- forest, grass, desert, aquatic ponds, streams, lakes, river, ocean, estuaries.
MARCH 2025	<u>Unit - II</u> Renewable and non-renewable resources, Natural resources, associated problems, Natural resources, forest deforestation, Timber extraction, mining lands and their effect on forest and tribal people. water resources: Use and over utilization of surface and ground water flood, drought, mineral resources, world food problem, energy resources, land resources, land as a resource, Equitable use of resources for sustainable lifestyle.
APRIL 2025	<u>Unit - III</u> Biodiversity and its Conservation: understanding definition, genetic, species and ecosystem diversity. Bio-geographical classification of India. value of Bio diversity: Consumptive use, productive use, social, ethical, aesthetic and option values Biodiversity at global. Hot spots of Bio diversity Habitat loss, patchy of wildlife man wildlife conflicts on situ. and ex situ.
MAY 2025	<u>Unit 4</u> Environmental pollution: defining cause, effect and Control measures of Air pollution, water pollution, Soil pollution, marine pollution, Noise pollution, Thermal and nuclear hazards. Soil waste. Role of an individual in prevention of pollution Disaster management, flood, earthquake, cyclone, landslides, water conservation and its strategies climate change, green house gases, acid rain, global warming

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