

GOVERNMENT COLLEGE BIROHAR (JHAJJAR)

Summary of Lesson Plans of College Faculty for Academic Session 2024-25

GOVERNMENT COLLEGE BIROHAR (JHAJJAR)

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

Name of Assistant/Associate Professor: PADMEP KUMAR

Class: B.A. I st

Subject: Physical Geography

Semester: I st

| Months | Topics/Chapters to be Covered |
|-------------------|---|
| July 2024 | Nature and Scope of Physical Geography Interior of the earth. <u>Practical</u> Nature, subject matter and historical development of Geography. technique |
| August 2024 | Characteristics and classification of Rocks : Igneous, sedimentary and metamorphic Earth movements. <u>Practical</u> :- visual hierarchy and legibility of map- classification of map. elements of map, direction. Index. |
| September 2024 | Continental drift theory, Plate - tectonic theory. Landforms : First, Second, Third. order. Volcanoes and Earthquakes. <u>Practical</u> Conventional signs and symbols. Map Scales : Statement scale. R.F. and graphical scale. |

October
2024

Exogenetic forces : weathering and erosion . The
work of River and wind .

Practical

Representation of Relief . Contour
lines form lines . Spot heights

November
2024

Cycle of erosion : William moris Davis Theory .

Practical

Bench mark and trigonometrical

Stations .

Paldeep Kumar

Signature of Asst/Asso. Professor

GOVERNMENT COLLEGE BIROHAR (JHAJJAR)

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

Name of Assistant/Associate Professor: PARDEEP KUMAR

Class: B.A.T.I.T

Subject: Geography Skill Nep.

Semester: Ist

| Months | Topics/Chapters to be Covered |
|-----------------------|--|
| July 2024 | Geometric elements of aerial photography: |
| | Stereoscopy: Stereoscopic instruments, making |
| | stereograms: Fundamentals of aerial photo |
| | interpretation. elements of visual air photo |
| | interpretation. |
| August 2024 | Basic principles, types, steps and |
| | elements of image interpretation. |
| | |
| | |
| | |
| Septemb er 2024 | Technique of visual interpretation and |
| | interpretation keys: multicolor, multispectral |
| | and multidisciplinary concepts. |
| | |
| | |

**October
2024**

Introduction to GIS

Definition and Concept

**November
2024**

Hardware and Software requirements for GIS

Creating basic layer in GIS (Point and

Polygon) with Software.

Paddeep Kumar
Signature of Asst/Asso. Professor

GOVERNMENT COLLEGE BIROHAR (JHAJJAR)

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

Name of Assistant/Associate Professor: PARDEEP KUMAR

Class: B.A Ist

Subject: General Geography MDC

Semester: Ist

| Months | Topics/Chapters to be Covered |
|-------------------|---|
| July 2024 | Geography : meaning , definition , Branches and sub branches , Relation of Geography with other disciplines : Solar system . |
| August 2024 | Unit 1st Core gepheric concept : origin of earth , its shape , rotation and revolution . formation of day , night and seasons : latitudes and longitudes : earth's crusts . |
| September 2024 | Unit 3rd earth - quakes , volcano : Types of Rocks : Igneous, Sedimentary and Metamorphic , |

October
2024

weathering

definitions and classification.

November
2024

Unit 4th

Composition of Atmosphere: gases,

water vapor, dust particle. Structure of
Atmosphere:

Temperature, Precipitation.

meaning and types.

Paldeep Kanner
Signature of Asst/Asso. Professor

GOVERNMENT COLLEGE BIROHAR (JHAJJAR)

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

Name of Assistant/Associate Professor: PARDGGP KUMAR

Class: B.A.CET Subject: Geography ENV - College Code - 23ENVK01MCD

Semester: Ist

| Months | Topics/Chapters to be Covered |
|-------------------|--|
| July 2024 | <p>Introduction to Environmental Studies, multidisciplinary nature of environmental studies, scope and importance Concept of Sustainability development.</p> <p>Ecosystem - introduction, types characteristics, feature types functions. Forest ecosystem, grassland, desert Aquatic ecosystem.</p> |
| August 2024 | <p>Renewable and Non renewable resources - Natural resources associated problem, forest, deforestation. Timber extraction, mining dams and their effect on forest and tribal people. water resources, mineral resources, world food problem, changes used by agriculture and overgrazing. Land Resources - Role of an individual in conservation of Natural Resources.</p> |
| September 2024 | <p>Unit 3rd Bio-diversity and its conservation. Introduction - Definition, genetic, species and ecosystem diversity, Biogeographical classification of India, value of Bio-diversity. Hot spots of Bio-diversity. Threats of Biodiversity.</p> |

October 2024

man wildlife conflicts, Endangered and endemic species of India. Conservation of Biodiversity: In situ and ex situ. Conservation of Biodiversity.

November 2024

Unit 4

Environmental pollution - Definition, Cause effect and control measures - Air pollution water pollution - Air pollution & Marine pollution - Noise pollution & Thermal pollution & Nuclear hazards to Soil water. Role of an individual in prevent of pollution. - Disaster management floods, earthquake, cyclone and landslides. Global change, Green House Effect, acid rain and global warming

Paideep Kumar
Signature of Asst/Asso. Professor