

Lesson Plan

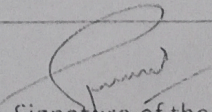
Name of the Assistant/ Associate Professor: Mr. Pardeep

Class and Section: BA Geo. Hons-III

Subject: Agriculture Geography

Semester: 5th

Month	Topic
SEP	Nature and scope of Agricultural Geography; Approaches to agricultural geography; physical, cultural and institutional factors affecting agriculture.
OCT	World farming systems: subsistence, commercial, plantation, dairying and mixed farming: crop concentration and crop diversification; delineation of crop combination regions (Weaver's method).
NOV	Agriculture in India: land-use and cropping pattern; development of irrigation and agriculture; agricultural efficiency and agricultural productivity.
DEC	Agricultural planning and policies in India; Agro-climatic regions of India, Green revolution in India; Second generation reforms in Indian agriculture: Land and institutional reforms, Sustainable Agriculture.


Signature of the Teacher

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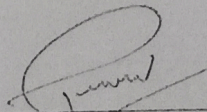
Name of the Assistant/ Associate Professor: Mr. Pardeep

Class and Section: M.Sc Geo.-II

Subject: Population Geography

Semester: 3rd

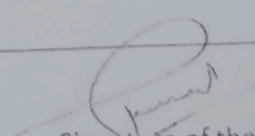
Month	Topic
SEP	1. Nature and scope of population geography. 2. Sources of population data, quality and reliability of data, problems of mapping population data.
OCT	3. Concepts, determinants and world patterns of the following attributes of population: (i) Distribution and density (ii) Vital rates: birth and death rates (iii) Migration (including laws of migration) (iv) Growth (v) Age and Sex Composition (vi) Occupation (vii) Literacy 4. Quality of human resource: human development index and its components.
NOV	5. Limits to growth: Concepts of over population, under population and optimum population 6. Demographic Transition Model 7. Population Resource Regions 8. Theories of population: Malthus, Ricardo and Marx
DEC	9. Population problems and Population policy of India 10. Comparative study of population problems and policies of developed and less developed countries. Case study of U.S.A., Japan, China and Brazil


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Lesson Plan

Name of the Assistant/ Associate Professor... PARDEEP BOORA.....
Class and Section... M. SC. FIRST SEMESTER GEOGRAPHY (PRACTICAL)
Subject... GEOGRAPHY, NAME OF THE PAPER: INTERPRETATION OF TOPOGRAPHICAL SHEETS AND COMPUTER AIDED STATISTICAL DIAGRAMS & GRAPHS

Month	Topic
SEP OCT	Introduction to Maps: Definition and Types of Maps, Map Scale, Conventional map symbols, Importance and uses of maps
OCT Nov	Interpretation of Topographical maps: Topographical maps and their types, Basic information on Topographical sheets, Conventional Signs, Identification of Physical and Cultural details on survey of India Toposheets.
Nov	Introduction to Computer; Components of Computer - Hardware and Software, Use of Computers in Geography Introduction to Microsoft Excel: Input of data, Bar Diagram, Pie Diagram, Scatter Diagram, Line Graph
DEC	Placement of heading and Sub-heading, legend, font size, Style, Bold, Italics, changes from colour to different shade pattern. Different weight, colour and pattern to X and Y coordinates Page layout. Ascending and Descending order.


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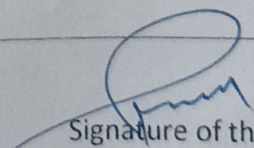
Lesson Plan

Name of the Assistant/ Associate Professor..... Pandey

Class and Section:..... M.Sc. IInd 4th sem. Session..... 2023-24

Subject:..... Fundamentals of Remote Sensing & GIS

Month	Topic
Jan 2024	1) Remote Sensing, definition & scope, EMR & Spectrum 2) Interaction of EMR with atmosphere & earth surface features. Atmospheric window. Remote sensing platform & sensors.
Feb 2024	3) Aerial Photographs: History, definition & advantage & limitation. Type of aerial photographs & resolution. 4) Mirror stereoscope, parallax, relief displacement. Elements of aerial photo interpretation; Acquisition of aerial photographs in India.
Mar. 2024	5) Concept of multispectral, Thermal & Hyper spectral remote sensing. Characteristics of India remote sensing satellite and data. 6) Digital Image processing & application: image restoration & correction. Image classification: supervised & unsupervised. Applications in resource mapping & monitoring.
April 2024	7) GIS: Definition & scope; Components & Elements of GIS, Geographic Data; its sources & spatial Data structure (Raster & Vector) 8) Fundamentals of Global Positioning System. (GPS) and applications.


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Lesson Plan

Name of the Assistant/ Associate Professor..... Pandey

Class and Section:..... B.A. Jt. Ind Sem..... Session..... 2023-24

Subject:..... Geography of Haryana

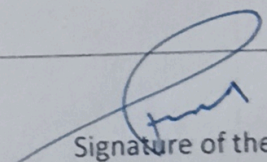
Month	Topic
Jan 2024	1. Location, Evolution of the state, Administrative Divisions, Physical and Physiographic Regions. 2. Relief, Climate, Drainage & Irrigation. 3. Soil, Soil degradation & Conservation.
Feb 2024	4. Types of Vegetation, Mineral and Power Resources. 5. Impact of Green Revolution, Problems of Agriculture in Haryana. 6. Distribution of major crops, Wheat, Rice, Sugarcane, Cotton. 7. Major Industries in Haryana.
March 2024	8. Density, Distribution & Growth of population (Birth Rate, Death Rate & Migration, Sex Ratio and Literacy). 9. Trends of Urbanization in Haryana, (1966-2001), Distribution of urban population. 10. Transport network in Haryana, Roadways and Railways.
April 2024	Map Work Haryana: Physical, Political, Rainfall, Soil, Modes of irrigation, major crops. Density of Population, Sex Composition, Literacy, Surface transport in Haryana Roadways, Railways, Industries.


Signature of the Teacher

Lesson Plan

Name of the Assistant/ Associate Professor..... *Pardus*.....
Class and Section:..... *M.Sc. Ind*..... *4th sem*..... Session..... *2023-24*.....
Subject:..... *Practical*.....

Month	Topic
<i>Jan 2024</i>	<i>1.) Stereo vision Test, Orientation of Stereo model under mirror Stereoscope; 2.) Determination of Scale on an aerial photograph.</i>
<i>Feb 2024</i>	<i>3.) Interpretation of Aerial photographs: Identification, mapping and interrelation of natural and cultural features.</i>
<i>Mar 2024</i>	<i>4.) Georeferencing of Toposheet / Satellite Imagery. 5.) Digital Image Processing.</i>
<i>April 2024</i>	<i>6.) Mapping Land use / land cover with any software.</i>


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