

S.M.S.L. GOVT. COLLEGE, JULANA (JIND)
LESSON PLAN

NAME OF TEACHER – Dr. S.K. Chamar

Subject- Geography

CLASS –BA Ist Year/2nd Semester (MCC Geo-Theory & Practical)

Session-2024-25 ((Even Semester)

Weeks With Months	Contents (Fundamental of Physical Geography)	Practical
January 7-11	Interior of Earth	Identification and Basic Characterstics of Rocks-Granite, Basalt, Limestone and Shale Rocks
January 13-18	Geological Time Scale	
January 20-25	Rocks and Its Types-	
January 27-February 01	Theory of Isostasy	Identification and Basic Characterstics of Rocks-Slate, Phyllite, schist, Quartzite
February 03-08	Continental Drift Theory-Introduction	
February 10-15	Continental Drift Theory-Evidences	
February 17-22	Pate-Tectonics	Extraction of Physiographic Information from Survey of India 1:50000 Toppgraphic Maps of Mountain Plateau and Plain Regions
February 24-March 01	Weathering and Its Types	
March 03-08	Mass Wasting and Its Types	
March 10-12	Mass Wasting and Its Resultant Land forms	Preparation of Climograph and Hythergraph
March 17-22	Landform Generated- River & Wind	
March 24-29	Landform Generated- Under Ground Water & Glacier	
March 31-April 05	Weather & Climate	Preparation of Hyetograph
April 07-12	Atmosphere-Composition & Structure	
April 14-19	Temperature and Pressure & Moisture	
April 21-26	Surface Configuration of Ocean Floor- Pacific Atlantic and Indian Ocean	Interpretation of a daily weather map of India- Pre Monsoon and Post Monsoon
April 28-May 03	Currents of Pacific Ocean	
May 05-10	Currents of Atlantic Ocean and Indian Ocean	Revision
May 12-14	Revision	Revision


Assistant Professor

Principal

S.M.S.L. GOVT. COLLEGE, JULANA (JIND)

LESSON PLAN

NAME OF TEACHER – Dr. S.K. Chamar

Subject- Geography

CLASS –B.A. Ist Year 2nd Semester (SEC-Computer Aided Cartography-Theory/ Practical)

Session-2024-25 (Even Semester)

Weeks With Months	Contents (Computer Aided Cartography)	Practical
January 7-11	Cartography-Nature	Introduction of MS Excel
January 13-18	Cartography-Scope	
January 20-25	Recent Advancement in Cartography	
January 27-February 01	Types and Characteristics of Statistical Diagrams- One Dimension Diagram	One Dimension Diagram in MS Excel
February 03-08	Types and Characteristics of Statistical Diagrams- Two Dimension Diagram	Two Dimension Diagram in MS Excel
February 10-15	Types and Characteristics of Statistical Diagrams- One Dimension Diagram	
February 17-22	Types and Characteristics of Maps- Chorochromatic Maps	Scatter Plot in MS Excel
February 24-March 01	Types and Characteristics of Maps- Choroschmatic Maps	
March 03-08	Types and Characteristics of Maps- Choropleth Maps	
March 10-12	Types and Characteristics of Maps-Dots Maps	Making Shape File in Q-GIS
March 17-22	Types and Characteristics of Maps- Isopleth Maps	
March 24-29	Introduction to Q-GIS	
March 31-April 05	Characterstics and Advantages of Raster Data	
April 07-12	Characterstics and Advantages of Vecter Data	Digitization of Making Shape File in Q-GIS
April 14-19	Characterstics and Uses of Points	
April 21-26	Characterstics and Uses of Line	
April 28-May 03	Characterstics and Uses of Polygons	Composition of Maps in Q-GIS
May 05-10	Elements of Maps	Revision
May 12-14	Revision	Revision


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LESSON PLAN

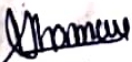
NAME OF TEACHER – Dr. S.K. Chamar

Subject- Geography

CLASS –B.A. Ist & 2nd Semester (VAC-Human Values & Ethics-Theory)

Session-2024-25 (Even Semester)

Weeks With Months	Contents (Human Values & Ethics)
January 7-11	Human Value-Need, Content and Process
January 13-18	Classification of Human Values
January 20-25	Moral Values and Spiritual Values
January 27-February 01	Understanding Harmony with Self and Society
February 03-08	Practical-Debate and Discussion on Value of Education
February 10-15	Relation of Values and Ethics
February 17-22	Relevance of Human Values
February 24-March 01	Integrated Personality and Well Being
March 03-08	Understanding Integrated Personality-Gunas Theory of Sankhya
March 10-12	Antah and Karans in Yoga and Panchkosha
March 17-22	Self-Identity and Personality
March 24-29	Well Being and Its Relation to Happiness
March 31-April 05	Professional Ethics and Global Citizenship
April 07-12	Professional Ethics and Global Citizenship- Nature & Scope
April 14-19	Professional Ethics and Global Citizenship-Values and Trusteeship
April 21-26	Professional Ethics and Global Citizenship-Equality & Justice
April 28-May 03	Professional Ethics and Global Citizenship-Competencies
May 05-10	Professional Ethics and Global Citizenship-Competencies & Analytical Thinking
May 12-14	Revision


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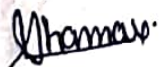
Subject- Geography

NAME OF TEACHER – Dr. S.K. Chamar

CLASS –B.A. IInd & 4th mSemester (VAC-Understanding of Climate/Theory)

Session-2024-25 (Even Semester)

Weeks With Months	Contents (Understanding of Climate)
January 7-11	Understanding of Climate
January 13-18	Climate Elements
January 20-25	Climate Elements with Maps
January 27-February 01	Basic of Climate Classification
February 03-08	Climate Classification-Trewartha
February 10-15	Climate Classification-Koppen
February 17-22	Types of Climate-India
February 24-March 01	Types of Climate-World
March 03-08	Concept of Climate Change
March 10-12	Basic Reason of Climate Change
March 17-22	Impact of Climate Change
March 24-29	Tools of Reconstruction of Past Climate
March 31-April 05	Evidences of Climate Change-Introduction
April 07-12	Evidences of Climate Change-India
April 14-19	Evidences of Climate Change-World
April 21-26	Effects of Climate Change-Introduction
April 28-May 03	Effects of Climate Change-India
May 05-10.	Effects of Climate Change-World
May 12-14	Revision


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S.M.S.L. GOVT. COLLEGE, JULANA (JIND)
LESSON PLAN

NAME OF TEACHER – Mr Dilbag Singh
CLASS –BA/B.Sc Ist and IInd Year (Theory)

Subject- Geography
Session-2024-25 (Even Sem)

Weeks With Months	Contents (Human Geography of India)	Fundamental of Remote Sensing Aerial Photograph
January 7-11	Population of India	Aerial Photography-History
January 13-18	Populatiopn Growth and its measure	Advantanges and Limitation of aerial photography
January 20-25	Population of India-distribution of Density	Types of Aerial Photograph.
January 27-February 01	Population composition-Sex Ratio	Types of Aerial Photograph.
February 03-08	Population composition-Literacy rate	Geometry of Aerial Photograph
February 10-15	Population composition-Work force	Geometry of Aerial Photograph
February 17-22	Ethnic composition of india- Language	Interpretation of Aerial Photograph
February 24-March 01	Ethnic composition of india- Religion	Interpretation of Aerial Photograph
March 03-08	Enegry Resource of India	Use of UAE (Drone) in Agriculture and settlement Analysis
March 10-12	Production and Distribution of Coal	Use of UAE (Drone) in Agriculture and settlement Analysis
March 17-22	Production and Distribution of Petroleum	Use of UAE (Drone) in Agriculture and settlement Analysis
March 24-29	Production and Distribution of Hydropower	Stage of Remote Sensing
March 31-April 05	Production and Distribution of Solar Power	Stage of Remote Sensing
April 07-12	Industrial Resources of India-Iron-ore	Stage of Remote Sensing
April 14-19	Industrial Resources of India-Cotton and Sugercane	Electromagnetic Radiation and Specturm
April 21-26	Industrial Development of India-iron and Steel	Electromagnetic Radiation and Specturm
April 28-May 03	Industrial Development of India-Sugar and Textile	Electromagnetic Radiation and Specturm
May 05-10	Transportation in India-Road, Railways and Waterways	Revision
May 12-14	Revision	Revision


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S.M.S.L. GOVT. COLLEGE, JULANA (JIND)
LESSON PLAN

NAME OF TEACHER – Mr Dilbag Singh
CLASS –B.Com 1st (2nd sem)

Subject- Geography
Session-2024-25 (Even Sem)

Weeks With Months	Contents (Theory)	Practical
January 7-11	Nature and scope of Environment geography.	Make inventory of natural vegetation of neighborhood Environment. (two Exercise)
January 13-18	Nature and scope of Environment geography.	Do
January 20-25	Determinents of Environments.	Do
January 27-February 01	Concept of Ecology	Do
February 03-08	Concept of Ecosystem	Make inventory of wild animals of neighborhood Environment. (two Exercise)
February 10-15	Trophic Sturcture	Do
February 17-22	Trophic Sturcture	Do
February 24-March 01	Energy Flow	Do
March 03-08	Energy Flow	Classification and mapping of area under forest in Haryana(one Excercise)
March 10-12	Defination and Cause of Environment	Do
March 17-22	Imapct of air pollution	exercise)
March 24-29	Imapct of Water pollution	Do
March 31-April 05	Imapct of land pollution	Mapping National park and Sanctuaries of India (two Exercise)
April 07-12	Mitigation effort of Environment degradation	Do
April 14-19	Stockholm confrence	Do
April 21-26	kyoto protocol	Do
April 28-May 03	Earth submit	Do
May 05-10	Revision	Revision
May 12-14	Revision	Revision

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S.M.S.L. GOVT. COLLEGE, JULANA (JIND)
LESSON PLAN

NAME OF TEACHER – Mr Dilbag Singh

CLASS –BA/B.Sc IInd (Practical)

Subject- Geography

Session-2024-25 (Even Sem)

Weeks With Months	Practical (BA IVth Sem)
January 7-11	Introductin
January 13-18	Identification and mapping of principal and conjugate principal point
January 20-25	Identification and mapping of principal and conjugate principal point
January 27-February 01	Identification and mapping of principal and conjugate principal point
February 03-08	Determination of flight line
February 10-15	Determination of flight line
February 17-22	Determination of flight line
February 24-March 01	
March 03-08	Identification and mapping of Landuse of aerial photograph
March 10-12	Identification and mapping of Landuse of aerial photograph
March 17-22	Identification and mapping of Landuse of aerial photograph
March 24-29	Interpretation and mapping of landuse from the satellite image.
March 31-April 05	Interpretation and mapping of landuse from the satellite image.
April 07-12	Interpretation and mapping of landuse from the satellite image.
April 14-19	Interpretation and mapping of landuse from the satellite image.
April 21-26	Revision
April 28-May-03	Revision
May 05-10	Revision
May 12-14	Revision


Assistant Professor

Principal

LESSON PLAN (S.M.S.L. GOVT. COLLEGE, JULANA)

NAME OF TEACHER - Sh. Deepak

SUBJECT - Geography Major

CLASS - Graduation 2nd year SEM: 2nd

SESSION:- 2024-2025

Weeks With Months	Contents
JAN 13-18	Nature & Scope of Economic Geography and its Relationship with Economics
JAN 19- 24	Classification of Economic Activities and their impact on Environment
JAN 27- 1 FEB	_____ do _____
FEB 03-08	_____ do _____
FEB 10-15	World Distribution of Food Crops (Rice & Wheat)
FEB 17-22	" " " Commercial Crops (Cotton & Sugarcane) Plantation (Tea & Coffee)
FEB 24- 01 MARCH	World Distribution and Production of Coal, Petroleum & Natural Gas
MARCH 03-08	" " " " Iron Ore & Bauxite
MARCH 10-13	World Distribution & Production of Iron & Steel Industry.
MARCH 17-22	Textile & Sugar Industry.
MARCH 24- 29	Automobile Industry
MARCH 31-05 APRIL	International Trade & Transport
APRIL 7-12	Major Oceanic Trade Routes
APRIL 14-19	Natural Resources: Types, Bases of Classification
APRIL 21-26	Utilization and Conservation of Natural Resources.
APRIL 28-03 MAY	— Revision —
MAY 05-10	— Revision —
MAY 12 -14	— Revision —

Deepak
Teacher's sign.

Principal

Department of Geography

Lesson Plan (Session -2022-23)

Subject:- Introduction to Remote Sensing, GIS & Quantitative Methods

Class-B.A.3rd (6th Semester) Even Semester

(Theory)

<u>Sr. No.</u>	<u>Months</u>	<u>Syllabus Contents</u>
1	January 2025	<ul style="list-style-type: none">• Introduction to Aerial Photographs: their advantages and types.• Elements of aerial Photo interpretation.
2	Feb., 2025	<ul style="list-style-type: none">• Interpretation of Aerial Photographs• Introduction to Remote Sensing; 1st Assignment
3	March, 2024	<ul style="list-style-type: none">• Electromagnetic spectrum, stages in remote sensing, type of satellites• Introduction to Remote Sensing; Electromagnetic spectrum, stages in remote sensing, type of satellites.• Types of Imageries and their application in various fields such as agriculture, environment and resource mapping.
4	April, 2025	<ul style="list-style-type: none">• Introduction to Geographical Information System: Definition, purpose, advantages and software and hardware requirements.• Application of GIS in various fields of geography. 2nd Assignment <ul style="list-style-type: none">• Measure of Central Tendency: Mean, Median and Mode.
5	May, 2025	<ul style="list-style-type: none">• Measure of Dispersion: Range, Quartile deviation and Mean deviation, Standard deviation, Coefficient of variation Assessment Test Revision of Syllabus


Vijender Kumar

Assistant Professor

Govt.College Julana (Jind)