

Lesson Plan for Session 2021-22(Odd Semester)	
Department of Geography	
Subject: Goegraphy	Class: M.A First Year, Teacher Name: Satish Kumar
Paper: Climatology	Paper Code: 17GEO21C2
Date	Topic
12-11-2021 to 20-11-2021	Nature and Scope of Climatology
22-11-2021 to 27-11-2021	Climatic Elements: Atmospheric Temperature & Pressure
29-11-2021 to 04-12-2021	Assignment 1: Climatic Elements: Moisture and Atmosheric Circulation
06-12-2021 to 11-12-2021	Climatic Elements: Moisture and Atmosheric Circulation
13-12-2021 to 18-12-2021	Unit Test-1: Weather System and Disturbances: Air Mass and Fronts
13-12-2021 to 18-12-2021	Weather System and Disturbances: Cyclones and Tornadoes
20-12-2021 to 24-12-2021	Assignment 2: Oceanic Atmospheric Interaction- El Nino and Monsoon Winds
27-12-2021 to 01-01-2022	Approaches to Climatic Classification: Koppen
03-01-2022 to 08-01-2022	Unit Test-2: Climatic Classification: Thornthwiate, Major Climates of World
10-01-2022 to 15-01-2022	Climatic Changes: Evidences and Possible Causes
17-01-2022 to 22-01-2022	Assignment 3: Global Warming and Problems of Acid Rain
24-01-2022 to 29-01-2022	Unit Test-3: Revision

Lesson Plan for Session 2021-22(Odd Semester)	
Department of Geography	
Subject: Goegraphy	Class: M.A Final Year, Teacher Name: Satish Kumar
Paper: Oceanography	Paper Code: 17GEO23D5
Date	Topic
04-10-2021 to 09-10-2021	Defination and Scope of Oceanography, Major Sea Voyages
11-10-2021 to 16-10-2021	Relationship of Oceanography with other Sciences
18-10-2021 to 23-10-2021	Distribution of Land & Sea, Assingment-1, Distribution of Land & Sea
25-10-2021 to 30-10-2021	Origin of Ocean Basins, Wegner's Drift Theory
08-11-2021 to 12-11-2021	Origin of Ocean Basins, Sea Floor Spreading Theory & Plate Tectonic Theory
15-11-2021 to 20-11-2021	Unit Test-1, Ocean Floor Profile, Ocean Floor Profile
22-11-2021 to 27-11-2021	Origion and Distribution of Coral Reefs
29-11-2021 to 04-12-2021	Origion and Distribution of Coral Reefs
06-12-2021 to 11-12-2021	Configuration of Ocean Floors: Indian Ocean
13-12-2021 to 18-12-2021	Configuration of Ocean Floors: Atlantic Ocean
20-12-2021 to 24-12-2021	Unit Test-2, Temperature of Ocean, Salinity in Ocean
27-12-2021 to 01-01-2022	Density of Ocean, Dynamic of Ocean Currents
03-01-2022 to 08-01-2022	Currents of Atlantic Ocean & Pacific Ocean
10-01-2022 to 15-01-2022	Revision of Unit-1 & 2
17-01-2022 to 22-01-2022	Assingment-2, Currents of Indian Ocean & Origin of Tides
24-01-2022 to 29-01-2022	Origin of Tides and Tsunami
01-02-2022 to 05-02-2022	Unit Test- 3, Ocean Currents and their impact on Climate
01-02-2022 to 05-02-2022	Ocean Currents and their impact on Economy
07-02-2020 to 12-02-2022	Ocean as Source of Food, Mineral & Energy Resources
07-02-2020 to 12-02-2022	Sea Level Changes and its Evidences
14-02-2022 to 17-02-2022	Sea Level Changes, Mechanism & Its Impact, Assingment-3, Maritime laws

Lesson Plan ^{Semester -} 2021-22
of Statistical Methods in Geography

M.A. Ist Sem.

16GE021C4

Deepak Malik

12 Nov - 20 Nov 2021

Statistics, Significance of
Statistics in Geographical Studies

22 Nov - 27 Nov 2021

Primary & Secondary Data

29 Nov - 4 Dec 2021

Levels of Data Measurement,
Mean.

6 Dec, - 11 Dec, 2021

Median & Mode & their geographical
Significance.

13 Dec - 18 Dec, 2021

Centrographic Techniques &
Revision of Ist Unit

20 Dec, - 24 Dec, 2021

Mean Deviation & Standard
Deviation

27 Dec, - 1 Jan, 2022

Coefficient of Variation &
Revision of Mean & Median

3 Jan - 8 Jan, 2022

Lorenz Curve &

10 Jan, - 15 Jan, 2022

Gini's Coefficient

Seminars.

17 Jan - 22 Jan, 2022

Location Quotient

24 Jan - 29 Jan, 2022

Scatter Diagram, Rank.
Correlation & K.O Pearson

1 Feb - 5 Feb, 2022. - Revision of Unit III
7 Feb - 12 Feb, 2022. - Regression Analysis

14 Feb - 19 Feb, 2022 - Revision of Correlation Method
Computation of residuals & mapping.

21 Feb - 28 Feb, 22. - Revision of Syllabus

Dr. Arun Dr. Arun

LESSON PLAN of M.A. Previous.
Paper - (Topographical sheets and
Analysis)

Hemlata

12 Nov - 20 Nov 2021 - Scales Introduction

22 Nov - 27 Nov 2021 - Plain scale & Comparative scale

29 Nov - 4 Dec 2021 - Pure scale

6 Dec - 11 Dec 2021 - Time scale

13 Dec - 18 Dec 2021 - Revaluation scale

20 Dec - 25 Dec 2021 - Diagonal scale

27 Dec - 1 Jan 2022 - Conventional signs - Physical

3 Jan - 8 Jan 2022 - Topographical maps Intro & Numbering

10 Jan - 15 Jan 2022 - Degree sheet

17 Jan - 22 Jan 2022 - Half degree sheet

24 Jan - 29 Jan 2022 - Quarter degree sheet and New
series sheet

1 Feb - 5 Feb 2022 - Identification of Physical features.

7 Feb - 12 Feb 2022 - Identification of cultural features.

14 Feb - 19 Feb 2022 - Practice work

H.H.

Sushila

Assist. Professor
of Geography

Computer Aided Statistical Diagrams
and Graphs

19th Nov. — 20 November 2021

Introduction to Computer: Components of Computer
Hardware and Software

22 Nov. — 27 Nov. 2021

Use of Computers in Geography

29 Nov. — 4 December

Introduction to Microsoft Excel: Input of data, Bar
diagrams, Pie diagrams, Scatter Diagram

6th Dec. — 11 December 2021

Line Graph, Placement of heading and
sub-heading, legend, Font Size, style

13 January — 22 January

Bold, Italics, change from colour
to different shade patterns

24 January to 19th Feb 2022

Different Weight, colour, patterns to
X and Y coordinates, Page layout,
Ascending and Descending order

Sushila
Assist. Professor of Geography

Geography of India (Theory) 1. Hemlata

4 Oct - 9 Oct → The Locational Setting 2. Sushila
3. M. Kuldeep.

11 Oct - 16 Oct → Relief

18 Oct - 23 Oct → Drainage

25 Oct - 30 Oct → climate (Assignment-1)

4 Nov to 7 Nov - Deepawali break

8 Nov - 13 Nov - Soils

15 Nov - 20 Nov - Natural Vegetation

22 Nov - 27 Nov - Natural Hazards and Disasters

29 Nov - 4 Dec - Population

6 Dec - 11 Dec - Migration trends [Assignment-2]

13 Dec - 18 Dec - Settlements & Major crops.

20 Dec - 24 Dec - Land Resources & Transport & Communication.

3 Jan - 8 Jan - Migration & Industries

10 Jan - 15 Jan - Regional variations in cropping pattern

17 Jan - 22 Jan - Green Revolution & Problems of Indian Agriculture.

24 Jan - 29 Jan - Mineral and Power Resources, Transport and Communication

1 Feb - 5 Feb - International Trade

7 Feb - 12 Feb - Revision.

1. Hemlata
2. Sushila

Lesson Plan

B.A Ist Practical groups

4th Oct. to 16th Oct.

Introduction to Cartography

18 to 30 October

Map and their types

8 Nov. to 27 November

Map Scale

29 Nov to 11 December

Method of Expressing Scale
conversion of statement of scale into R.F.

13 Dec to 24 Dec.

Plain Scale
(K.M. and Miles)

27 Dec. to 15 January
Comparative scale, GRAPHIC SCALE, DIAGONAL SCALE
Revolutions Scale

15 Jan. to 19th February

Measurement of Distances and Areas on Maps
Enlargement and Reduction of Maps

Jushils

Assist. Professor of Geography

Sh. Kuldeep Singh

Dr. Pooja Khatri

M.A. 3rd Sem Biogeography (17GEO23D1)

Lesson Plan (2020-22) Mrs. Tyeti

Dr. Binde (w.e.s. 1.1.2022)

- 4 Oct - 9 Oct - The development of Biogeography and its fields.
- 11 Oct - 16 Oct - Functions of Biogeography.
- 18 Oct - 23 Oct - Definition, nature and scope of Biogeography.
- 25 Oct - 30 Oct - Composition of Biogeography.
- 8 Nov - 13 Nov - Biochemical cycle i.e. the hydrological cycle.
- 15 Nov - 20 Nov - The Carbon cycle.
- 22 Nov - 27 Nov - The oxygen cycle and class test.
- 29 Nov - 4 Dec - The Nitrogen cycle and assignment.
- 6 Dec - 11 Dec - The Phosphorus cycle and seminar.
- 13 Dec - 18 Dec - The sediment cycle and revision of other cycles.
- 20 Dec - 24 Dec - Meaning and types of Ecosystem.
- 27 Dec - 1 Jan (2022) - Components and functioning of ecosystem.
- 3 Jan - 8 Jan - Evolution of living organism.
- 10 Jan - 15 Jan - Factors influencing their distribution on the earth.
- 17 Jan - 22 Jan - Meaning and types of Biomes, class test.
- 24 Jan - 29 Jan - Bio-geographical realms, introduction meaning and definition.
- 1 Feb - 5 Feb - Zoogeography realms, assignment.
- 7 Feb - 12 Feb - Zoogeographical realms.
- 14 Feb - 17 Feb - Revision and seminar.

Dr. Binde

B.A. 5th Sem
Economic Geography Practical

Lesson Plan 2021-22

8 Nov - 13 Nov 2021 - Principles of map design and layout

15 Nov - 20 Nov 2021 Symbolization - point, line and area symbol

22 Nov - 27 Nov 2021 Lettering and toponymy

29 Nov - 4 Nov 2021 mechanism of map construction

6 Dec - 11 Dec 2021 Qualitative distribution map - choroschematic maps

13 Dec - 18 Dec 2021 Qualitative distribution map - chorochromatic map

20 Dec - 24 Dec 2021 Quantitative distribution maps

27 Dec - 1 Jan 2022 isopleths maps

3 Jan - 8 Jan 2022 choropleth maps

10 Jan - 15 Jan 2022 Dot maps

17 Jan - 22 Jan 2022 Diagrammatic maps

24 Jan - 29 Jan 2022 Prismatic compass survey

1 Feb - 5 Feb 2022 Prismatic compass survey

7 Feb - 12 Feb 2022 Revision

Mrs. Deepak Malik

Mrs. Jyoti

Mrs. Anji

Mrs. Bindu (w.r.p. 1 Jan 2022)

Mrs. Priyanka

Transport Geography

2020-21

MA - 3rd Sem
Dr. Parveen Khatri

$1\frac{10}{21}$ to $2\frac{10}{21}$ -

Introduction

$4\frac{10}{21}$ to $9\frac{10}{21}$

Nature and Scope of Transport Geography.
Geographic relevance of Transportation

$11\frac{10}{21}$ to $16\frac{10}{21}$

Transport and development
Conceptual Framework
Theoretical Framework

$18\frac{10}{21}$ - $23\frac{10}{21}$

Models of Global relevance

The Vance model, The Kinner model, TMA Model

$25\frac{10}{21}$ - $30\frac{10}{21}$

The modes of Transport, its introduction
Modal Characteristics, Roads, Railways

$8\frac{11}{21}$ - $13\frac{11}{21}$

Pipe lines, Ropeways and cable ways,
waterways and Airways

$15\frac{11}{21}$ - $20\frac{11}{21}$

Structural Analysis of Transport Networks
Networks, Graphs and Types,

$22\frac{11}{21}$ - $27\frac{11}{21}$

Measures of individual elements of
Transport Networks, Mileage Modality
Matrix, ^{weighted} Modality Matrix, Weighted
Matrix, Cross Accessibility Matrix

$29\frac{11}{21}$ - $4\frac{12}{21}$

Measures of Route density,
Measures of Route Sinuosity.

$6\frac{12}{21}$ - $11\frac{12}{21}$

Connectivity of Networks
(Cyclic numbers, Diameter)

$13\frac{12}{21} - 18\frac{12}{21}$ Transport Policy, Development and Planning,

Transport development in India, Railways

Distribution Patterns of Railways in India

$20\frac{12}{21} - 24\frac{12}{21}$

Problems and issues in Railways Development

$27\frac{12}{21} - 1\frac{1}{22}$

Road Transport, Growth and development of

Roads, Importance and Problems of Road

$3\frac{1}{22} - 8\frac{1}{22}$

Transport in India, Road Transport

$10\frac{1}{22} - 15\frac{1}{22}$

and Regional development in India -

$17\frac{1}{22} - 22\frac{1}{22}$

- Revision of 1st unit

$24\frac{1}{22} - 29\frac{1}{22}$

- Revision of 2nd unit

$1\frac{2}{22} - 5\frac{2}{22}$

- Revision of 3rd unit

$7\frac{2}{22} - 12\frac{2}{22}$

- Revision of 4th unit

$14\frac{2}{22} - 19\frac{2}{22}$

- Tests

$21\frac{2}{22} - 25\frac{2}{22}$

- tests

Screen

(ARUN KHATUN)

Screen

Economic Geography

- 04- 9 Oct 2021 - Nature & scope of Economic Geog
- 10 Oct - 16 Oct 2021 - Relationship of economic geography with other branches of social sciences
- 18 Oct - 23 Oct - Classification of Economic activities
- 25 Oct - 30 Oct - Impact of Economic activities on environment
- 8 Nov - 13 Nov - World Natural Resources - Types & basis
- 15 Nov - 20 Nov - Classification of Natural resources
- 22 Nov - 27 Nov - Conservation & Utilization of natural resources
- 29 Nov - 4 Dec - Spatial distribution of rice, wheat crop
- 6 Dec - 11 Dec - Cotton and sugarcane crop
- 13 Dec - 18 Dec - Plantation crops (Tea, rubber and coffee)
- 20 Dec - 24 Dec - Classification of mineral resources - Ferrous & Non-ferrous
- 27 Dec - 1 Jan 2022 - Distribution of coal, Iron ore, Petroleum & Natural gas
- 3 Jan - 8 Jan 2022 - Classification of industries - Iron & steel industry, textile industry
- 10 Jan - 15 Jan 2022 - Major Industrial complexes of world
- 17 Jan - 22 Jan 2022 - Transport, Communication & Trade, geographical factors in their development
- 24 Jan - 29 Jan 2022 - Major modes of water, land, air transport
- 1 Feb - 5 Feb 2022 - Recent trends in International trade
- 7 Feb - 12 Feb 2022 - Revision

Mrs. Jyoti, Mrs. Anju, Mrs. Priyanka, Mrs. Amita

Mrs. Bindu w.e.f. 1 Jan 2022

Ami
P.D.

Dr. Anju Bala

- 2 Nov - 20 Nov 2021 - Nature & scope of Geography of Resource
- 2 Nov - 27 Nov - Significance of Geography of Resource
- 29 Nov - 4 Dec - Definition & concept of Resources
- 6 Dec - 11 Dec - Classification of Resources
- 13 Dec - 18 Dec - models of Natural Resource Process - Zimmerman's Primitive and Advanced model
- 20 Dec - 24 Dec - Kirk's Deviation model and Brookfield system model
- 27 Dec 2021 - 1 Jan 2022 : Use and misuse of soil and water Resources
- 3 Jan - 8 Jan 2022 Revision of Soil & water Resources
- 10 Jan - 15 Jan - Use and misuse of mineral Resources
- 17 Jan - 22 Jan - Future prospects of Natural Resources
- 24 Jan - 29 Jan - Conservation and management of Natural Resources
- 1 Feb - 5 Feb - Resource conservation and management of Soil Resources
- 7 Feb - 12 Feb - Conservation and management of Water & Forest resources
- 14 Feb - 19 Feb - Problems of Natural Resource management in India
- 21 Feb - 28 Feb - Revision

Am