

TIKA RAM GIRLS COLLEGE SONIPAT

Lesson Plan Format

Name of Assistant/Associate Professor

Dr. Suwali

Class and Section

M.A. Pre. Geography

Subject

Climatology

Week 1	Description
15-07-25	
16-07-25	
17-07-25	
18-07-25	
19-07-25	
Week 2	
21-07-25	
22-07-25	
23-07-25	
24-07-25	
25-07-25	
26-07-25	
Week 3	
28-07-25	
29-07-25	
30-07-25	
01-08-25	
02-08-25	
Week 4	
04-08-25	
05-08-25	
06-08-25	
07-08-25	
08-08-25	
Week 5	
11-08-25	
12-08-25	
13-08-25	

14-08-25	Global climate system
	Global climate system
Week 6	Global climate system
18-08-25	
19-08-25	
20-08-25	Introduction of climatology
21-08-25	Definition And nature of climatology
22-08-25	scope of climatology
23-08-25	Branches of climate And climatology
	Revision.
Week 7	
25-08-25	Test
26-08-25	Climatic elements introduction
27-08-25	Atmosphere introduction
28-08-25	Atmospheric temperature
29-08-25	Pressure introduction
30-08-25	Revision
Week 8	
01-09-25	Atmospheric Pressure
02-09-25	test
03-09-25	Moisture And humidity introduction
04-09-25	Revision-Atmospheric temp, Pressure,
06-09-25	presentation Humidity
Week 9	
08-09-25	Jet stream introduction
09-09-25	General atmospheric jet stream
10-09-25	UNIT-I Revision
11-09-25	test of UNIT-I
12-09-25	Weather And weather system introduction
13-09-25	" " " "
Week 10	
15-09-25	Weather And system And disturbances
16-09-25	Air Mass introduction
17-09-25	Types of Air Masses.
18-09-25	Revision.
19-09-25	test of UNIT-II
20-09-25	" " " "

Week 11	
24-09-25	fronts Introduction types of fronts
25-09-25	Revision
26-09-25	Dist of Air Mass and fronts
27-09-25	cyclones Introduction
Week 12	
29-09-25	Temperate cyclones, tropical cyclones
30-09-25	Revision of cyclones
01-10-25	Tornadoes Introduction
03-10-25	Distribution of tornadoes
04-10-25	Ocean atmospheric interaction - Intro
Week 13	
06-10-25	Monsoon Introduction
08-10-25	Indian Monsoon phenomenon.
09-10-25	Global system Introduction
10-10-25	Approaches to climate classification.
11-10-25	Factors and elements of climate
Week 14	
13-10-25	classification of Koppen Introduction
Week 15	
23-10-25	Introduction of Thornthwaite.
24-10-25	Difference in Thornthwaite & Koppen
25-10-25	Thornthwaite classification
Week 16	
27-10-25	Major climate of the world
28-10-25	tropical climate
29-10-25	polar climate
30-10-25	Difference between tropical & Polar
31-10-25	climate change Introduction
01-11-25	factors Affecting climate
Week 17	
03-11-25	Evidences of climate change
04-11-25	Possible causes of climate change

06-11-25	Global Warming Introduction
07-11-25	Global Warming factors.
08-11-25	Acid rain Introduction
Week 18	
10-11-25	Factor Affecting Acid Rain
11-11-25	Problems of acid rain
12-11-25	Revision - UNIT = IV
13-11-25	Test of UNIT = IV
14-11-25	Full syllabus Revision
15-11-25	test UNIT = I
Week 19	
17-11-25	test UNIT = II, III
18-11-25	test UNIT = IV

TIKA RAM GIRLS COLLEGE SONIPAT

Lesson Plan Format

Name of Assistant/Associate Professor Dr. Sewali

Class and Section M.A. Pre. Geography

Subject Foundation of Geography

Week 1	Description
15-07-25	
16-07-25	
17-07-25	
18-07-25	
19-07-25	
Week 2	
21-07-25	
22-07-25	
23-07-25	
24-07-25	
25-07-25	
26-07-25	
Week 3	
28-07-25	
29-07-25	
30-07-25	
01-08-25	
02-08-25	
Week 4	
04-08-25	
05-08-25	
06-08-25	
07-08-25	
08-08-25	
Week 5	
11-08-25	
12-08-25	
13-08-25	

14-08-25	
Week 6	
18-08-25	
19-08-25	
20-08-25	Introduction to Geography
21-08-25	Place of Geography in classification
22-08-25	Relation with other Branches
23-08-25	Branches of Geography
Week 7	
25-08-25	Discussion
26-08-25	Revision
27-08-25	Test (Unit-1)
28-08-25	Doubt class
29-08-25	Environmental Determinism
30-08-25	"
Week 8	
01-09-25	Environmental Possibilism
02-09-25	"
03-09-25	Doubt class
04-09-25	Environmentalism
06-09-25	Geography as a science of Relationship
Week 9	
08-09-25	Geography as Integrated Science
09-09-25	Revision
10-09-25	Test (Unit-2)
11-09-25	Discussion
12-09-25	Doubt class
13-09-25	Study of landscape
Week 10	
15-09-25	Cultural landscape
16-09-25	Natural landscape
17-09-25	Concept of Area
18-09-25	"
19-09-25	Concept of space
20-09-25	"

Week 11	
24-09-25	Concept of Region
25-09-25	Genetic and Specific
26-09-25	" " "
27-09-25	Formal and Functional
Week 12	
29-09-25	" " "
30-09-25	Natural and cultural Regions
01-10-25	" " "
03-10-25	Revision (Unit-3)
04-10-25	Doubt class
Week 13	
06-10-25	Test of Unit-3
08-10-25	Discussion
09-10-25	"
10-10-25	Doubt Class
11-10-25	" "
Week 14	
13-10-25	Test (Unit-1,2,3)
Week 15	
23-10-25	Defining space and Place
24-10-25	" " "
25-10-25	" " "
Week 16	
27-10-25	Define Locality
28-10-25	" "
29-10-25	Absolute and Relative space
30-10-25	" " "
31-10-25	Spatial Distribution
01-11-25	" "
Week 17	
03-11-25	Discussion
04-11-25	"

06-11-25	Spatial organisation
07-11-25	" "
08-11-25	Revision
Week 18	
10-11-25	Time in Geography
11-11-25	" "
12-11-25	Spatial Relations
13-11-25	" "
14-11-25	Spatial Diffusion
15-11-25	" "
Week 19	
17-11-25	Revision
18-11-25	Test (Unit-4)

TIKA RAM GIRLS COLLEGE SONIPAT

Lesson Plan Format

Name of Assistant/Associate Professor

Ms. Sangeeta

Class and Section

M.A. Pre. Geography

Subject

Resource Geography

Week 1	Description
15-07-25	
16-07-25	
17-07-25	
18-07-25	
19-07-25	
Week 2	
21-07-25	
22-07-25	
23-07-25	
24-07-25	
25-07-25	
26-07-25	
Week 3	
28-07-25	
29-07-25	
30-07-25	
01-08-25	
02-08-25	
Week 4	
04-08-25	
05-08-25	
06-08-25	
07-08-25	
08-08-25	
Week 5	
11-08-25	
12-08-25	
13-08-25	

14-08-25	
Week 6	
18-08-25	
19-08-25	
20-08-25	Introduction
21-08-25	Nature
22-08-25	Scope
23-08-25	Significance of geography of Resource
Week 7	
25-08-25	Definition
26-08-25	Classification of Resource
27-08-25	Revision
28-08-25	Test
29-08-25	Model of Natural Resource
30-08-25	"
Week 8	
01-09-25	Zimmermann's Primitive Model
02-09-25	Revision
03-09-25	Test
04-09-25	Kirk's Decision Model
06-09-25	"
Week 9	
08-09-25	Revision
09-09-25	Test
10-09-25	Brookfield System model
11-09-25	Revision
12-09-25	Test
13-09-25	UNIT - I, II Presentation
Week 10	
15-09-25	Resources of Introduction.
16-09-25	Use and misuse of Resources
17-09-25	Introduction of Soil resources factors of Soil
18-09-25	Use and misuse of Soil resource
19-09-25	Revision of Soil resources
20-09-25	Test

Week 11	
24-09-25	Introduction of water resources.
25-09-25	Use and misuse of water resource
26-09-25	Test
27-09-25	Revision of water and Forest.
Week 12	
29-09-25	Introduction of Mineral resources
30-09-25	Use and misuse of Mineral resources
01-10-25	Future prospects of Natural resources
03-10-25	Revision
04-10-25	Test of Mineral resource and Natural resource
Week 13	
06-10-25	Revision Unit $\rightarrow$ I, II, III
08-10-25	Test of Unit - I II III
09-10-25	Introduction of Natural resources
10-10-25	Conservation of Natural resources
11-10-25	Management of Natural resources
Week 14	
13-10-25	Test
Week 15	
23-10-25	Meaning and Concept of Natural resources
24-10-25	Methods of Natural resources Presentation
25-10-25	
Week 16	
27-10-25	Test
28-10-25	Use and misuse of Natural resources
29-10-25	Revision
30-10-25	Management of Soil resources
31-10-25	Management of water resources
01-11-25	Test
Week 17	
03-11-25	Unit I revision
04-11-25	

06-11-25	Management and Conservation of
07-11-25	Forest resources
08-11-25	11
Week 18	
10-11-25	Test
11-11-25	Revision of management and Conservation
12-11-25	of Soil, Forest water.
13-11-25	Problems of Natural resources.
14-11-25	Management of resources in India
15-11-25	Revisi.
Week 19	
17-11-25	Revision Unit -I, II, III, IV
18-11-25	Test

TIKA RAM GIRLS COLLEGE SONIPAT

Lesson Plan Format

Name of Assistant/Associate Professor

Ms. Sangeeta

Class and Section

M.A. Geography Pre-15

Subject

Geomorphology

Week 1	Description
15-07-25	
16-07-25	
17-07-25	
18-07-25	
19-07-25	
Week 2	
21-07-25	
22-07-25	
23-07-25	
24-07-25	
25-07-25	
26-07-25	
Week 3	
28-07-25	
29-07-25	
30-07-25	
01-08-25	
02-08-25	
Week 4	
04-08-25	
05-08-25	
06-08-25	
07-08-25	
08-08-25	
Week 5	
11-08-25	
12-08-25	
13-08-25	

14-08-25	
Week 6	
18-08-25	
19-08-25	
20-08-25	Introduction of Geomorphology
21-08-25	Defination of Geomorphology & Nature
22-08-25	Scope of geomorphology.
23-08-25	History & development of geomorphic ideas.
Week 7	
25-08-25	Fundamental concept uniformitarian's geological structure
26-08-25	"
27-08-25	Revision
28-08-25	The Earth's Interior - structure
29-08-25	& constitution & Recent views
30-08-25	Plate tectonic theory.
Week 8	
01-09-25	Test
02-09-25	Revision
03-09-25	Tectonic activities along the boundaries &
04-09-25	distribution of plates
06-09-25	Endogenetic forces, Fold
Week 9	
08-09-25	Fault
09-09-25	Earthquake
10-09-25	Revision
11-09-25	Vulcanism
12-09-25	"
13-09-25	Revision
Week 10	
15-09-25	Topography associated with vulcanicity
16-09-25	& geographical distribution.
17-09-25	"
17-09-25	Presentation of students
18-09-25	"
19-09-25	"
20-09-25	Test

Week 11	
24-09-25	Exogenetic processes (Introduction)
25-09-25	Weathering
26-09-25	"
27-09-25	Mass wasting
Week 12	
29-09-25	Test
30-09-25	Dynamics of fluvial
01-10-25	"
03-10-25	Aeolian
04-10-25	"
Week 13	
06-10-25	Glacial & karst processes and resulting
08-10-25	Landforms
09-10-25	"
10-10-25	"
11-10-25	Presentation
Week 14	
13-10-25	Introduction of Applied geomorphology
	Definition & Meaning
Week 15	
23-10-25	Application of geomorphology in
24-10-25	Regional planning
25-10-25	Engineering projects
Week 16	
27-10-25	Test
28-10-25	Mineral exploration & Hydrology
29-10-25	"
30-10-25	Revision
31-10-25	Regional geomorphology of Punjab plain
01-11-25	"
Week 17	
03-11-25	"
04-11-25	Aravalli Region

06-11-25	Aravalli Region
07-11-25	ⁿ
08-11-25	Revision
Week 18	
10-11-25	Thar desert of India
11-11-25	ⁿ
12-11-25	Revision
13-11-25	Revision
14-11-25	Test
15-11-25	Presentation
Week 19	
17-11-25	Revision
18-11-25	Test

TIKA RAM GIRLS COLLEGE SONIPAT

Lesson Plan Format

Name of Assistant/Associate Professor

Ms. Sangeeta

Class and Section

M.A. Pre. Geography

Subject

Statistical methods in Geography

Week 1	Description
15-07-25	
16-07-25	
17-07-25	
18-07-25	
19-07-25	
Week 2	
21-07-25	
22-07-25	
23-07-25	
24-07-25	
25-07-25	
26-07-25	
Week 3	
28-07-25	
29-07-25	
30-07-25	
01-08-25	
02-08-25	
Week 4	
04-08-25	
05-08-25	
06-08-25	
07-08-25	
08-08-25	
Week 5	
11-08-25	
12-08-25	
13-08-25	

14-08-25	
Week 6	
18-08-25	
19-08-25	
20-08-25	Introduction of statistics
21-08-25	Definition of statistics
22-08-25	Geography and statistics
23-08-25	Significance of statistics in geographical studies
Week 7	
25-08-25	Primary and Secondary data
26-08-25	Levels of data measurement
27-08-25	Nominal
28-08-25	Ordinal
29-08-25	Interval and Ratio
30-08-25	"
Week 8	
01-09-25	measure of Central Tendency
02-09-25	Arithmetic mean
03-09-25	"
04-09-25	median
06-09-25	"
Week 9	
08-09-25	Mode
09-09-25	Test
10-09-25	Their geographical significance
11-09-25	Centographic Techniques
12-09-25	"
13-09-25	Mean Centre
Week 10	
15-09-25	Median centre
16-09-25	"
17-09-25	Standard distance
18-09-25	"
19-09-25	Test
20-09-25	measure of Dispersion and concentration

Week 11	
24-09-25	mean deviation
25-09-25	"
26-09-25	Standard deviation
27-09-25	Test
Week 12	
29-09-25	Coefficient of Variation
30-09-25	"
01-10-25	Lorenz Curve
03-10-25	"
04-10-25	Gini's Coefficient
Week 13	
06-10-25	Location Quotient
08-10-25	Test
09-10-25	Correlation & Regression
10-10-25	Scatter Diagram
11-10-25	Test
Week 14	
13-10-25	Correlation by Spearman's Rank
Week 15	
23-10-25	Rank Difference
24-10-25	"
25-10-25	Test
Week 16	
27-10-25	Karl Pearson's Product Moment
28-10-25	"
29-10-25	Significance testing of correlation
30-10-25	"
31-10-25	Test
01-11-25	"
Week 17	
03-11-25	Regression analysis
04-11-25	Regression equation construction

06-11-25	Regression line
07-11-25	computation of residuals
08-11-25	Test
Week 18	
10-11-25	mapping
11-11-25	"
12-11-25	Test
13-11-25	Revision
14-11-25	Test
15-11-25	Revision
Week 19	
17-11-25	Presentation
18-11-25	Test

TIKA RAM GIRLS COLLEGE SONIPAT

Lesson Plan Format

Name of Assistant/Associate Professor

..... Ms. Sangeeta

Class and Section

..... M.A. Geography Final Y.

Subject

..... Oceanography

Week 1	Description
15-07-25	
16-07-25	
17-07-25	
18-07-25	
19-07-25	
Week 2	
21-07-25	
22-07-25	
23-07-25	
24-07-25	
25-07-25	
26-07-25	
Week 3	
✓ 28-07-25	Introduction : Oceanography
29-07-25	Definition of Oceanography, and
30-07-25	scope of Oceanography
01-08-25	, of,
02-08-25	Major sea voyages of oceanography
Week 4	"
04-08-25	"
05-08-25	"
06-08-25	"
07-08-25	Oceanography and other sciences;
08-08-25	Oceanography and other sciences
Week 5	
11-08-25	Distribution pattern of land and sea
12-08-25	"
13-08-25	"

14-08-25	Origin of Oceans Basins
	"
Week 6	
18-08-25	Wegener's Drift Hypothesis
19-08-25	Test
20-08-25	Wegener's Drift Hypothesis
21-08-25	"
22-08-25	Test
23-08-25	Revision
Week 7	
25-08-25	Sea floors of spreading Theory
26-08-25	"
27-08-25	Revision
28-08-25	Test
29-08-25	Plate Tectonic
30-08-25	"
Week 8	
01-09-25	Plate Tectonic
02-09-25	Test
03-09-25	Revision
04-09-25	Dept of Ocean, Ocean Floor shelf
06-09-25	Continental shelf
Week 9	
08-09-25	Continental shelf
09-09-25	"
10-09-25	slope of Ocean
11-09-25	"
12-09-25	Slope of Ocean
13-09-25	Test
Week 10	
15-09-25	Ridge and Deep, abyssal plains
16-09-25	"
17-09-25	Test
18-09-25	Submarine canyons
19-09-25	coral reefs origin and Distribution
20-09-25	"

Week 11	
24-09-25	Ocean Deposits
25-09-25	Test
26-09-25	Configuration of Ocean floor of India ^{Ocean}
27-09-25	"
Week 12	
29-09-25	Indian Ocean
30-09-25	"
01-10-25	Atlantic Ocean
03-10-25	"
04-10-25	Test
Week 13	
06-10-25	Temperature of Oceans:
08-10-25	"
09-10-25	"
10-10-25	Salinity in Oceans
11-10-25	Density of ocean: Dynamics of Ocean currents
Week 14	
13-10-25	Current of Atlantic
Week 15	
23-10-25	Pacific and Indian Ocean
24-10-25	"
25-10-25	Tides and Origin Tsunami
Week 16	
27-10-25	Test
28-10-25	Revision
29-10-25	"
30-10-25	Ocean currents and their impact
31-10-25	on climate and economy
01-11-25	"
Week 17	
03-11-25	Oceans as source of food
04-11-25	"

06-11-25	)
07-11-25	Test
08-11-25	Mineral and Energy resources
Week 18	^
10-11-25	Mineral and Energy resources
11-11-25	)
12-11-25	Test
13-11-25	"
14-11-25	Revision
15-11-25	Evidence mechanism and Impact
Week 19	'
17-11-25	Maritime laws
18-11-25	Revision

TIKA RAM GIRLS COLLEGE SONIPAT

Lesson Plan Format

Name of Assistant/Associate Professor

Ms. Swati

Class and Section

M.A. Geography (Final Year)

Subject

Population Geography

Week 1	Description
15-07-25	Basic Introduction to Population Geography
16-07-25	" " " "
17-07-25	" " " "
18-07-25	Relationship with other disciplines
19-07-25	" " " "
Week 2	
21-07-25	Sources of Data
22-07-25	" " "
23-07-25	Sample surveys with reference to NSSO
24-07-25	" " " " NFHS
25-07-25	Revision (Unit - 1)
26-07-25	" "
Week 3	
28-07-25	Introduction to Population Distribution
29-07-25	" " " "
30-07-25	Growth and Affecting Factors
01-08-25	" " " "
02-08-25	Trends and Determinants
Week 4	
04-08-25	Population Theories
05-08-25	" "
06-08-25	Malthus Theory
07-08-25	Views of socialist writers
08-08-25	Demographic transition model
Week 5	
11-08-25	Revision (Unit - 2)
12-08-25	" "
13-08-25	Combined Revision (Unit - 1, 2)

14-08-25	Combine Revision (Unit-1, 2)
Week 6	
18-08-25	Components of Population change
19-08-25	Trends and Patterns in fertility
20-08-25	" " " " Mortality
21-08-25	Theories of fertility
22-08-25	" " "
23-08-25	" " "
Week 7	
25-08-25	Test of Unit - 1
26-08-25	Migration
27-08-25	" "
28-08-25	Theories of Migration
29-08-25	" " "
30-08-25	" " "
Week 8	
01-09-25	Population Composition
02-09-25	" "
03-09-25	" Characteristics
04-09-25	Economic Characteristics
06-09-25	Revision (Unit - 3)
Week 9	
08-09-25	— Revision —
09-09-25	Test (Unit-2)
10-09-25	Population and Development
11-09-25	" " "
12-09-25	" " "
13-09-25	Population Growth
Week 10	
15-09-25	Economic Development
16-09-25	" "
17-09-25	Growth and Environmental Quality
18-09-25	" " "
19-09-25	" " "
20-09-25	Population Control Movement

Week 11	
24-09-25	— Revision —
25-09-25	Test (Unit - 1)
26-09-25	Population Policies
27-09-25	" "
Week 12	
29-09-25	— Revision —
30-09-25	Discussion class
01-10-25	Indian Population Policies
03-10-25	" " "
04-10-25	" " "
Week 13	
06-10-25	Post Independence Development
08-10-25	" " "
09-10-25	" " "
10-10-25	Revision
11-10-25	Discussion Class
Week 14	
13-10-25	Doubt class
Week 15	
23-10-25	Reproductive and Child Health Programme
24-10-25	" " " "
25-10-25	" " " "
Week 16	
27-10-25	Revision
28-10-25	"
29-10-25	Test of Unit - 2
30-10-25	Revision
31-10-25	"
01-11-25	"
Week 17	
03-11-25	Doubt Class
04-11-25	" "

06-11-25	Revision (Unit - 3)
07-11-25	" "
08-11-25	" "
Week 18	
10-11-25	Discussion class
11-11-25	Test of Unit - 3
12-11-25	Discussion class
13-11-25	" "
14-11-25	Revision (Unit - 4)
15-11-25	" "
Week 19	
17-11-25	Test of Unit - 4
18-11-25	Doubt class

TIKA RAM GIRLS COLLEGE SONIPAT

Lesson Plan Format

Name of Assistant/Associate Professor Ms. Swati
 Class and Section M.A. Geography (Final year)
 Subject Transport Geography.

Week 1	Description
15-07-25	Basic Introduction of Transport geo.
16-07-25	" "
17-07-25	" "
18-07-25	Basic Introduction of Geography
19-07-25	Types of Transport geography.
Week 2	
21-07-25	Nature & scope of Transport geo. Unit 1
22-07-25	" "
23-07-25	Types of Geography Transport
24-07-25	" "
25-07-25	" "
26-07-25	Relevance of Transportation
Week 3	" "
28-07-25	" "
29-07-25	Basic Introduction of Transport & Development
30-07-25	" "
01-08-25	development Introduction Conceptual
02-08-25	framework "
Week 4	
04-08-25	" "
05-08-25	Theoretical framework
06-08-25	" "
07-08-25	" "
08-08-25	Modals of Global relevance
Week 5	
11-08-25	The Vance model
12-08-25	" "
13-08-25	The Rimer model

14-08-25	The Rimmer model.
Week 6	
18-08-25	The Taaffe, mervills & Gould model
19-08-25	" "
20-08-25	" "
21-08-25	Test - The vance model
22-08-25	Introduction of mode of
23-08-25	Transport - Unit-II ""
Week 7	
25-08-25	Modal characteristics of Roads
26-08-25	" "
27-08-25	Types of Roads Transport
28-08-25	" "
29-08-25	" "
30-08-25	Railways Introduction
Week 8	
01-09-25	" " "
02-09-25	Type of Railways
03-09-25	Rope ways & Cableway Introduction
04-09-25	" "
06-09-25	Test - Road Transport
Week 9	
08-09-25	Air ways Transport
09-09-25	" "
10-09-25	Types of Air way Transport
11-09-25	" "
12-09-25	Pipe line Transport
13-09-25	" "
Week 10	
15-09-25	Structural analysis of Transport Unit-III
16-09-25	" "
17-09-25	Network Introduction graph
18-09-25	" "
19-09-25	Types of network
20-09-25	" "

Week 11	
24-09-25	
25-09-25	Measures of individual element of Transport.
26-09-25	" "
27-09-25	millage matrix
	" "
Week 12	
29-09-25	
30-09-25	modality matrix
01-10-25	weighted millage matrix
03-10-25	" "
04-10-25	modality matrix
	" "
Week 13	
06-10-25	
08-10-25	gross accessibility.
09-10-25	" "
10-10-25	connection of network
11-10-25	" "
	cyclomatic number
Week 14	
13-10-25	Revision.
Week 15	
23-10-25	
24-10-25	Diameter : Alpha
25-10-25	- Test -
	Beta, gamma
Week 16	
27-10-25	Pie, eta, theta.
28-10-25	iota, indices
29-10-25	revision - Unit - II
30-10-25	Revision - Unit I
31-10-25	Test - of Unit I
01-11-25	Basic Introduction of Unit IV
Week 17	
03-11-25	Introduction of development of Road Transport in H.R.
04-11-25	" "

06-11-25	growth & development of Road Transp -
07-11-25	Types of Roads.
08-11-25	levels of Road Transport in H.R.
Week 18	
10-11-25	" " "
11-11-25	levels of Road Connection in H.R.
12-11-25	" "
13-11-25	Problems of Road Transport in H.R.
14-11-25	Revision of unit - III
15-11-25	Test of unit - III
Week 19	
17-11-25	Revision
18-11-25	"

TIKA RAM GIRLS COLLEGE SONIPAT

Lesson Plan Format

Name of Assistant/Associate Professor

Ms. Swati

Class and Section

M.A. Geography (Final Year)

Subject

Remote Sensing

Week 1	Description
15-07-25	Basic Introduction of Remote Sensing
16-07-25	"
17-07-25	Introduction of Remote Sensing techno.
18-07-25	"
19-07-25	"
Week 2	
21-07-25	Development of Remote Sensing technology
22-07-25	"
23-07-25	Applications of Remote Sensing technology
24-07-25	"
25-07-25	"
26-07-25	Electromagnetic radiations & Remote Sensing
Week 3	
28-07-25	"
29-07-25	"
30-07-25	Energy interaction in atmosphere
01-08-25	"
02-08-25	"
Week 4	
04-08-25	Energy interaction with earth's surface; features
05-08-25	"
06-08-25	"
07-08-25	REVISION OF 1st UNIT
08-08-25	Introduction of Unit-2 : Types of Remote Sensing
Week 5	
11-08-25	Optical Remote Sensing ; concept & advantages
12-08-25	"
13-08-25	Thermal Remote Sensing ; concept & advantages

Spectral signatures

Sensing

14-08-25	REVISION of optical & thermal Remote Sensing
Week 6	
18-08-25	Microwave Remote Sensing
19-08-25	"
20-08-25	"
21-08-25	Hyper spectral Remote Sensing
22-08-25	"
23-08-25	"
Week 7	
25-08-25	REVISION TEST OF TYPES of REMOTE SENSING
26-08-25	Remote Sensing below ground surface
27-08-25	"
28-08-25	"
29-08-25	"
30-08-25	Ground investigation in Remote Sensing
Week 8	
01-09-25	"
02-09-25	"
03-09-25	Revision of Unit - 2
04-09-25	"
06-09-25	TEST of UNIT - 2
Week 9	
08-09-25	Introduction of Unit - 3
09-09-25	Introduction of different platforms
10-09-25	Airborn platform
11-09-25	Spaceborn platform
12-09-25	"
13-09-25	Passive & active sensors
Week 10	
15-09-25	"
16-09-25	Image data characteristics
17-09-25	"
18-09-25	Spatial data & their characteristics
19-09-25	"
20-09-25	"

Week 11	
24-09-25	Spectral data & characteristics
25-09-25	
26-09-25	
27-09-25	
	Radiometric & temporal
Week 12	
29-09-25	Revision of unit-3
30-09-25	
01-10-25	
03-10-25	
04-10-25	
Week 13	
06-10-25	Introduction to unit-4
08-10-25	Introduction of Indian Remote Sensing
09-10-25	" " Space programmes
10-10-25	History of Indian space programme
11-10-25	development of Indian " "
Week 14	
13-10-25	Revision.
Week 15	
23-10-25	Test
24-10-25	General satellite programmes
25-10-25	IRS satellite series
Week 16	
27-10-25	"
28-10-25	INSAT Series
29-10-25	"
30-10-25	Gagan satellite Navigation system
31-10-25	"
01-11-25	"
Week 17	
03-11-25	Revision
04-11-25	"

06-11-25	Extra terrestrial exploration
07-11-25	"
08-11-25	Lunar exploration
Week 18	
10-11-25	Mars exploration
11-11-25	Solar probes
12-11-25	"
13-11-25	International co-operations
14-11-25	"
15-11-25	Doubt class
Week 19	
17-11-25	Revision
18-11-25	"

TIKA RAM GIRLS COLLEGE SONIPAT

Lesson Plan Format

Name of Assistant/Associate Professor

Ms. Sangeeta

Class and Section

M.A. Geography final

Subject

G.I.S.

Week 1	Description
15-07-25	
16-07-25	
17-07-25	
18-07-25	
19-07-25	
Week 2	
21-07-25	
22-07-25	
23-07-25	
24-07-25	
25-07-25	
26-07-25	
Week 3	
28-07-25	Introduction of Remote Sensing and GIS
29-07-25	Photogrammetry (Introduction)
30-07-25	History and development of Photogrammetry in GIS
01-08-25	definition and meaning of GIS
02-08-25	Type and characteristics.
Week 4	
04-08-25	As it is
05-08-25	scope and significance of GIS.
06-08-25	Components and basic function of GIS
07-08-25	Recent trends in GIS.
08-08-25	As it is
Week 5	
11-08-25	GIS education in India, issue,
12-08-25	Progress and challenges
13-08-25	Revision

14-08-25	Revision
Week 6	
18-08-25	Test
19-08-25	significance of GIS in geography
20-08-25	as it is
21-08-25	Geographical data characteristics and
22-08-25	source.
23-08-25	Accessibility and availability
Week 7	
25-08-25	as it is
26-08-25	Revision
27-08-25	spatial database models. Hierarchical,
28-08-25	Network, Geo-relational, Object
29-08-25	based and field based model
30-08-25	Revision
Week 8	
01-09-25	spatial data model. Raster and
02-09-25	Vector
03-09-25	as it is
04-09-25	Revision
06-09-25	Revision.
Week 9	
08-09-25	Test
09-09-25	spatial analysis. Raster and Vector
10-09-25	overlay
11-09-25	Revision
12-09-25	Test
13-09-25	Buffer analysis
Week 10	
15-09-25	Digital surface model. DSM,
16-09-25	DTM and DEM,
17-09-25	spatial Interpolation.
18-09-25	Revision
19-09-25	Revision
20-09-25	Test

Week 11	
24-09-25	IDW, spline and Kriging
25-09-25	methods.
26-09-25	As it is
27-09-25	Revision
Week 12	
29-09-25	Revision
30-09-25	Test
01-10-25	Network analysis
03-10-25	As it is
04-10-25	Revision.
Week 13	
06-10-25	Revision
08-10-25	Test
09-10-25	Application of GIS in regional
10-10-25	development and planning.
11-10-25	As it is
Week 14	
13-10-25	As it is
Week 15	
23-10-25	Revision
24-10-25	Agriculture, Hydrology
25-10-25	
Week 16	
27-10-25	As it is
28-10-25	As it is
29-10-25	Revision
30-10-25	Revision
31-10-25	Test
01-11-25	Revision
Week 17	
03-11-25	Hydrology
04-11-25	11

06-11-25	11
07-11-25	Test
08-11-25	Revision
Week 18	
10-11-25	Test
11-11-25	Revision
12-11-25	11
13-11-25	11
14-11-25	11
15-11-25	Revision.
Week 19	
17-11-25	Test
18-11-25	Test