

Lesson Plan

Name of college G.C.W Jind

Name of the assistant/Associate Professor Ajit Singh

Paper - Urban Geography

Class and section B.A. Hons (IV) Sem

Deptt - Geography

Month Session - 2024-25 (Jan to May)

Week	Date	topics
1 Jan - Feb 2025	Jan - Feb 2025	1. Nature and Scope of Urban Geography. 2. Approaches and historical development of Urban Geography.
2	Feb - March 2025	3. Origin and Evolution of towns and factors of urban growth. 4. Functional classification of cities: Concept and Scheme of Classification.
3	March - April 2025	5. Rural-Urban Fringe:- Structural characteristics and its development. 6. Models of city structure: Concentric zone model of Burgess, Sector theory of Homer Hoyt and Multiple nuclei theory of Harris and Ullman.
4	April - May 2025	7. Contemporary Urban issues and challenges: Slum and Environmental Pollution. 8. Urban development Policies and Programs in India.
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G.C.W Jind

Teacher's Name → Ajit Singh

Class → B.A III honours (VI) sem

Paper → Settlement Geography

Dept → Geography

Session → 2024-25

Jan-Feb	Introduction: Nature and Scope of settlement geography. 2. Basic Concepts: Rural and Urban • Settlements, Hamlet, Village, Town, City, Metropolis, Megalopolis, Conurbation, and Rural-Urban Fringe.
Feb-March	Histogenesis of rural settlements: historical development, distribution of rural settlements. Size and spacing of rural settlements in India Rural Settlements: Types, Patterns and Determinants. Functional classification of rural settlements.
March-Apr	Regional Settlement Hierarchy: Central Place Theory, Rank-Size Rule, Primate City.
Apr-May	Urban Land use Models: Concentric zone model, sector model and multiple nuclei model.



G.C. W Jind

Name - Ajit Singh

Class - B.A Ind Honr. (IV-Sem)

Paper - Economic Geography

Dept - Geography

Session - 2024-25

Jan-Feb	Nature and scope of economic geography and its relationship with economics. Classification of economic activities and their impact on environment.
Feb-March	Natural resources: types, bases of classification. Utilization and conservation of natural resources.
March-Apr	World distribution of food crops (rice and wheat), commercial crops (cotton and sugarcane) (cane) and plantation crops (tea and coffee). World distribution and production of coal, petroleum and natural gas, iron ore and bauxite.
Apr-May	World distribution and production of iron and steel industry, textile industry, sugar industry and automobile industry. International trade and transport and major oceanic trade routes.



G.C.W Tind

Name — Ajit Singh

Class — B.A Tind Hons. (IV-Sem)

Paper — Philosophy of Geography

Depth — Geography

Session — 2024-25

Jan-Feb	Classification of empirical knowledge and place of geography in the realm of knowledge. Nature of geography as a scientific discipline and its relationship with other sciences.
Feb-March	Contribution of Greeks, Romans and Arabs in geographic knowledge. Modern Geography: contribution of Humboldt and Ritter.
March-Apr	Concepts environmental determinism and possibilism, areal differentiation. Dualism in Geography: Physical vs Human, Systematic vs Regional
Apr-May	Quantitative revolution and development of geography as spatial science. Approaches to contemporary geography behavioural, welfare and radical



NAME OF COLLEGE :- P.T.G.G.C.W (Jind)

Name of The Teacher :- Dr. Sandeep Kumar

Class & Section :- B.A III Geog. Hon's VI- sem

~~Month~~ Subject :- Statistical Methods in Geography.

Weeks	DATE	Topic Covered
1	16-18/01/25	Basic Knowledge of Statistical Methods.
2	20-25/01/25	Type of Data and descriptive statistics:- visual descriptive methods such as histograms.
3	27-01/02/25	visual descriptive methods such as ogives.
4	03-08/02/25	Numerical descriptive statistics: measure of Central Tendency and Partition values.
5	10-15/02/25	measure of dispersion :- Quartile deviation.
6	17-22/02/25	measure of dispersion :- Mean Deviation.
7	24-01/03/25	measure of dispersion - Standard Deviation.
8	03-08/03/25	measure of inequality : Lorenz Curve.

9.	10-15/03/25	Continuous Probability Distribution and Models.
10	17-22/03/25	Properties of Normal Distribution.
11	24-29/03/25	Inferential Statistics: Confidence Intervals.
12	31-05/04/25	Inferential Statistics:- Hypothesis Testing.
13	07-12/04/25	Type of Sampling.
14.	14-19/04/25	Sampling its Application in Geographical Studies.
15.	28-03/05/25	Revision and I-Unit Test.
16.	5-10/05/25	Revision and II-Unit Test.
17.	12-15/05/25	

K. J.
16/01/2025

NAME OF COLLEGE :- P.T.G.G.C.W (Jind)

Name of The Teacher :- Dr. Sandeep Kumar

Class & Section :- B.A III. Geog. Hon's VI-Sem

Subject ~~Maths~~ :- Regional Development and Planning

Weeks	DATE	Topic Covered
1	16-18/01/25	Basic Knowledge of Regional Development and Planning.
2	20-25/01/25	Concept of Region, Types of Regions.
3	27-01/02/25	Methods of Regionalization.
4	03-08/02/25	Theories of Regional Development : Hirschman and Myrdal's Theory.
5	10-15/02/25	Regional Imbalances in development in India
6	17-22/02/25	Spatial reference of Human and Economic Development.
7	24-01/03/25	Concept of Planning : Spatial and Sectoral.
8	03-08/03/25	Concept of Planning : Regional and National, Micro and Macro.

9.	10-15/03/25	Revision and Unit Test-I
10	17-22/03/25	Environmental Issues in Regional Planning: Planning for Sustainable Development.
11	24-29/03/25	Features of various Five Years Plans in India.
12	31-05/04/25	Urban Planning in India.
13	07-12/04/25	Spatial reference to National Capital Region.
14.	14-19/04/25	Urban Planning in India.
15.	28-03/05/25	Revision and Unit Test-II
16.	5-10/05/25	Revision and Assignment Submit-I
17.	12-15/05/25	Revision and Assignment Submit-II

K.H.
16-01-2025

Lesson Plan

Name of college P.T.G. G.C.W. Jind
 Name of the assistant/Associate Professor Dr. Sandeep Kumar [Extension Lec.]
 Class and section B.A. Ind Hons IV-Sem
 Month Subject Geography of Tourism

Month	Week	Date	topics
	1	16-Jan to 31 Jan 2025	Tourists and tourism. Nature, Scope, approaches and significance of tourism.
	2	01-Feb to 28 Feb 2025	Travel and tourism through Ages. Role of Geography in tourism industry. Types of Tourism and its importance. Development of tourism in India and other major tourist countries.
	3	01-March to 31 March 2025	Trends of international and domestic Tourism. Tourism motivation and tourism Demand.
	4	01-April to 30 April 2025	Tourism infrastructure; Transport, accommodation, hospitality and other Facilities. Positive and negative impact of tourism: Economic, Political, Socio-cultural and Environmental.
	5	01-May to 15 May 2025	Carrying capacity: A tool for sustainable development. Tourism Planning and Policies.

16-01-2025

NAME OF COLLEGE :- P.T.G. G.C.W (Jind)

Name of The Teacher :- SANTU BALA

Class & Section :- B.A. III (G.H)

Subject ~~Maths~~ :- Field Survey in Geography

Weeks	DATE	Topic Covered
1	16-18/01/25	Basic Concepts of A Field Survey in Geog.
2	20-25/01/25	Basic Concepts of A Field Survey & Introduction to Topographical Sheet.
3	27-01/02/25	Toposheet - 1:50,000 & 1:25000
4	03-08/02/25	Introduction to Socio-Economic data
5	10-15/02/25	Sources of Demographic data
6	17-22/02/25	Socio-economic information on Toposheet
7	24-01/03/25	Census Data of a village & Town
8	03-08/03/25	Census & Socio-economic Study of village Town

9.	10-15/03/25	⇒ Cadastral Maps for field Mapping village level
10	17-22/03/25	⇒ Cadastral maps for field mapping Town Level.
11	24-29/03/25	⇒ Field mapping of the features of Land use.
12	31-05/04/25	⇒ Land Quality of field Mapping
13	07-12/04/25	⇒ use of structural Questionnaires for Socio-economic Survey.
14.	14-19/04/25	⇒ Collection of Socio-economic data
15.	28-03/05/25	⇒ Analysis of collected Socio-Economic data.
16.	5-10/05/25	⇒ formation of Questionnaires.
17.	12-15/05/25	⇒ Revision of the Syllabus & unit Test

Sanjay

Name of College $\Rightarrow$ P.T.G. G.C.W. (Jind)
 Name of Teachers $\Rightarrow$ SANTU BALA
 Class & Section $\Rightarrow$ B.A. III G-H
 Subject $\Rightarrow$ Geography of Transport.

Weeks	Date	Topic Covered
I	16 - 18/01/25 $\Rightarrow$	Basic Concept of Transport Geography
II	20 - 25/01/25 $\Rightarrow$	Introduction of Transport Geography
III	27 - 01/02/25 $\Rightarrow$	Nature, Scope & Significance of Transport Geog.
IV	03 - 08/02/25 $\Rightarrow$	Development of Transport Geog. $\Rightarrow$ Factors Associated with Development
V	10 - 15/02/25 $\Rightarrow$	Physical, Economic, Social - cultural & Institutional Factors Ass - I
VI	17 - 22/02/25 $\Rightarrow$	Characteristics of Airways, Roadway, Railway & waterways with it significant.
VII	24/02 - 01/03/25 $\Rightarrow$	Transport Density & its Regional variation
VIII	03 - 08/03/25 $\Rightarrow$	Traffic flow & Basics of spatial Interaction
IX	10 - 15/03/25 $\Rightarrow$	Transport & Location Activities
X	17 - 22/03/25 $\Rightarrow$	Impact of Different aspects of Transport on spatial equilibrium of location.
XI	24 - 29/03/25 $\Rightarrow$	Problem of Location & Regional Development.

<u>XII</u>	31 - 05/04/25	⇒ Transport Network, Functions.
<u>XIII</u>	07 - 12/04/25	⇒ Transport Pattern & Geometry.
<u>XIV</u>	14 - 19/04/25	⇒ Models of Network Change.
<u>XV</u>	21 - 26/04/25	⇒ Urban Transport - Profile of Urban Transport Traffic in Towns.
<u>XVI</u>	28 - 03/05/25	⇒ Problems in Transportation - Transportation & Environment degradation. Assig-II
<u>XVII</u>	5 - 10/05/25	⇒ Vehicular Pollution & Congestion.
XVIII <u>XVIII</u>	12 - 15/05/25	⇒ Alternative to Transport system in Mega Cities.

Sanjay

Name of College $\Rightarrow$ P.T.G. G.C.W. (Tind)
 Name of Teacher $\Rightarrow$ SANJU BALA
 Class & Section $\Rightarrow$ B.A. II (G.H)
 Paper $\Rightarrow$ Fundamentals of Remote Sensing

Months	Date (	Topic Covered
1	16 Jan To 31 Jan	$\Rightarrow$ Aerial Photography - History, Advantage & Limitation
2	1 Feb To 28 Feb	$\Rightarrow$ Types of Aerial Photograph Asst I $\Rightarrow$ Geometry of Aerial Photographs
3	1 March To 31 March	$\Rightarrow$ Interpretation of Aerial Photographs $\Rightarrow$ stages of Remote Sensing, <u>Unit Test</u>
4	1 April To 30 April	$\Rightarrow$ Electromagnetic Radiation & spectrum. $\Rightarrow$ Interpretation of satellite images.
5	1 May To 15 May	$\Rightarrow$ Indian Space Program.

Sanju

Name of College - P. I. G. C. W. Jind

Name of Teacher - Renu Bala

Class and Section - B.A. I (G.H)

Paper - Cartography

Months	Date	Topic Covered
1	16 Jan To 31 Jan	Nature and scope of Cartography, historical and recent development. Drawing instruments. Properties of drawing instruments.
2	1 Feb To 28 Feb	Characteristics of drawing instruments and drawing techniques. Scale type, signification and applications.
3	1 March To 31 March	Maps: classification, Characteristics, signification and limitations. Basic concepts of Surveying and Survey equipment's Coordinate system and map. Assignment - I
4	1 April To 30 April	Magnetic and true north, polar and rectangular. Techniques of map enlargement and reduction. Map Producing agencies in India. Test
5	1 May To 15 May	Methods and representation of climatic data. Methods and representation of Socio-economic data.

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Name of College - P.T.G. G.C.W. Jind

Name of Teacher - Renu Bala

Class and Section - B.A. III Sec B

Paper - Remote Sensing, GIS and Quantitative Method

Months	Date	
1	16 Jan To 31 Jan	Introduction to Aerial Photographs, advantages and types. Elements of Aerial Photo Interpretation.
2	1 Feb To 28 Feb	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. Test
3	1 March To 31 March	Application of Remote Sensing environment and resource mapping. Introduction to G.I.S, Definition Purpose, advantages and software and hardware requirements. Assignment - I
4	1 April To 30 April	Application of GIS in various fields of geography. Measure of Central Tendency, mean, median, mode. Assignment - II
5	1 May To 15 May	Measure of Dispersion Range, Quartile deviation and mean deviation, Standard deviation and coefficient of variation.

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Name of College - P.I.G.G.C.W. (Tind)

Name of Teacher - ~~Renu~~ Bala

Class and Section - B.A.I (G.H)

Paper - Human Geography

Months	Date	Topic Covered
1	16 Jan To 31 Jan	Definition, nature and Scope of human Geography Development of human geography, approaches of human Geography.
2	1 Feb To 28 Feb	Branches and relation with other social Sciences. Human race. Classification and their global diffusion and distribution Meaning, nature and classification of Religion.
3	1 March To 31 March	Evolution and global distribution of religion in the world. Central place theory, Agricult. location model. Assignment-I
4	1 April To 30 April	Industrial location model. Distribution, density and growth of Population determinants and world pattern. World Pattern and development of economy and polity and Test.
5	1 May To 15 May	World pattern of migration Streams and determinants.

(Signature)

P. I. G. G. C. W. Tind

Name- Kamlesh

class - B. A Ind (A+B) (4th sem)

Subject- Geography

Paper - Basic of economic geography

16 Jan to 31 Jan 2025	Nature and Scope of economic geography and its relationship with economics. Classification of economic activities and their impact on environment.
1 Feb to 28 Feb 2025	Natural resources types, bases of classification. Utilization and Conservation of natural resources.
1 March to 31 March 2025	World distribution of food crops (rice and wheat) commercial crops (cotton and sugarcane) and Plantation crops (tea and coffee).
1 April to 30 April 2025	World distribution and production of coal, Petroleum and natural gas, Iron and bauxite.
1 May to 14 May 2025	World distribution and production of iron and steel industry, textile industry, Sugar Industry and automobile industry. International trade and transport and major oceanic trade routes.

Kamlesh

Name - Kamlesh

Class / Section - B.A. IInd (Hons)

Subject - Geography

Paper - Climate change (VOC)

16 January to 31 January 2025	Understanding climate Elements of climate
1 Feb to 28 Feb. 2025	Basis of classification of climate Various types of climate
1 March to 31 March 2025	The concept of climate change Unit - test
1 April to 30 April 2025	Tools of reconstruction of past climate
1 May to 14 May 2025	Evidence of climate change Effects of climate change
	<u>Kamlesh</u>

P. I. G. G. C. W. Jind

Name - Kamlesh

Class - B.A, BSc (Hons)

Subject - Geography

Paper - Human geography of India

16 Jan
to
31 Jan
2025

Population of India: Growth and its measures.
Population of India: Distribution and Density.

1 Feb
to
28 Feb 2025

Population Composition: Sex ratio,
literacy rate, workforce. Ethnic composition
of India: Language and religion.

1 March
to
31 March
2025

Energy resources of India: Production and
distribution of coal, petroleum, hydropower
and solar power.

1 April
to
30 April
2025

Industrial Resources of India: Iron-
ore, cotton and sugarcane.

1 May
to
14 May
2025

Industrial development of India: Iron
and steel, sugar and textile.
Transportation in India: Road, Railways,
waterways.

Kamlesh

NAME OF COLLEGE :- P.T.G.C.W (Jind)

Name of The Teacher :- Praveen kumar

Class & Section :- B.A- 1st 'A+B' (IInd sem)

Session Month :- 2024-25

Weeks	DATE	Topic Covered
1	16-18/01/25	Introduction to Subject and discuss the subject matter.
2	20-25/01/25	Discussion about the syllabus of subject.
3	27-01/02/25	Interior of earth, Geological time scale.
4	03-08/02/25	Rocks and their types. Theory of isostasy
5	10-15/02/25	Continental drift Theory Plate Tectonic Theory.
6	17-22/02/25	Weather and climate Atmosphere composition.
7	24-01/03/25	Structure of Atmosphere.
8	03-08/03/25	Atmospheric Temperature.

Praveen

9.	10-15/03/25	Pressure in details
10	17-22/03/25	Moisture measurement and distribution.
11	24-29/03/25	Surface configuration of Ocean floor.
12	31-05/04/25	Surface relief of Pacific Ocean.
13	07-12/04/25	Surface relief of Indian Ocean.
14.	14-19/04/25	Surface relief of Atlantic Ocean.
15.	28-03/05/25	Currents of Pacific Ocean
16.	5-10/05/25	Currents of Atlantic Ocean.
17.	12-15/05/25	Currents of Indian Ocean.

NAME OF COLLEGE :- P.I.G.G.C.W (Jind)

Name of The Teacher :- Praveen Kumar

Class & Section :- MDC Geography.

Session Month :- 2024-25

Weeks	DATE	Topic Covered
1	16-18/01/25	Introduction to subject
2	20-25/01/25	Discussion the syllabus of subject.
3	27-01/02/25	Nature of Environment Geography.
4	03-08/02/25	Scope of Environment Geography.
5	10-15/02/25	Determinants of Environment.
6	17-22/02/25	Concept of "Ecology"
7	24-01/03/25	Concept of Ecosystem.
8	03-08/03/25	Meaning of Environment pollution.

Praveen

9.	10-15/03/25	Causes of Environment Pollution.
10.	17-22/03/25	Impact of Air Pollution
11.	24-29/03/25	Impact of water and Land Pollution.
12.	31-05/04/25	Trophic structure
13.	07-12/04/25	energy flow in Ecology.
14.	14-19/04/25	mitigation efforts of Environmental degradation.
15.	28-03/05/25	Stockholm Conference
16.	5-10/05/25	Earth Summit
17.	12-15/05/25	Kyoto protocol.

Name of College: PIGGCW Jind

Name of Teacher: Prafulla Kumar

Class & Section: BA-III section 'A'

Session: 2024-25

1	16-18/03/25	Introduction to Subject and Discussion of Syllabus.
2	20-23/03/25	Introduction to Aerial Photography: their advantages and types.
3	27-01/02/25	Elements of Aerial Photo Interpretation.
4	03-08/02/25	Introduction to Remote Sensing Electromagnetic Spectrum.
5	10-15/02/25	Stage in Remote Sensing Type of Satellites.
6	17-22/02/25	Type of Imageries
7	24-01/03/25	Application of Imageries in various field.
8	03-08/03/25	Use of Imageries in the field of Agriculture, environment and Resource mapping
9	10-15/03/25	Introduction to GIS Definition and purpose <i>Paise</i>

10	17-22/03/25	Advantage of GIS. Software and Hardware required in GIS.
11	24-29/03/25	Application of GIS
12	31-05/04/25	In various field of Geography
13	07-12/04/25	Measure of Central Tendency
14	14-19/04/25	Mean , Median
15	28-03/05/25	Mode . Measurement of Dispersion : Range
16	05-10/05/25	Quantile deviation , Mean deviation .
17	12-15/05/25	Standard deviation and Coefficient of variation.