

# Government College Chammu Kalan (Kurukshetra)

Teaching Plan – 2024-25

B.A. 1<sup>st</sup>

Name of Teacher: Anil Kumar

Subject: Geography

<b>Semester–1<sup>st</sup></b>	
<b>Paper – Physical Geography Theory &amp; Practical (101)</b>	
<b>Weak/Period</b>	<b>Topics</b>
July 22-27	Interior of the earth,
July 29- Aug. 3	Geological time scale.
Aug. 5-10	Rocks and their types.
Aug. 12-17	Theory of isostasy.
Aug. 19-24	Continental drift and plate tectonic.
Aug. 26- 31	Earthquakes and Volcanoes. <b>Practical - Identification and collection of rock samples: granite, basalt, laterite, limestone, shale, sandstone, conglomerate, slate, phyllite, schist, gneiss, quartzite (1 exercise).</b>
Sep. 2-7	Degradational processes: weathering, mass wasting and resultant landforms. <b>Practical - - Identification and collection of rock samples: granite, basalt, laterite, limestone, shale, sandstone, conglomerate, slate, phyllite, schist, gneiss, quartzite (1 exercise).</b>
Sep. 9-14	Degradational processes: weathering, mass wasting and resultant landforms. <b>Practical - Extraction of physiographic information from Survey of India 1:50000 topographical maps of mountain, plateau 30 34(647) and plain regions (2 exercises). Test-1, Assignment work (Frist)</b>
Sep. 16-21	Landforms generated by following geomorphic agents: river, under-ground water. <b>Practical - Measurement of weather elements using analogue instruments: temperature (maximum, minimum and mean) relative humidity, rainfall and preparation of climograph, hythergraph and hyetograph (1 exercises).</b>
Sep. 23-28	Landforms generated by following geomorphic agents: wind and glacier. <b>Practical - Measurement of weather elements using analogue instruments: temperature (maximum, minimum and mean) relative humidity, rainfall and preparation of climograph, hythergraph and hyetograph (2 exercises).</b>
Sep. 30-Oct. 5	Weather and climate: Atmosphere-composition and structure. <b>Practical - Interpretation of a daily weather map of India: Pre- Monsoon, Monsoon and Post-Monsoon (1 exercises)</b>
Oct. 7-12	Atmospheric temperature, pressure and moisture: measurement and distribution. <b>Practical - Practical - Interpretation of a daily weather map of India: Pre- Monsoon, Monsoon and Post-Monsoon (1 exercises)</b>
Oct. 14-19	Surface configuration of ocean floors: surface relief of the Pacific, Atlantic and Indian Ocean.

Oct. 21-26	Circulation of oceanic waters: current of the Pacific, Atlantic and Indian Ocean
Oct. 27- Nov. 3	<b>Vacation (Diwali)</b>
Nov. 4-22	<b>Revision/Assignment work (Second)</b>

Subject Teacher

Principal

# Government College Chammu Kalan (Kurukshetra)

Teaching Plan – 2024-25

B.A. 1<sup>st</sup>

Name of Teacher: Anil Kumar

Subject: Geography

<b>Semester–2<sup>nd</sup></b>	
<b>Paper - Human geography Theory &amp; Practical (B23-GEO-201)</b>	
<b>Weak/Period</b>	<b>Topics</b>
Jan. 01-04	Definition, nature and scope of human geography.
Jan. 06-11	Definition, nature and scope of human geography.
Jan. 13-18	Development of human geography approaches to study human geography, branches and relation with other social sciences.
Jan. 20-25	Development of human geography approaches to study human geography, branches and relation with other social sciences.
Jan. 27- Feb.1	Human race: Meaning, classification of races. <b>Practical - Composition of major religions of the world (1exercise).</b>
Feb. 3-8	Human race: global diffusion and distribution. <b>Practical - Methods of representing population distribution and density (1exercises).</b>
Feb. 10-15	Religion: Meaning, nature and classification. <b>Practical - Methods of representing population distribution and density (1exercises).</b>
Feb. 17-22	Religion: Evolution and global distribution of major religions in the world. <b>Practical - Flow diagram of migration streams of world population (1exercise)</b> <b>Assignment work (First)</b>
Feb. 24- Mar. 1	Organization of space: central place theory. <b>Practical - Plotting of isotims and isodapane (1 exercises).</b>
March 3-8	Agricultural location model and industrial location model. <b>Practical - Plotting of isotims and isodapane (1 exercises).</b>
March 9-16	<b>Vacation (Holi)</b>
March 17-22	Distribution, density and growth of population: Determinants and world pattern. <b>Practical - Spatial and temporal growth of world population (1 exercises).</b>
March 24-29	Distribution, density and growth of population: Determinants and world pattern. <b>Practical - Spatial and temporal growth of world population (1 exercises).</b>
Mar. 31 April 5	World pattern of development: economy and polity <b>Test</b>
April 7-12	World pattern of migration: streams and determinants
April 14-19	World pattern of migration: streams and determinants <b>Assignment work(Second)</b>
April 22-30	<b>Revision/Problems</b>

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# Government College Chammu Kalan (Kurukshetra)

Teaching Plan – 2024-25

B.A. 2<sup>nd</sup> Year

Name of Teacher: Anil Kumar

Subject: Geography

<b>Semester–3<sup>rd</sup></b>	
<b>Paper – Geography of India (Theory &amp; Practical) (B23-GEO-301)</b>	
<b>Weak/Period</b>	<b>Topics</b>
July 22-27	Physical divisions and drainage system.
July 29- Aug. 3	Physical divisions and drainage system. <b>Practical - Identification and delineation of watershed of major rivers on map</b>
Aug. 5-10	Climate <b>Practical - Practical - Identification and delineation of watershed of major rivers on map</b>
Aug. 12-17	soils and natural vegetation. <b>Practical - Landuse pattern of India (pie chart)</b>
Aug. 19-24	Agricultural crops: major crops and cropping pattern, <b>Practical - Landuse pattern of India (pie chart)</b>
Aug. 26- 31	Green revolution and its impacts. <b>Practical - Practice</b>
Sep. 2-7	Development of irrigation sources - canals and tubewells. <b>Practical - Practice</b>
Sep. 9-14	Population: distribution, density and growth. <b>Practical – Distribution and population density map of India (choropleth and dot method), Assignment work (First)</b>
Sep. 16-21	Population composition: sex ratio, rural and urban, literacy, <b>Practical - Age and sex structure (pyramid diagram)</b>
Sep. 23-28	work force, language and religion. <b>Practical - Occupational structure of India (pie chart)</b>
Sep. 30-Oct. 5	Resources: Production and distribution of iron ore, coal, <b>Practical - Identification of the major industrial region of India by cartogram</b>
Oct. 7-12	petroleum, hydro power, solar and thermal power <b>Practical - Rainfall deviation diagram of at least 20 years</b>
Oct. 14-19	Industries: iron and steel, sugar and cotton textile; <b>Practical - Cropping intensity and irrigation intensity (bivariate method)</b>
Oct. 21-26	transport and communication
Oct. 27- Nov. 3	<b>Vacation (Diwali)</b>
Nov. 4-22	<b>Revision/Problems</b> <b>Assignment work (Second)</b>

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Teaching Plan – 2024-25

B.A. 2<sup>nd</sup> Year

Name of Teacher: Anil Kumar

Subject: Geography

<b>Semester–4<sup>th</sup></b>	
<b>Paper - Economic geography Theory &amp; Practica (B23-GEO-401)</b>	
<b>Weak/Period</b>	<b>Topics</b>
Jan. 01-04	Nature and scope of economic geography and its relationship with economics. <b>Practical – Introduction about distribution map and practical work.</b>
Jan. 06-11	Nature and scope of economic geography and its relationship with economics. <b>Practical – Introduction about distribution map and practical work.</b>
Jan. 13-18	Classification of economic activities and their impact on environment. <b>Practical - Choropleth mapping of state-wise variation in GDP and PCI (1 exercises).</b>
Jan. 20-25	Natural resources: types, bases of classification. <b>Practical - Choropleth mapping of state-wise variation in GDP and PCI (1 exercises).</b>
Jan. 27- Feb.1	Utilization and conservation of natural resources. <b>Practical - Computation of rail and road transport network accessibility index (1 exercises).</b>
Feb. 3-8	World distribution of food crops (rice and wheat), <b>Practical - Computation of rail and road transport network accessibility index (1 exercises).</b>
Feb. 10-15	Commercial crops (cotton and sugarcane) and plantation crops (tea and coffee). <b>Practical - Time series analysis of world food, commercial and plantation crops production and trade using polygraph method (1 exercises).</b>
Feb. 17-22	World distribution and production of coal, <b>Practical - Time series analysis of world food, commercial and plantation crops production and trade using polygraph method (1 exercises).</b> <b>Assignment work -1</b>
Feb. 24- March 1	petroleum and natural gas, iron ore and bauxite. <b>Practical - Representation of coal and sugar production of major countries of the world using compound bar diagram (1 exercise).</b>
March 3-8	World distribution and production of iron and steel industry, <b>Practical – Representation of decadal production of major petroleum and iron and steel producing using multiple bar diagram (1 exercise)</b>
March 9-16	<b>Vacation (Holi)</b>
March 17-22	textile industry, sugar industry and <b>Practical -</b>
March 24-29	automobile industry. <b>Practical -</b>
Mar. 31 April 5	International trade and transport and major oceanic trade routes. <b>Test</b>
April 7-12	International trade and transport and major oceanic trade routes
April 14-19	<b>Assignment work-2</b>
April 22-30	<b>Revision</b>

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# Government College Chammu Kalan (Kurukshetra)

Teaching Plan – 2024-25

B.A. 3<sup>rd</sup> Year

Name of Teacher: Anil Kumar

Subject: Geography

<b>Semester–5<sup>th</sup></b>	
<b>Paper – Economic Geography (Theory &amp; Practical)</b>	
<b>Week/Period</b>	<b>Topics</b>
July 22-27	Nature, scope and relationship of economic geography with economics and other branches of social sciences.
July 29- Aug. 3	Nature, scope and relationship of economic geography with economics and other branches of social sciences.
Aug. 5-10	Classification of economic activities and their impact on environment.
Aug. 12-17	World natural resources: Types, bases and classification.
Aug. 19-24	Conservation and utilization of natural resources.
Aug. 26- 31	Spatial distribution of food (rice and wheat), <b>Practical - Principal of map design and layout</b>
Sep. 2-7	Commercial (cotton and sugarcane) and plantation crops (tea, rubber and coffee). <b>Practical - Symbolization: point, line and area symbol, Lettering and toponomy, Mechanics of map construction</b>
Sep. 9-14	Classification of mineral resources (ferrous and non-ferrous), <b>Practical - Distribution maps (i) Qualitative distribution maps Test-1</b>
Sep. 16-21	Distribution and production of coal, iron ore, petroleum and natural gas. <b>Practical - Chorochromatic maps- 1 Exercise Chorochromatic maps- 2 Exercise</b>
Sep. 23-28	Classification of industries, world distribution and production of iron and steel. <b>Practical - Quantitative distribution Maps - Isopleth maps-3 Exercises</b>
Sep. 30-Oct. 5	World distribution and production textile industry, <b>Practical -</b>
Oct. 7-12	Major industrial complexes of the world. <b>Practical - Choropleth maps-3 Exercises.</b>
Oct. 14-19	Transport, communication and trade: geographical factors in their development, major modes of water, land and air transport. <b>Practical - Dot maps-3 Exercises , Diagrammatic maps- 3 Exercises.</b>
Oct. 21-26	Recent trends in international trade. <b>Practical - Prismatic Compass Survey – 2 Exercises.</b>
Oct. 27- Nov. 3	<b>Vacation (Diwali)</b>
Nov. 4-22	<b>Revision/Problems</b>

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# Government College Chammu Kalan (Kuruksheetra)

Teaching Plan – 2024-25

B.A. 3<sup>rd</sup> Year

Name of Teacher: Anil Kumar

Subject: Geography

<b>Semester–6<sup>th</sup></b>	
<b>Paper - Introduction to Remote Sensing, GIS &amp; Quantitative Methods (Theory) (303)</b>	
<b>Introduction to Remote Sensing and Field Survey Report (Practical)</b>	
<b>Weak/Period</b>	<b>Topics</b>
Jan. 01-04	Introduction to Remote Sensing; Electromagnetic spectrum,
Jan. 06-11	Stages in remote sensing, type of satellites.
Jan. 13-18	Types of Imageries and their application in various fields such as agriculture, environment and resource mapping. <b>Practical - Demarcation of Principal Point.</b>
Jan. 20-25	Introduction to Geographical Information System. <b>Practical -</b>
Jan. 27- Feb.1	Definition, purpose, advantages and software and hardware requirements. <b>Assignment work-2</b>
Feb. 3-8	Application of GIS in various fields of geography. <b>Practical - Conjugate Principal point and Flight line on Aerial Photographs – 1 Exercise</b>
Feb. 10-15	Measure of Central Tendency: Mean. <b>Practical - Determination of Scale of Aerial Photographs – 1 Exercise.</b>
Feb. 17-22	Measure of Central Tendency: Median. <b>Practical - Interpretation of Single Vertical Photographs – 1 Exercise.</b>
Feb. 24- March 1	Measure of Central Tendency: Mode. <b>Practical - Use of Stereoscope and Identification of Features – 1 Exercise. 5. Identification of Features on IRSID, LISS III imagery (Mark copy of FCC) -1 Exercise.</b>
March 3-8	Measure of Central Tendency: Mode. <b>Practical -Socio-economic Survey and Report Writing Test</b>
March 9-16	<b>Vacation (Holi)</b>
March 17-22	Measure of Dispersion: Range, Quartile deviation
March 24-29	Mean deviation.
Mar. 31 April 5	Standard deviation.
April 7-12	Coefficient of variation.
April 14-19	<b>Assignment work-2</b>
April 22-30	<b>Revision</b>

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