

**Government College for Women, Mahendragarh, Haryana, 123029**

**Department of Geography**

Name of the Assistant Professor: **Sh. Naveen Kumar**

M.Sc. Final (3<sup>rd</sup> Semester) Session: 2024-25

Lesson Plan: 16 Weeks (Aug 07 to Nov 23): **Geog of world and Economic System.**

<b>Week</b>	<b>Topics</b>
Week1	Nature, Scope
Week3	Economic man, good and service
Week4	Production exchange and consumption
Week5	Imp. of consumption in economy
Week6	Space of consumption street, mall and theme park
Week7	Impact of changing landscape
Week8	World economies bases and classification
Week9	Economic dev. goal and measures
Week10	Stages of economic dev ; rostow and romer model
Week11	Network structure and economic activates
Week12	Impact of transport on economic activates
Week13	Weber and loach and smith theories
Week14	w. Christallar and ullman theories
Week15	Globalization and its recent trends
Week16	Trade blocks ; SAARC,ASEAN,OPEC, EU, trips and GATT and WTO
Week17	Test and revision

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Lesson Plan: 17 Weeks (Aug 22 to Nov 23): **G.I.S**

<b>Week</b>	<b>Topics</b>
Week 1	GIS:-Definition, scope, components
Week 2	and elements Geoid and spheroid
Week 3	coordinate projection system UTM implication and transformation in GIS.
Week 4	Geographic Entities:- Line, polygon, and point
Week 5	Raster and vector data format
Week 6	Spatial and Non spatial data, DBMS
Week 7	Generation of Geo Data Base Spatial Topology
Week 8	Generation of Geo Data Base Spatial Topology
Week 9	Spatial analysis: - Overlay, Neighborhood. Proximity analysis
Week 10	Integration of raster and vector data, map Production
Week 11	GIS and cartography Bertin”s visual variables GPS concepts and principles
Week 12	GPS Segments Space ,control and user GPS Devices handling Differential GPS
Week 13	Handling Differential GPS
Week 14	Navstar,
Week 15	Galilo GAGAN
Week 16	Application of GPS
Week 17	Test and Revision

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Lesson Plan: 17 Weeks (Aug 01 to Nov 24): **Regional Development Planning with Special**

**Reference to India**

Week 1	Concept in development and regional studies; regional and spatial disparities.
Week2	Methods of regional delineation, types of planning region, balanced regional development
Week3	Development Theories: Trickle-down Theory (Hirschman), Growth Pole Model (Parroux), Cumulative causation model (Myrdal).
Week4	Core-Periphery Theory (Friedman); Recent Divergence and convergence theories: Kuznets curve, Dependency theory
Week5	Bio-regionalism, Eco-feminism, Deep ecology, sustainable development
Week6	Need for Planning Region; Characteristics of Planning Regions.
Week7	Planning Process- Sectoral, Temporal and Spatial dimensions; Short-term and Long-term Perspective of Planning
Week8	Planning for a Regions development and Multi-regional planning in National Context
Week9	Sectoral-spatial development with special reference to agricultural and industrial development in India; decentralization and development.
Week10	State, civil society and market in the Neo-liberal economic framework, Globalization
Week11	Regional Planning in India: Regional Imbalances/Disparities- Causes and Consequences
Week12	Measurements of Regional Disparities.
Week13	Planning Policies for Regional Development; National Capital Region
Week14	Study of regional development planning and programmes
Week15	Backward area development, Tribal area development
Week16	Hilly area development, Arid/Desert area development.
Week17	Flood and drought prone areas development and coastal area development.

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Lesson Plan: 18 Weeks (Aug 22 to Nov 23): **Practical's**

**Lab Course I**

Week 1	marginal information on aerial photo, Identification of pp, cpp, flight line
Week 2	Calculation of scale on Aerial photo, Determination of flight Direction
Week 3	Determination of height from single aerial photo, Study of stereoscope(mirror and pocket)
Week 4	Parallax bar measurement height from stereo pair, Mapping of cultural and natural feature on aerial photo
Week 5	Study of true and false color compositions, Preparation of interpretation keys
Week 6	Preparation false color composite and natural color composite
Week 7	land use and cover maps
Week 8	

**Lab course II**

Week 9	Imp. of socio eco survey, Research problems and research designs
Week 10	Primary data :- Source and collection method, Secondary data :- source and collection method
Week 11	Interview and questionnaires, case study, Processing and analysis of data
Week 12	Report writing, sample designs for collection of socio eco data
Week 13	Field visit and data collections
Week 14	Field visit and data collections
Week 15	Analysis and writing of report
Week 16	Correction of Reports of students
Week 17	Signature on students reports

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Class : B.A. Final- Vth Sem. Session - 2024-25

Lesson Plan: 17 Weeks (Aug 01 to Nov 23): **Geog Economic Geog. (301)**

Week1	Definition and views of scholars on economic geography
Week2	Nature, Scope
Week3	Economics and other Branches of Social Sciences
Week4	Economic Activities' impact on environment
Week5	World natural resources- Types
Week6	World natural resources- Types,
Week7	Classifications
Week8	Bases and classification
Week9	Conservation of soil, water , air and forests
Week10	Conservation utilization of natural resources
Week11	Spatial distribution of food (rice and wheat)
Week12	Classification of mineral resources (ferrous and non -ferrous
Week13	Commercial (cotton and sugarcane) and plantation crops (tea, rubber and coffee
Week14	Distribution and production of coal, iron ore, petroleum and natural gas.
Week15	Classification of industries, world distribution and production of iron and
Week16	Textile industry, major industrial complexes of the world. Transport, communication and trade: geographical factors in their development
Week17	Major modes of water, land and air transport, recent trends in international trade
Week18	Class Test and Revision