

SIDDHINATH MAHAVIDYALAYA
DEPARTMENT OF GEOGRAPHY, TEACHING PLAN- 2024 (EVEN)

SEM	PAPER	UNIT	TOPIC	TEACHER	NO OF LECTURE	TO BE COMPLETED BY
2ND SEMESTER	MJ-1: Geotectonics and Geomorphology	MI-2T: Human Geography Credits 04	<ol style="list-style-type: none"> 1. Definition, Nature, Major Subfields, Contemporary Relevance. 2. Space and Society: Cultural Regions; Race; Religion and Language 3. Population: Population Growth and Demographic Transition Theory. 4. World Population Distribution and Composition (Age, Gender and Literacy). 5. Settlements: Types and Patterns of Rural Settlements; Classification of Urban Settlements; Trends and Patterns of World Urbanization 	AKA + SP	36+12	October
	SEC 2: Coastal Management	SEC 2P: Coastal Management (Practical) Credits 03	<ol style="list-style-type: none"> 1. Components of a coastal zone. Coastal morphodynamic variables and their role in evolution of coastal forms. 2. Environmental impacts and management of mining, oil exploration, salt manufacturing, land reclamation and tourism. 3. Coastal hazards and their management using structural and non-structural measures: Erosion, flood, sand encroachment, dune degeneration, estuarine sedimentation and pollution 4. Principles of Coastal Zone Management. Exclusive Economic Zone and ICZM 5. Coastal Regulation Zones with reference to India (2018-2019). <p>Assessment:</p> <ol style="list-style-type: none"> 1. Project Report to be submitted on any one of the topic based on the above syllabus 2. Viva-voce 	SP+TS	24+12	October



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4TH SEMESTER

SEM	PAPER	UNIT	TOPIC	TEACHER	NO OF LECTURE	TO BE COMPLETED BY
4 TH SEMESTER	CC-8: Regional Planning and Development Credits 06	Unit-1 Regional Planning 02 Credits	<ol style="list-style-type: none"> 1. Concept of regions: Types of regions and their delineation. 2. Types of planning, principles and objectives of regional planning, multi-level planning in India 3. Tools and techniques of regional planning, need for regional planning in India 4. Metropolitan concept: metropolitan areas, and urban agglomeration 	T5	24	JULY
		Unit-2 Regional Development 4 Credits	<ol style="list-style-type: none"> 1. Development: Meaning, growth versus development 2. Concept and strategies of regional development with reference to India 3. Theories and models for regional development : Growth pole model of perroux; growth centre model in Indian context 4. Theories and models for regional development: Cumulative causation (Myrdal) and core periphery (Hirschman, Rostov and Friedman) 5. Changing concept of development, concept of underdevelopment, efficiencyequity debate 6. Indicators of development: Economic, social and environmental. Human development. 7. Regional development in India, regional inequality, disparity and diversity 8. Need and measures for balanced development in India. 	SP	48	July
	CC-9 Economic Geography Credits 06	UNIT-1 : Concepts 2 Credits	<ol style="list-style-type: none"> 1. Meaning and approaches to Economic Geography, new Economic Geography 2. Concepts in Economic Geography: Goods and services, production, exchange and consumption 3. Concept of economic man, theories of choices 4. Economic distance and transport costs Unit II: Economic Activities 	SP	22	July

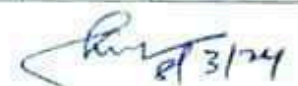


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4TH SEMESTERCC-10: Environmental Geography
Credits 06CC-9 Economic Geography
Credits 06

UNIT-2: Economic Activities 4 Credits	<ol style="list-style-type: none"> 1. Concept and classification of economic activities 2. Factors affecting location of economic activity with special reference to agriculture (Von Thunen), and industry (Weber). 3. Primary activities: Subsistence and commercial agriculture, forestry, fishing and mining 4. Secondary activities: Manufacturing (cotton textile, iron and steel), concept of manufacturing regions, special economic zones and technology parks 5. Tertiary activities: transport, trade and services 6. Agricultural systems: Case studies of tea plantation in India and mixed farming in Europe 7. Transnational sea-routes, railways and highways with reference to India 8. International agreements and trade blocs: GATT and OPEC 	AKA	48	July
C10T: Environmental Geography Credits 04	<ol style="list-style-type: none"> 1. Geographers' approach to environmental studies 2. Perception of environment in different stages of civilization 3. Concept of holistic environment and system approach 4. Ecosystem: Concept, structure and functions 5. Environmental pollution and degradation: Land, water and air 6. Space-time hierarchy of environmental problems: Local, regional and global 7. Urban environmental issues with special reference to waste management 8. Environmental programmes and policies – Global, national and local levels 	AKA	60	July
C10 : Environment Geography Lab Credits 02	Environment Geography A Project File, comprising one exercise each is to be submitted <ol style="list-style-type: none"> 1. Preparation of questionnaire for perception survey on environmental problems 2. Preparation of check-list for Environmental Impact Assessment of an urban / industrial project 3. Quality assessment of soil using field kit: pH and NPK 4. Interpretation of air quality using CPCB / WBPCB data 	TS	12	July



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4 TH SEMESTER	SEC-2: Research Methods	SEC2T: Research Methods 1. Geographic Enquiry: Definition and Ethics; Literature Review; Framing Research Questions, Objectives and Hypothesis; Preparing Sample Questionnaires and inventories 2. Data Collection: Type and Sources of Data; Methods of data Collection; Data Input and Editing 3. Data Analysis: Qualitative and Quantitative Analysis; Techniques Data Representation 4. Structure of a Research Report: Preliminaries; Text; Citation, Notes, References, Bibliography and Abstract and Key words	TS	20	July
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6th SEMESTER

6th SEMESTER

SEM	PAPER	UNIT	TOPIC	TEACHER	NO OF LECTURE	TO BE COMPLETED BY
6 th SEMESTER	CC-13: Evolution of Geographical Thought Credits 06	Unit I: Nature of Pre Modern Geography	1. Development of Geography and contributions of Greek, Chinese, and Indian geographers. 2. Impact of 'Dark Age' on Geography and Arab contributions 3. Geography during the Age of 'Discovery' and 'Exploration' (Contributions of Portuguese Voyages, Columbus, Vasco da Gama, Magellan, Thomas Cook) 4. Transition from Cosmography to Scientific Geography (Contributions of Bernard Varenius and Immanuel Kant); Dualism and Dichotomies (General vs. Particular, Physical vs. Human, Regional vs. Systematic, Determinism vs. Possibilism, Ideographic vs. Nomeothetic)	TS	22	MAY
		Unit II: Foundations of Modern Geography and Recent Trends	1. Evolution of Geographical thoughts in Germany, France, Britain and United States of America. 2. Contributions of Humboldt and Ritter 3. Contributions of Richthofen, Hettner and Ratzel 4. Schools of geographical thought: French, British and American; 5. Trends of Geography in the post World War-II period 6. Evolution of Geography in India: formative periods, establishments and emerging trends 7. Quantitative Revolution and its impact, behaviouralism, systems approach, radicalism, feminism 8. Towards Post Modernism: Changing concept of space in geography. Geography in the 21st Century	AKA+SP	36+12	MAY
6 th SEMESTER	CC-14: Disaster Management	Unit I: Concepts (2 Credits)	1. Classification of hazards and disasters. 2. Approaches to hazard study: Risk perception and vulnerability assessment. Hazard paradigms. 3. Responses to hazards: Preparedness, trauma and aftermath. Resilience and capacity building. 4. Hazards mapping: Data and techniques	TS	10	MAY
		Unit II: Disaster Case Studies (2 Credits)	1. Earthquake: Factors, vulnerability, consequences and management 2. Landslide: Factors, vulnerability, consequences and management 3. Cyclone: Factors, vulnerability, consequences and management 4. Fire: Factors, vulnerability, consequences and management	AKA	24	MAY

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6th SEMESTER

<p>DSE-4: Urban Geography Credits 06</p>	<p>Unit I Credits 03</p>	<p>1. Urban Geography: nature and scope, different approaches and recent trends in urban geography 2. Origin of urban places in Ancient, Medieval, Modern and Post-Modern periods factors, stages, and characteristics. 3. Theories of Urban Evolution and Growth: Hydraulic Theory, Economic Theory 4. Aspects of urban places: Location, site and situation, Size and Spacing of Cities: The Rank Size Rule, The Law of the Primate City 5. Urban Hierarchies : Central Place Theory; August Loch's theory of Market Centres 6. Patterns of urbanisation in developed and developing countries</p>	<p>TS+AKA</p>	<p>22+12</p>	<p>MAY</p>
<p>DSE-3: Soil and Biogeography Credits 06</p>	<p>DSE3T: Soil and Biogeography</p>	<p>1. Factors of soil formation. Man as an active agent of soil transformation, 2. Soil profile. Origin and profile characteristics of Lateritic, Podzol and Chernozem soils 3. Definition and significance of soil properties: Texture, structure and moisture, 4. Definition and significance of soil properties: pH, organic matter and NPK 5. Soil erosion and degradation: Factors, processes and mitigation measures 6. Principles of soil classification: Genetic and USDA. Concept of land capability and its classification. 7. Concepts of biosphere, ecosystem, biome, ecotone, community and ecology 8. Concepts of trophic structure, food chain and food web. Energy flow in ecosystems 9. Geographical extent and characteristic features of: Tropical rain forest, Taiga and Grassland biomes 10. Bio-geochemical cycles with special reference to carbon dioxide and nitrogen 11. Deforestation: Causes, consequences and management 12. Bio-diversity: Definition, types, threats and conservation measures</p>	<p>AKA+ TS+SP</p>	<p>36+24+12</p>	<p>MAY</p>
<p>CC-14: Disaster Management</p>	<p>14P: Disaster Management based Project Work Credits 02</p>	<p>An individual Project Report based on any one case study among the following disasters incorporating a preparedness plan in the vicinity of the candidate's institution or residence: 1. Thunderstorm 2. Landslide 3. Flood 4. Coastal / riverbank erosion 5. Fire 6. Industrial accident 7. Structural collapse</p>	<p>SP</p>	<p>28</p>	<p>MAY</p>

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