


CURRICULUM DELIVERY (Academic Session: 2021-22)

SUSMITA MONDAL, SACT II			Department: Geography		
Sem	Name of the Course	Course Code	Name of the Unit / Topic	Teaching Methods to be Used	Mode of Continuous Evaluation to be used
I	GEOMORPHOLOGY	GEO-H-CC-1-02TH	Unit2-Geomorphic processes, Weathering Unit3-Evolution of erosional and depositional landforms: Fluvial, Karst, Aeolian, Glacial and Coastal	Lectures, tutorials	Assignment, viva voce, class test
I	PRACTICALS	GEO-H-CC-1-02PR	Unit11-Identification of rocks and minerals: Granite, Basalt, Limestone, Shale, Sandstone, Phyllites, Slates, Marble, Schist, Quartzite, Bauxite, Chalcocopyrite, Calcite, Feldspar, Galena, Haematite, Magnetite, Mica, Quartz and Talc.	Lectures, Practical	Assignment, viva voce, class test
I	PHYSICAL GEOGRAPHY	GEO-P-CC-1-01TH	UNIT IV- Principal Geomorphic Agents, classification and evolution of fluvial, coastal, Aeolian and glacial landforms	Lectures, tutorials, PPT	CLASS TEST
I	PHYSICAL GEOGRAPHY	GEO-GE-01TH	UNIT IV- Erosional and depositional features of river, glacial and wind	Lectures, tutorials, PPT	CLASS TEST, VIVA
II	SETTLEMENT GEOGRAPHY	GEO-H-CC-2-04TH	Unit1- Settlement: Origin and growth of Rural and Urban settlement Unit-II- Classification and morphology of settlement Unit-III- Trends and patterns of World's urbanisation with special reference to India	Lectures, tutorials, PPT	Assignment, viva voce, class test

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II	HUMAN GEOGRAPHY	GEO-H-CC-2-02TH	Unit 2- Cultural region; race; religion and language with reference to India	Lectures, tutorials	Assignment, viva voce, class test
II	HUMAN GEOGRAPHY PRACTICAL	GEO-P-CC-2-02PR	Unit II Proportional circle	Lectures, practicals	Assignment, viva voce, class test,
II	GEOGRAPHY OF INDIA	GEO-GE-02TH	Unit I Physiography, climate, natural vegetation and soil	Lectures, tutorials, PPT	CLASS TEST, ASSIGNMENT
II	GEOGRAPHY OF INDIA	GEO-GE-02PR	Unit II Topographical Map; Settlement, Transport and Communication	Lectures, tutorials, PPT	CLASS TEST, ASSIGNMENT
III	CLIMATOLOGY	GEO-H-CC-3-05TH	UNIT II Atmospheric pressure and wind; planetary winds, forces affecting wind, general circulation, Jet Stream; Monsoon: Origin and mechanism	LECTURES, TUTORIALS	REPORT WRITING, CLASS TEST
III	CLIMATOLOGY PRACTICAL	GEO-H-CC-3-05PR	UNIT I Meteorological Instruments: Minimum and Maximum Thermometer, Hygrometer, Fortin's Barometer Unit II Interpretation of India's Daily Weather Report (Summer and Winter), Representation of climatic data by Climograph and Hythergraph	LECTURES, TUTORIALS	REPORT WRITING, CLASS TEST
III	REMOTE SENSING	GEO-SEC-A-3-01TH	UNIT III Classification (Supervised and Unsupervised)	Lectures, tutorials, PPT	CLASS TEST, ASSIGNMENT
III	REGIONAL DEVELOPMENT	GEO-P-CC3-03TH	Unit IV Problems of regions and regional planning; backward regions and regional plans, special area development plans in India	Lectures, tutorials, PPT	CLASS TEST, ASSIGNMENT

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III	REGIONAL DEVELOPMENT	GEO-P-CC3-03PR	Unit I Interpretation of Indian Topographical Map: Settlement, transport and communication	Lectures, tutorials, PPT	CLASS TEST, ASSIGNMENT
III	RURAL DEVELOPMENT	GEO-SEC-A-3-01TH	Unit III Area-based approach to rural development – Drought-prone area Programme, PMGSY Unit IV Target Group Approach in Rural Development, SJSY, MNREGA, Jan Dhan Yojana and Rural connectivity	Lectures, tutorials, PPT	CLASS TEST, ASSIGNMENT
IV	ECONOMIC GEOGRAPHY	GEO-H-CC-4-08TH	UNIT II Primary activity, subsistence, commercial agriculture, forestry, fishing and mining	Lectures, tutorials, PPT	CLASS TEST
IV	REGIONAL PLANNING AND DEVELOPMENT PRACTICALS	GEO-H-CC4-09PR	Unit II Measuring inequality by Location Quotient, Measuring Regional Disparity by Sopher Index	Lectures, tutorials, PPT	CLASS TEST

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IV	GEOGRAPHICAL INFORMATION SYSTEM	GEOH-SEC-A-4-02TH	Unit II Global Positioning System, Principal and uses of DGPS	Lectures, tutorials, PPT	CLASS TEST
IV	GEOGRAPHICAL INFORMATION SYSTEM	GEOH-SEC-A-4-02TH	Unit II Global Positioning System, Principal and uses of DGPS	Lectures, tutorials, PPT	CLASS TEST, ASSIGNMENT
V	ENVIRONMENTAL GEOGRAPHY	GEO-H-CC-5-11PR	UNIT I Project on environmental problems of North Bengal	Sample survey	CLASS TEST, ASSIGNMENT

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V	URBAN GEOGRAPHY (THEORY)	GEO-H-DSE-502-TH	UNIT I Urban Geography; Introduction, nature and scope UNIT II Patterns of urbanisation in developed and developing countries Unit II Functional classification of cities; quantitative and qualitative methods Unit IV Urban issues: Problems of housing, slums, civic amenities (water and transport), case study of urban centre in North Bengal with reference to land use and urban problems	Lectures, tutorials, PPT	SEMINAR, CLASS TEST
V	URBAN GEOGRAPHY (PRACTICAL)	GEO-H-DSE-502-PR	Unit I Hierarchy of urban settlements: Rank size rule Unit II State-wise variation and trends of urbanisation; temporal analysis of urban growth using Census data of India	Lectures, tutorials, PPT	SEMINAR, CLASS TEST
V	DISASTER MANAGEMENT	GEO-P-DSE-5-01TH	Unit IV Response and mitigations to disaster: Mitigation and preparedness, NDMA and NIDM; indigenous knowledge and community-based disaster management	Lectures, tutorials, PPT	CLASS TEST
V	DISASTER MANAGEMENT	GEO-P-DSE-5-01PR	Unit I Project Report based on landslide	Data collection and compilation	Field visit and discussion

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VI	EVOLUTION OF GEOGRAPHICAL THOUGHTS	GEO-H-CC-6-13TH	Unit I Development of Geographical Thoughts: Pre-modern, early origin of Geographical Thinking with reference to the Classical and medieval period Unit II Modern: Evolution of Geographical Thinking and disciplinary trends in Germany, France, Britain, USA	Lectures, tutorials, PPT	SEMINAR, CLASS TEST
VI	PRACTICALS	GEO-H-CC-6-13PR	Unit II Crop Combination, Weber, Rafiulla and Doi	Lectures, tutorials, PPT	SEMINAR, CLASS TEST
VI	PRACTICALS	GEO-H-CC-6-14PR	Project report based on any one field based case study from the following disaster will be prepared: a) Flood b) Landslide c) Earthquake	Lectures, tutorials, PPT	PROJECT REPORT
VI	RURAL DEVELOPMENT	GEO-P-DSE-6-02TH	Unit III Area-based approach to rural development: drought-prone area programme, PMGSY	Lectures, tutorials, PPT	SEMINAR
VI	PRACTICALS	GEO-P-DSE-6-02PR	I. A case study on socio economic status of the people at any one of the following level: a) Mouza level b) Village level	Lectures, tutorials, PPT	PROJECT REPORT

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Curriculum Delivery (Academic Session: 2021-22)					
Name of the Teacher: DR. SUVENDU ROY					Department: GEOGRAPHY
Semester	Name of the Course	Course Code	Name of the Unit / Topic	Teaching Methods to be Used	Mode of Continuous Evaluation to be used
1	GEOTECTONIC	GEOH-CCHL-101	Unit 1-Earth's Tectonic and structural evolution with reference to geological time scale	Lectures, tutorials	Assignment, viva voce, class test
1	GEOTECTONIC PRACTICAL	GEOH-CCHL-101	Scales: Concepts, applications, graphical construction of diagonal and vernier scale	Lectures, tutorials	Assignment, viva voce, class test
1	GEOMORPHOLOGY	GEOH-CCHL-102	Unit -1-Geomorphologic nature and scope; Fundamental concept	Lectures, Practical	Assignment, viva voce, class test
1	practical	GEOH-CCHL-102	Unit-2-characteristics of minerals	Lectures, Practical	Assignment, viva voce, class test


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I	PHYSICAL GEOGRAPHY	GEOH-GEIL-103	UNIT -2- Plate tectonic theory of global tectonic. Formation of major relief feature of the ocean floor and continents according to Plate tectonic	Lectures, tutorials, PPT	CLASS TEST
I	PRACTICALS	GEOH-GEIL-103	1. Construction of scale- Diagonal scale and vernier scale	Lectures, tutorials, PPT	CLASS TEST, VIVA
II	HUMAN GEOGRAPHY	GEOH-CCHL-201	Defining human geography; major themes, Contemporary relevance	Lectures, tutorials	Assignment, viva voce, class test
II	HUMAN GEOGRAPHY	GEOH-CCHL-201	Space and society; cultural region, race religion and language Population growth and distribution with special reference to india population and composition	Lectures, tutorials	Assignment, viva voce, class test

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II	HUMAN GEOGRAPHY PRACTICAL	GEOH-CCHL-201	Unit-I-Diagrammatic data presentation: Line and Bar Graph	Lectures, practicals	Assignment, viva voce, class test, TERM PAPER, SEMINAR
II	SETTLEMENT GEOGRAPHY	GEOH-CCHL-202	UNIT-1- Settlement: origin and growth of rural and urban settlement	Lectures, practicals	Assignment, viva voce, class test
II	HUMAN GEOGRAPHY	GEOP-DSCL-204 Resource	Unit 1 introduction: Definition and Scope - Content of human geography	Lectures, tutorials, PP T	CLASS TEST
II	PRACTICALS	GEOP-DSCL-204	Diagrammatic Data Presentation; line and bar graph	Lectures, tutorials, PP T	CLASS TEST, ASSIGNMENT

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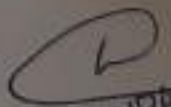
III	CLIMATOLOGY	GEOH-CCHL-301	UNIT 1- Atmospheric Atmospheric moisture: evaporation, humidity, condensation, fog, and clouds, precipitation types climatic region (Koppen)	LECTURES TUTORIALS	REPORT WRITING, CLASS TEST
III	STATISTICAL METHODS IN GEOGRAPHY	GEOH-CCHL-302	UNIT 1. Significance of statistics in Geography	LECTURES, TUTORIALS	REPORT WRITING, CLASS TEST
III	PRACTICALS	GEOH-CCHL-302	UNIT 2- Association and correlation: Rank correlation	Lectures, practicals	Assignment, viva voce, class test

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III	GEOGRAPHY OF INDIA	GEOH-CCHL-303	UNIT 3- Social : Distribution of population by race, caste,, religion, language, tribes, and their correlates	Lectures, tutorials, PP T	CLASS TEST, ASSIGNMENT
III	PRACTICAL	GEOH-CCHL-303	UNIT1- Monthly temperature and rainfall graph of five selected station from different physiographic region of india	Lectures, tutorials, PP T	CLASS TEST
III	REMOTE SENSING	GEOH-SECT-305	UNIT-2- satellite remote sensing; principles, EMR interaction with atmosphere and earth surface; satellites (landsat and IRS)	Lectures, tutorials, PP T	CLASS TEST, ASSIGNMENT
III	REGIONAL DEVELOPMENT (THEORY)	GEOP-DSCL-306	1. Problem region and regional planning; backward region and regional plans special area development plans in india	Lectures, tutorials, PP T	PROJECT REPORT ON RURAL ISSUE

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III	REMOTE SENSING	GEOP-SECT-307	1. satellite remote sensing; principles, EMR interaction with atmosphere and earth surface; satellites (landsat and IRS)	Lectures, tutorials, PP T	CLASS TEST, ASSIGNMENT
IV	ECONOMIC GEOGRAPHY	GEOH-CCHL-401	UNIT I- Tertiary Activities; Transport, trade and services	Lectures, tutorials, PP T	CLASS TEST
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IV	REGIONAL PLANNING AND DEVELOPMENT	GEOH-CCHL-402	UNIT 1- Unit -4- measuring development: Indicator (economic, social and environment); human development.	Lectures, tutorials, PP T	CLASS TEST
IV	REGIONAL PLANNING AND DEVELOPMENT	GEOH-CCHL-402	Delineation of formal region by weighted index method; delineation of functional region by breaking point analysis	lecture, tutorial ppt	CLASS TEST
IV	FIELD WORK AND RESEARCH METHODOLOGY	GEOH-CCHL-403	UNIT 1-Field work in geographical studies: Role value, data, and ethics of field work	Lectures, tutorials, PP T	CLASS TEST, ASSIGNMENT

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IV	GEOGRAPHICAL INFORMATION SYSTEM	GEOH-SECT-405	UNIT-2- Global positioning system (GPS): Principles and uses : DGPS	Lectures, tutorials, PPT	CLASS TEST, ASSIGNMENT
IV	SPATIAL INFORMATION TECHNOLOGY	GEOH-DSCL-406	2. Spatial information/data: web data sources, registration and projection; data structure; data interpolation and modelling	Lectures, tutorials, PPT	SEMINAR
IV	GEOGRAPHICAL INFORMATION SYSTEM	GEOH-SECT-407	1. Gis data structure:: types (spatial and non spatial), raster and vector data structure	Lectures, tutorials, PPT	CLASS TEST, ASSIGNMENT
V	REMOTE SENSING AND GIS	GEOH-CCHL-502	UNIT1- Gis data structure:: types (spatial and non spatial), raster and vector data structure	Lectures, tutorials, PPT	SEMINAR, CLASS TEST
V	POPULATION GEOGRAPHY (THEORY)	GEOH-DEIL-503	3. Population dynamic: fertility and mortality (determinant and measures): Migration (causes and consequence)	Lectures, tutorials, PPT	SEMINAR, CLASS TEST

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			4. Population composition and characteristics: age-composition; literacy; contemporary issues; ageing of population; HIV/AIDS		
V	POPULATION GEOGRAPHY (PRACTICAL)	GEOH-DEIL-503	1. Population projection by arithmetic method; Population density mapping for India;	Lectures, tutorials, PPT	CLASS TEST
V	DISASTER MANAGEMENT	GEOH-DEIL-505	2. Disasters in India: (flood causes impact, distribution and mapping landslide causes impact distribution and mapping drought causes impact distribution and mapping)	Lectures, tutorials, PPT	CLASS TEST
V	PRACTICALS	GEOH-DEIL-505	1. Project report based on any one	Lectures,	PROJECT REPORT

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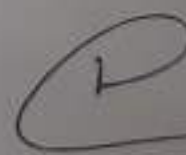
			field based case study a) Flood b) Landslide	tutorials, PPT	
VI	DISASTER MANAGEMENT	GEOH- CCHL-602	1. Definition classification of hazard and disaster; Risk perception and vulnerability assessment	Lectures, tutorials, PPT	SEMINAR, CLASS TEST
VI	SOCIAL AND CULTURAL GEOGRAPHY	GEOH-CCHL- 604	Social geography concept and nature Social process social groups, social space and social concept Social well being Cultural diffusion and convergence	Lecture, tutorial, PPT	SEMINAR CLASS TEST
VI	PRACTICALS	GEOH- CCHL-602	Project report based on any one field based case study from the following prepared: a) Flood b) Landslide c) Earthquake	Lectures, tutorials, PPT	PROJECT REPORT
VI	RURAL	GEOP-DE2L-	2. Area based approach	Lecture	SEMINAR

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	DEVELOPMENT	605	to rural development flood prone area programme : PMGSY	res, tutorials, PPT	
VI	PRACTICALS	GEOP-DE2L-605	1. A case study on socio economic status of the people at any one of the following a) Mouza level b) Village level	Lectures, tutorials, PPT	PROJECT REPORT

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Curriculum Delivery (Academic Session: 2021-22)

Name of the Teacher: *DR. RANJITA ROY SARKAR*

Department:
GEOGRAPHY

Semester	Name of the Course	Course Code	Name of the Unit / Topic	Teaching Methods to be Used	Mode of Continuous Evaluation to be used
1	GEOTECTONIC	GEOH-CCHL-101	Unit 2-Earth's Interior structure,theory of Isostasy (Airy, Pratt, Bowie, Hayford,Heiskanen	Lectures, tutorials	Assignment , viva voce,class test
1	GEOTECTONIC PRACTICAL	GEOH-CCHL-101	Scales: Concepts, applications, meritsand demerits	Lectures, tutorials	Assignment , viva voce,class test
1	GEOMORPHOLOGY	GEOH-CCHL-102	Unit2-Geomorphic processe, Mass wasting	Lectures,Practical	Assignment , viva voce,class test
1	practical	GEOH-CCHL-102	Unit1-Topographical Map: Interpretation of plateau/mountain area with the help of cross and	Lectures, Practical	Assignment , viva voce,class test

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			longitudinal profiles; interpretation of relief profile: composite; Slope Analysis (Wentworth's method); Relative Drainage density and drainage frequency; Transect chart		
I	PHYSICAL GEOGRAPHY	GEOH- GE1L-103	UNIT 1- Earth's interior with special reference to seismology	Lectu res, tutori als,PP T	CLASS TEST
I	PRACTICAL S	GEOH- GE1L-103	2. Map Projection: Zenithal Gnomonic Projection (Polar Projection (Equatorial Case), Simple Conical Projection with one standard parallel	Lectu res, tutori als,PP T	CLASS TEST, VIVA
II	HUMAN GEOGRAPHY	GEOH- CCHL-201	Unit3- malthus	Lectu res, tutori als	Assignment , viva voce,class test
II	HUMAN GEOGRAPHY	GEOH- CCHL-201	Unit 4-Concept of population-resource relationship; Population resource	Lectu res, tutori als	Assignment , viva voce,class test

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II	HUMAN GEOGRAPHY PRACTICAL	GEOH-CCHL-201	Unit1-Diagrammatic data presentation: isopleth (isotherm, isohyet and isobar); compound and composite); circles (proportional concentric circle and divided circle)	Lectures, practicals	Assignment, viva voce, class test, TERM PAPER, SEMINAR
II	SETTLEMENT GEOGRAPHY PRACTICAL	GEOH-CCHL-202	UNIT1-Levelling by Dumpy Level along a given line by rise and collimation method	Lectures, practicals	Assignment, viva voce, class test
II	SETTLEMENT GEOGRAPHY PRACTICAL	GEOH-CCHL-202	UNIT 2-Geological Map; Drawing of sections on uniclinal and folded structures unconformity.	Lectures, practicals	Assignment, viva voce, class test
II	HUMAN GEOGRAPHY	GEOP-DSCL-204 Resource	4. Population-	Lectures, tutorials, PPT	CLASS TEST


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II	PRACTICAL S	GEOP- DSCL-204	2. Thematic Mapping Techniques: Choropleth, Proportional Circles and Proportional	Lectu res, tutori als,PP T	CLASS TEST, ASSIGNM ENT
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			Divided Circles		
III	CLIMATOLOGY	GEOH-CCHL-301	UNIT 1-Atmospheric composition and structure; insolation and temperature: distribution, heat budget, temperature inversion	LECTURE S, TUTORIALS	REPORT WRITING, CLASS TEST
III	STATISTICAL METHODS IN GEOGRAPHY	GEOH-CCHL-302	UNIT 3. Sampling: purposive, random, systematic and stratified	LECTURE S, TUTORIALS	REPORT WRITING, CLASS TEST
III	PRACTICALS	GEOH-CCHL-302	UNIT 1-Tabulation of data; frequency distribution table, class group and class interval; Descriptive statistics: Deciles, Quartiles, Percentiles; Measures of Central Tendency: Mean, Median and Mode; Measures of Dispersion: Quartile Deviation, Standard Deviation, Variance and Coefficient of Variation	Lectures, practicals	Assignment, viva voce, class test

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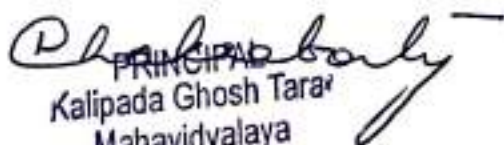
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III	GEOGRAPHY OF INDIA	GEOH-CCHL-303	UNIT 1-Physical: Physiographic divisions, soil, vegetation, climate classification	Lectures, tutorials, PPT	CLASS TEST, ASSIGNMENT
III	PRACTICAL	GEOH-CCHL-303	UNIT 2-Measures of Inequality: Lorenz Curve and Gini's Coefficient	Lectures, tutorials, PPT	CLASS TEST
III	REMOTE SENSING	GEOH-SECT-305	UNIT 1-Remote Sensing: Definition and development; platforms and types; photogrammetry	Lectures, tutorials, PPT	CLASS TEST, ASSIGNMENT
III	REGIONAL DEVELOPMENT (THEORY)	GEOP-DACL-306	1. Definition, types of Regional planning: Formal, Functional, and Planning regions	Lectures, tutorials, PPT	PROJECT REPORT ON RURAL ISSUE
III	PRACTICALS	GEOP-DACL-306	2. Geological maps: Uniclinal and folded structures with given dips	Lectures, tutorials, PPT	CLASS TEST
III	REMOTE SENSING	GEOP-SECT-307	1. Remote Sensing: Definition and development; platforms and types; photogrammetry	Lectures, tutorials, PPT	CLASS TEST, ASSIGNMENT

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IV	ECONOMIC GEOGRAPHY	GEOH-CCHL-401	UNIT I- Introduction: Concept of economic activity; factors affecting location of economic activity with special reference to agriculture (Von Thunen theory), Industry (Weber's theory)	Lectures, tutorials, PPT	CLASS TEST
IV	PRACTICALS	GEOH-CCHL-401	Representation of state wise variation in occupational structure and work rate using proportional circles and proportional Co-efficient method (comparison of developed and developing countries)	Lectures, tutorials, PPT	CLASS TEST
IV	REGIONAL PLANNING AND DEVELOPMENT	GEOH-CCHL-402	UNIT I-Definition of region, evolution and types of regional planning: formal, planning regions and regional planning; need for regional planning; types of regional planning	Lectures, tutorials, PPT	CLASS TEST


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IV	FIELD WORK AND RESEARCH METHODOLOGY	GEOH-CCHL-403	UNIT 4-Defining research problems; objectives and hypothesis	Lectures, tutorials, PPT	CLASS TEST, ASSIGNMENT
IV	PRACTICAL (FIELD SURVEY)	GEOH-CCHL-403	Use of field tools: Collection of material for physical and socio-economic surveys; 2. Designing the field report: Aims and objectives, methodology, analysis, interpretation and writing the report	Lectures, tutorials, PPT	PROJECT REPORT
IV	GEOGRAPHICAL INFORMATION SYSTEM	GEOH-SECT-405	UNIT1-Geographical Information System (GIS): Definition and Components	Lectures, tutorials, PPT	CLASS TEST, ASSIGNMENT
IV	SPATIAL INFORMATION TECHNOLOGY	GEOP-DSCL-406	4. Application of Spatial Information Technology	Lectures, tutorials, PPT	SEMINAR

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IV	PRACTICALS	GEOP-DSCL-406	2. Statistical techniques: Measures of central tendency and measures of dispersion.	Lectures, tutorials, PPT	CLASS TEST
IV	GEOGRAPHICAL INFORMATION SYSTEM	GEOP-SECT-407	1. Geographical Information System (GIS): Definition and Components	Lectures, tutorials, PPT	CLASS TEST, ASSIGNMENT
V	REMOTE SENSING AND GIS	GEOH-CCHL-502	UNIT1-Remote Sensing and GIS: Definition and components, development, platforms and types	Lectures, tutorials, PPT	SEMINAR, CLASS TEST
V	POPULATION GEOGRAPHY (THEORY)	GEOH-DEIL-503	UNIT 1- Defining the field: Nature and scope; sources of data with special (Census, Vital Statistics and NSSO) UNIT 2-Population size, distribution and growth: Determinants and patterns; population; (Malthusian Theory and Optimum	Lectures, tutorials, PPT	SEMINAR, CLASS TEST

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			3. Population dynamics: Fertility, mortality and migration; measures, implications; 4. Population composition and characteristics: age-composition; literacy; contemporary issues: ageing of population; HIV/AIDS		
V	POPULATION GEOGRAPHY (PRACTICAL)	GEOH-DEIL-503	1. Population projection by arithmetic method; Population density mapping for India; Measures of Fertility (Crude Birth Rate, General Fertility Rate, Age Specific Fertility Rate, Total Fertility Rate); Death Rate; Age Specific Death Rate, Infant Mortality	Lectures, tutorials, PPT	CLASS TEST
V	DISASTER MANAGEMENT	GEOP-DEIL-505	3. Disasters in India: (b) earthquake and tsunami: causes, impact, distribution mapping; cyclone: causes, impact, distribution and mapping	Lectures, tutorials, PPT	CLASS TEST

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V	PRACTICALS	GEOP-DEIL-505	1. Project report based on any one field based case study a) Flood b) Landslide	Lectures, tutorials, PPT	PROJECT REPORT
VI	EVOLUTION OF GEOGRAPHICAL THOUGHTS	GEOH-CCHL-601	3. Modern evolution of geographical thinking in Germany, France, Britain, States of America; 4. Debates: Environmental Determinism and Possibilism	Lectures, tutorials, PPT	SEMINAR, CLASS TEST
VI	PRACTICALS	GEOH-CCHL-601	1. Quantitative techniques in geography: Chi square, standard score, dominant and distinctive analysis	Lectures, tutorials, PPT	SEMINAR, CLASS TEST
VI	DISASTER MANAGEMENT	GEOH-CCHL-602	3. Factors, consequences and management of landslide; 4. Human induced disaster: Fire hazard, industrial accidents	Lectures, tutorials, PPT	SEMINAR, CLASS TEST
VI	PRACTICALS	GEOH-CCHL-602	Project report based on any one field based case study from the following prepared: a) Flood	Lectures, tutorials, PPT	PROJECT REPORT


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			b) Landslide c) Earthquake		
VI	RURAL DEVELOPMENT	GEOP-DE2L-605	4. Target Group Approach to Rural Development: SJSY, and Rural Connectivity	Lectures, tutorials, PPT	SEMINAR
VI	PRACTICALS	GEOP-DE2L-605	1. A case study on socio economic status of the people at any one of the following a) Mouza level b) Village level	Lectures, tutorials, PPT	PROJECT REPORT

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CURRICULUM DELIVERY (Academic Session: 2021-22)

Name of the Teacher: Dr. Himika Mukhopadhyay

Department : Geography

Sem	Name of the Course	Course Code	Name of the Unit / Topic	Teaching Methods to be Used	Evaluation to be used
I	GEOTECTONIC	GEOH-CCHL-101	Unit 3	Lectures, tutorials	Assignment, viva voce, class
I	GEOTECTONIC	GEOH-CCHL-101	Unit 2	Lectures, Practicals	Assignment, Class
I	GEOMORPHOLOGY	GEOH-CCHL-102	Unit 3	Lectures, tutorials	Assignment, viva voce, class
I	PHYSICAL GEOGRAPHY	GEOH-GEIL-103	Unit 3 Situational Projection	Lectures, tutorials, Lectures, Practicals	CLASS TEST
II	HUMAN GEOGRAPHY	GEOH-CCHL-201	Unit 2	Lectures, Practicals PPT	Assignment, Class
II	SETTLEMENT GEOGRAPHY	GEOH-CCHL-202	Unit 4	Lectures, PPT	Assignment, Class
II	HUMAN GEOGRAPHY	GEOP-DACL-204	Unit 4 Prop. circles	Lectures, PPT, pract	Assignment, Class
III	CLIMATOLOGY	GEOH-CCHL-301	Unit 4	Tutorials, class test	project Report Writing
III	STATISTICAL METHODS IN GEOG.	GEOH-CCHL-302	Unit 2	Tutorials, class test, PPT	project TEST
III	STATISTICAL METHODS IN GEOG.	GEOH-CCHL-302	Unit 2	Tutorials, class test, PPT	project TEST
III	GEOGRAPHY OF INDIA	GEOH-CCHL-303	Unit 2	Tutorials, class test, PPT	Project, Class test
III	REMOTE SENSING	GEOP-SECT-307	Unit 2	Tutorials, class test, PPT	Class test
III	REGIONAL DEVELOPMENT	GEOP-DACL-306	Unit 3 Profile & Transect	Lectures, tutorials, Lectures, tutorials,	Report on Rural Issue Project,

III	RURAL DEVELOPMENT	GEOP-SECT-307	Chart	Unit 3	Lectures, tutorials,	Class test, Assn		
IV	ECONOMIC GEOGRAPHY	GEOH-CCHL-401	UNIT 3	Lectures, tutorials,	class test			
IV	ECONOMIC GEOGRAPHY	GEOH-CCHL-401	UNIT 1	Lectures, tutorials, pract, PPT	class test, project, assn			
IV	REGIONAL PLANNING & DEVELOPMENT	GEOH-CCHL-402	UNIT 2	Lectures, tutorials, pract, PPT	class test,			
IV	FIELD WORK AND RESEARCH METHODOLOGY	GEOH-CCHL-403	UNIT 3	Lectures, tutorials, pract, PPT	class test, project			
IV	GIS	GEOP-SECT-405	UNIT 5	Lectures, tutorials,	Excursion			
IV	SPATIAL INFORMATIONTECHNOLOGY	GEOP-DSCL-406	Unit- 1	Lectures, tutorials, PPT	class test			
			Unit - 1	Lectures, tutorials, PPT	seminar			
V	ENVIRONMENTAL GEOGRAPHY	GEOH-CCHL-501	UNIT 1 & 2	Lectures, tutorials, PPT	project, test			
V	REMOTE SENSING AND GIS	GEOH-CCHL-502	Unit 1	Lectures, tutorials, PPT, practical	project, test, seminar			
V	DISASTER MANAGEMENT	GEOP-DE1L-505	Unit 2	Lectures, Tutorials, Field	class test, Project			
VI	PRACTICALS	GEOP-DE1L-505	Project	PPT	project report			
VI	ADVANCED CARTOGRAPHY	GEOH-DE3L-603	ENTIRE PAPER	Lectures, tutorials, PPT, practical	project, test, seminar			
VI	PRACTICALS	GEOH-DE3L-603	Project	tutorials, PPT	project report			