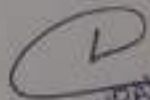


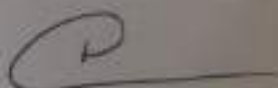
Curriculum Delivery (Academic Session: 2020-21)					
Name of the Teacher: <i>DR. SUVENDU ROY</i>					Department: GEOGRAPHY
Semester	Name of the Course	Course Code	Name of the Unit / Topic	Teaching Methods to be Used	Mode of Continuous Evaluation to be used
1	GEOTECTONIC	GEOH-CCHL-101	Unit 1-Earth's Tectonic 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-GE1L-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-GE1L-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 I introduction: Definition and Scope - Content of human geography	Lectures, tutorials, PPT	CLASS TEST
II	PRACTICAL S	GEOP-DSCl-204	Diagrammatic Data Presentation; line and bar graph	Lectures, tutorials, PPT	CLASS TEST, ASSIGNMENT

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III	CLIMATOLOGY	GEOH-CCHL-301	UNIT1 - Atmospheric Atmospheric moisture: evaporation, humidity, condensation, fog, and clouds, precipitation types climatic region (Koppen)	LECTURE S, TUTORIALS	REPORT WRITING, CLASS TEST
III	STATISTICAL METHODS INGEOGRAPHY	GEOH-CCHL-302	UNIT 1. Significance of statistics in Geography	LECTURE S, 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, PPT	CLASS TEST, ASSIGNMENT
IV	ECONOMIC GEOGRAPHY	GEOH-CCHL-401	UNIT I- Tertiary Activities: Transport, trade and services	Lectures, tutorials, PPT	CLASS TEST
iv					
IV	REGIONAL PLANNING AND DEVELOPMENT	GEOH-CCHL-402	UNIT 1- Unit -4- measuring development: Indicator (economic, social and environment); human development.	Lectures, tutorials, PPT	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 I-Field work in geographical studies: Role value, data, and ethics of field work	Lectures, tutorials, PPT	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, PP T	CLASS TEST, ASSIGNMENT
IV	SPATIAL INFORMATION TECHNOLOGY	GEOP-DSCL-406	2. Spatial information/data: web data sources, registration and projection; data structure; data interpolation and modelling	Lectures, tutorials, PP T	SEMINAR
IV	GEOGRAPHICAL INFORMATION SYSTEM	GEOP-SECT-407	1. Gis data structure; types (spatial and non spatial), raster and vector data structure	Lectures, tutorials, PP T	CLASS TEST, ASSIGNMENT
V	REMOTE SENSING AND GIS	GEOH-CCHL-502	UNIT-1- Gis data structure; types (spatial and non spatial), raster and vector data structure	Lectures, tutorials, PP T	SEMINAR, CLASS TEST
V	POPULATION GEOGRAPHY (THEORY)	GEOH-DEJL-503	3. Population dynamic: fertility and mortality (determinant and measures): Migration (causes and consequence)	Lectures, tutorials, PP T	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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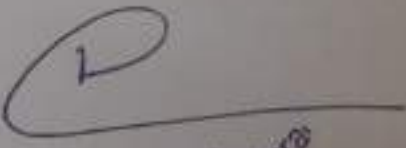
			field based case study a) Flood b) Landslide	tutorials, PPT	
VI	DISASTER MANAGEMENT	GEOH- CCHL-602	1. Definition classification of hazard and disaster; Risk perception and vulnerability assessment	Lectures, tutorials, PPT	SEMINAR, CLASS TEST
VI	SOCIAL AND CULTURAL GEOGRAPHY	GEOH -CCHL- 604	Social geography 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	GEOH-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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Name of the Teacher: DR. RANJITA ROY SARKAR
Name of the Course

Name of the Unit / Topic

Department: GEOGRAPHY

Mode of Continuous Evaluation to be used

Teaching Methods to be Used

Sl. No.	Course Code	Name of the Unit / Topic	Teaching Methods to be Used	Mode of Continuous Evaluation to be used
I	GEO-H-CC-1-01-TH	Unit 1- Earth Internal structure	Lectures, tutorials	Assignment, viva voce class test
I	GEO-H-CC-1-01-TH	Unit 2-Theory of Isostasy (Airy, Pratt, Borne, Hayford, Heiskanen)	Lectures, tutorials	Assignment, viva voce class test
I	GEO-H-CC-1-02-TH	Unit 2-Geomorphic process, Mass wasting	Lectures, tutorials	Assignment, viva voce class test
I	GEO-H-CC-1-02-PR	Unit 1- Topographical Map Interpretation of plateau/mountain area with the help of cross and longitudinal profiles; interpretation of relief profile: superimposed, projected and composite; Slope Analysis (Wentworth's method), Relative relief (Sewell's method); Drainage density and drainage frequency; Truncated chart	Lectures, Practical	Assignment, viva voce class test
I	GEO-P-CC-1-01-TH	UNIT 1- Earth's interior with special reference to seismology	Lectures, tutorials, PPT	CLASS TEST
I	GEO-P-CC-1-01-PR	2. Map Projection: Zenithal (Gnomonic Projection (Polar Case), Cylindrical Equal Area Projection (Equatorial Case), Simple Conical Projection with one standard parallel)	Lectures, tutorials, PPT	CLASS TEST, VIVA
II	GEO-H-CC-2-03-H	Unit 4-Concept of population-resource relationship; Population resource regions of the world (Ackerman)	Lectures, tutorials	Assignment, viva voce class test
II	GEO-H-CC-2-03-H	Unit 1-Diagrammatic data presentation: symbols (isobars, isohyets and isotherms) bar (simple, compound and composite), circles (proportional concentric circle and proportional divided circle)	Lectures, tutorials	Assignment, viva voce class test, TERM PAPER, SEMINAR
II	GEO-H-CC-2-04-PR	UNIT 1-Leveling by Dumpy Level along a given line by rise and fall and collimation method	Lectures, practicals	Assignment, viva voce class test
II	GEO-H-CC-2-04-PR	UNIT 2- Geological Map; Drawing of sections on unclinal and folded structures depicting unconformity.	Lectures, practicals	Assignment, viva voce class test
II	GEO-P-CC-2-02-TH	4. Population-Resource Relationship	Lectures, tutorials, PPT	CLASS TEST
II	GEO-P-CC-2-02-PR	2. Thematic Mapping Techniques: Choropleth, Proportional Circles and Proportional Divided Circles	Lectures, tutorials, PPT	CLASS TEST, ASSIGNMENT
III	GEO-H-CC-3-05-TH	UNIT 1-Atmospheric composition and structure, insolation and temperature: factors and distribution; heat budget, temperature inversion	LECTURES, TUTORIALS	REPORT WRITING, CLASS TEST
III	GEO-H-CC-3-06-TH	UNIT 3. Sampling, purposive, random, systematic and stratified	LECTURES, TUTORIALS	REPORT WRITING, CLASS TEST
III	GEO-H-CC-3-06-PR	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, Mean Deviation, Standard Deviation, Variance and Coefficient of Variation	Lectures, practicals	Assignment, viva voce class test
III	GEO-H-CC-3-07-TH	UNIT 1-Physical Physiographic division, soil, vegetation, climate (characteristics and classification)	Lectures, tutorials, PPT	CLASS TEST, ASSIGNMENT
III	GEO-H-CC-3-07-PR	UNIT 2-Measures of Inequality: Lorenz Curve and Gini's coefficient	Lectures, tutorials, PPT	CLASS TEST

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III	REMOTE SENSING	07-PR GEO-SEC-A-3-01-TH	Coefficient UNIT 1-Remote Sensing: Definition and development, platforms and types, photogrammetry	Lectures, tutorials, PPT	CLASS TEST, ASSIGNMENT
III	REGIONAL DEVELOPMENT (THEORY)	GEO-P-CC-3-03-TH	1. Definition, types of Regional planning. Formal, Functional, and Planning regions 2. Geographical maps: Unifield and folded structures with given dips	Lectures, tutorials, PPT	PROJECT REPORT ON RURAL ISSUE
III	PRACTICALS	GEO-P-CC-3-03-PR		Lectures, tutorials, PPT	CLASS TEST
III	REMOTE SENSING	GEO-SEC-A-3-01-TH	1. Remote Sensing: Definition and development, platforms and types, photogrammetry	Lectures, tutorials, PPT	CLASS TEST, ASSIGNMENT
IV	ECONOMIC GEOGRAPHY	GEO-H-CC-4-08-TH	UNIT 1- 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	GEO-H-CC-4-PR	Representation of state wise variation in occupational structure and work participation rate using proportional circles and proportional divided circles, Kendall's Ranking Co-efficient method (comparison of developed and developing countries)	Lectures, tutorials, PPT	CLASS TEST
IV	REGIONAL PLANNING AND DEVELOPMENT	GEO-H-CC-4-09-TH	UNIT 1-Definition of region, evolution and types of regional planning: formal, functional, and planning regions and regional planning: need for regional planning, types of regional planning	Lectures, tutorials, PPT	CLASS TEST
IV	FIELD WORK AND RESEARCH METHODOLOGY	GEO-H-CC-4-10-TH	UNIT 4-Defining research problems, objectives and hypotheses	Lectures, tutorials, PPT	CLASS TEST, ASSIGNMENT
IV	PRACTICAL (FIELD SURVEY)	GEO-H-CC-4-10-PR	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	GEO-SEC-A-4-02-TH	UNIT 1-Geographical Information System (GIS): Definition and Components	Lectures, tutorials, PPT	CLASS TEST, ASSIGNMENT
IV	SPATIAL INFORMATION TECHNOLOGY	GEO-P-CC-4-04-TH	1. Application of Spatial Information Technology	Lectures, tutorials, PPT	SEMINAR
IV	PRACTICALS	GEO-P-CC-4-04-PR	2. Statistical techniques: Measures of central tendency and measures of dispersion.	Lectures, tutorials, PPT	CLASS TEST
IV	GEOGRAPHICAL INFORMATION SYSTEM	GEO-SEC-A-4-02-TH	1. Geographical Information System (GIS): Definition and Components	Lectures, tutorials, PPT	CLASS TEST, ASSIGNMENT
V	REMOTE SENSING AND GIS	GEO-H-CC-5-12-TH	UNIT 1-Remote Sensing and GIS: Definition and components, development, platforms and types	Lectures, tutorials, PPT	SEMINAR, CLASS TEST
V	POPULATION GEOGRAPHY (THEORY)	GEO-H-DSF-5-01-TH	UNIT 1- Defining the field: Nature and scope, sources of data with special reference to India (Census, Vital Statistics and NSSO)	Lectures, tutorials, PPT	SEMINAR, CLASS TEST

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V	POPULATION GEOGRAPHY (PRACTICAL)	GEO-H-DSE-5-01-PR	<p>IBV/AIDS</p> <ol style="list-style-type: none"> 1. Population projection by arithmetic method, Population density mapping for India. 2. Analysis of work participation rate. Total and gender-wise for India. Analysis of occupation structure by dominant and destructive functions for West Bengal. 3. Disasters in India (b) earthquake and tsunami causes, impact, distribution and mapping, cyclone causes, impact, distribution and mapping. 1. Project report based on any one field based case study among the following disasters: <ul style="list-style-type: none"> a) Flood b) Landslide 3. Modern evolution of geographical thinking in Germany, France, Britain, United States of America. 4. Debates: Environmental Determinism and Possibilism 	Lectures, tutorials, PPT	CLASS TEST
V	DISASTER MANAGEMENT	GEO-P-DSE-5-01-TII	<ol style="list-style-type: none"> 1. Project report based on any one field based case study among the following disasters: <ul style="list-style-type: none"> a) Flood b) Landslide 3. Modern evolution of geographical thinking in Germany, France, Britain, United States of America. 4. Debates: Environmental Determinism and Possibilism 	Lectures, tutorials, PPT	CLASS TEST
V	PRACTICALS	GEO-P-DSE-5-01-PR	<ol style="list-style-type: none"> 1. Project report based on any one field based case study among the following disasters: <ul style="list-style-type: none"> a) Flood b) Landslide 3. Modern evolution of geographical thinking in Germany, France, Britain, United States of America. 4. Debates: Environmental Determinism and Possibilism 	Lectures, tutorials, PPT	PROJECT REPORT
VI	EVOLUTION OF GEOGRAPHICAL THOUGHTS	GEO-H-CC-6-13-TII	<ol style="list-style-type: none"> 1. Quantitative techniques in geography: Chi square, standard score 3. Factors, consequences and management of earthquake, flood, riverbank erosion, landslide. 4. Human induced disaster: Fire hazard, industrial accidents <p>Project report based on any one field based case study from the following disaster will be prepared:</p> <ol style="list-style-type: none"> a) Flood b) Landslide c) Earthquake 	Lectures, tutorials, PPT	SEMINAR, CLASS TEST
VI	PRACTICALS	GEO-H-CC-6-13-PR	<ol style="list-style-type: none"> 1. Quantitative techniques in geography: Chi square, standard score 3. Factors, consequences and management of earthquake, flood, riverbank erosion, landslide. 4. Human induced disaster: Fire hazard, industrial accidents <p>Project report based on any one field based case study from the following disaster will be prepared:</p> <ol style="list-style-type: none"> a) Flood b) Landslide c) Earthquake 	Lectures, tutorials, PPT	SEMINAR, CLASS TEST
VI	DISASTERMANAGEMENT	GEO-H-CC-6-14-TII	<ol style="list-style-type: none"> 1. Quantitative techniques in geography: Chi square, standard score 3. Factors, consequences and management of earthquake, flood, riverbank erosion, landslide. 4. Human induced disaster: Fire hazard, industrial accidents <p>Project report based on any one field based case study from the following disaster will be prepared:</p> <ol style="list-style-type: none"> a) Flood b) Landslide c) Earthquake 	Lectures, tutorials, PPT	SEMINAR, CLASS TEST
VI	PRACTICALS	GEO-H-CC-6-14-PR	<ol style="list-style-type: none"> 1. Quantitative techniques in geography: Chi square, standard score 3. Factors, consequences and management of earthquake, flood, riverbank erosion, landslide. 4. Human induced disaster: Fire hazard, industrial accidents <p>Project report based on any one field based case study from the following disaster will be prepared:</p> <ol style="list-style-type: none"> a) Flood b) Landslide c) Earthquake 	Lectures, tutorials, PPT	PROJECT REPORT
VI	RURAL DEVELOPMENT	GEO-P-DSE-6-02-TII	<ol style="list-style-type: none"> 4. Target Group Approach to Rural Development: SISV, MNREGA, Jan Dhan Yojana 	Lectures, tutorials, PPT	SEMINAR
VI	PRACTICALS	GEO-P-DSE-6-02-PR	<ol style="list-style-type: none"> 1. A case study on socio economic status of the people at any one of the following level: <ul style="list-style-type: none"> a) Mouza level b) Village level 	Lectures, tutorials, PPT	PROJECT REPORT

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CURRICULUM DELIVERY (Academic Session: 2020-21)

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	UnitII-Identification of rocks and minerals: Granite, Basalt, Limestone, Shale, Sandstone, Phyllites, Slates, Marble, Schiest, Quartzite, Bauxite, Chalcopyrite, Calcite, Feldsper, 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	UnitI- 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-II-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-II-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-II-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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	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	1. 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

Susmita Mandal

(Signature)

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CURRICULUM DELIVERY (Academic Session: 2020-21)

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	Mode of Continuous Evaluation to be used
1	GEOTECTONICS (THEORY)	DSC-1-01-TH	Folds, Faults, Plate Tectonics,	ICT	Online test
	GEOTECTONICS (PRACTICAL)	DSC-1-01-PR	Map Projections- Gnomonic, Zenithal EA, Zenithal ED.	ICT	Viva, assignment
2	SETTLEMENT GEOGRAPHY (THEORY)	CC-2-04-TH	Theories of urban land use	ICT	Online test
	PRACTICAL	CC-2-03-PR	Choropleth, Chorochromatic, Dot and spheres, Proportional Cubes	ICT	Viva, assignment
3	CLIMATOLOGY - THEORY	DSC 3-05-TH	Cylones, extra-tropical cyclones	ICT	Online test
	STATISTICAL METHODS	DSC-3-06-TH	Data , Scales of Measurement	ICT	Online test
	PRACTICALS	DSC-3-06-PR	Correlation, Regression	ICT	Viva, assignment
4	ECONOMIC GEOGRAPHY	CC4-08-TH	Secondary activities	ICT	Online test
	PRACTICALS	CC4-08-PR	Transport network analysis	ICT	Assignment
	REGIONAL PLANNING	CC-4-09-TH	Regional Planning, Agro-Ecological Zones	ICT	Assignment
	FIELD WORK AND RESEARCH METH.	CC-4-10-TH	Field Techniques	ICT	Online Test
	GIS	SEC-A-4-02-TH	Application of GIS	ICT	Online Test
5	ENVIRONMENTAL GEOGRAPHY	DSC-5-11-TH	Envt geo, Biomes	ICT	Assignment
	REMOTE SENSING AND GIS	DSC-5-12-TH	Remote sensing , Aerial Photography	ICT	Online Test
	PRACTICALS	DSC-5-12-PRC	Aerial Photo Interpretation	ICT	Online Test
6	ADVANCED CARTOGRAPHY	DSC-6-03-TH	ENTIRE PAPER	ICT	Assignment
	ADVANCED CARTOGRAPHY-practicals	DSC-6-03-PR	ENTIRE PAPER	ICT	Assignment



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	GEOTECTONICS (PRACTICAL)	DSC-1-01-PR	Map Projections- Gnomonic, Zenithal EA, Zenithal ED.	ICT	Viva, assignment
2	SETTLEMENT GEOGRAPHY (THEORY)	CC-2-04-TH	Theories of urban land use	ICT	Online test
	PRACTICAL	CC-2-03-PR	Choropleth, Chorochromatic, Dot and spheres, Proportional Cubes	ICT	Viva, assignment
3	CLIMATOLOGY - THEORY	DSC-3-05-TH	Cyclones, extra-tropical cyclones	ICT	Online test
	STATISTICAL METHODS	DSC-3-06-TH	Data, Scales of Measurement	ICT	Online test
	PRACTICALS	DSC-3-06-PR	Correlation, Regression	ICT	Viva, assignment
4	ECONOMIC GEOGRAPHY	CC4-08-TH	Secondary activities	ICT	Online test
	PRACTICALS	CC4-08-PR	Transport network analysis	ICT	Assignment
	REGIONAL PLANNING	CC-4-09-TH	Regional Planning, Agro-Ecological Zones	ICT	Assignment
	FIELD WORK AND RESEARCH METH.	CC-4-10-TH	Field Techniques	ICT	Online Test
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