

Semester	Session	Course and paper Name	Unit	Teachers	Methodology
I	2020-21	Physical Geography GGY-RC-1016 (Theory)	1. Physical Geography–Definition and Scope, Components of Earth System.	Manash Jyoti Bhuyan	Lecture, notes
			2. Atmosphere – Composition and the vertical structure, Heat Balance, Global Circulation Pattern, Monsoon, Koppen’s Climatic Classification.	Dr. Smarajit Ojah, Manash Jyoti Bhuyan, Dr. Nilotpal Kalita	Lecture, notes
			3. Lithosphere–Internal Structure of Earth based on Seismic Evidence	Dr. Nazneen Akhter	Lecture, notes
			4. EndogeneticandExogeneticprocesses,WorksofRiver,FluvialCycleofErosion–Davis	Dr. Dibyajyoti Saikia,Manash Jyoti Bhuyan, Dr. Nilotpal Kalita	Lecture, notes
		(Practical)	1. Relief representation from the topographical sheet (v-shaped valley, u-shaped valley, conical hill, cliff, uniform slope).	Dr. Nilotpal Kalita, Dr. Nazneen Akhter	Lecture, notes, assignment
			2. Profile Drawing (Serial and super imposed).	Dr. Dibyajyoti Saikia	Lecture, notes
			3. Rainfall-Temperature Graph, Climograph and Hythergraph	Manash Jyoti Bhuyan	Lecture, notes
II	2020-21	Human Geography GGY-HG-2036	1. Fieldofhumangeography:meaning,scopeandimportance.	Dr. Dibyajyoti Saikia	Lecture, notes
			2. Concepts of man-environmentrelationship: Determinism andPossibilism	Dr. Nazneen Akhter	Lecture, notes
			3. Impact of environment on man; impact of man on environment; population growth and environmental changes; house types in different environmental conditions	Nizam Uddin Ahmed	Lecture, notes, power point,
			4. Global patterns of racial, religious and linguistic composition of population.	Manash Jyoti Bhuyan	Lecture, notes
			5. Origin, growth and characteristics of rural and urban settlements; Patterns of rural settlements; Patterns of urbanization in India and N.E. India.	Dr. Nilotpal Kalita Dr. Smarajit Ojah	Lecture, notes test
		(Practical)	1. Traditional house types of selected ethnic groups of North-East India.	Dr. Dibyajyoti Saikia	Lecture, notes
			2. Trend of population growth in the world in relation to five most populous countries of the world using line graph.	Nizam Uddin Ahmed	Lecture, notes
			3. Religious composition of population in the world and three most populous countries of the world using pie-graph.	Dr. Nazneen Akhter	Lecture, notes

			4. Spatial patterns of urban population in Assam and N.E. India at state level through choropleth map.	Manash Jyoti Bhuyan	Lecture, notes
			5. Drawing of major rural settlement types/patterns; Morphological diagram of a village and a town (preferably based on student's own village and town).	Dr. Smarajit Ojah Dr. Nilotpal Kalita	Lecture, notes, assignment
		Human Geography GGY-RC-2016	1. Field of human geography: meaning, scope and importance.	Dr. Dibyajyoti Saikia	Lecture, notes
			2. Concepts of man-environment relationship: Determinism and Possibilism	Dr. Nazneen Akhter	Lecture, notes
			3. Impact of environment on man; impact of man on environment; population growth and environmental changes; house types in different environmental conditions	Nizam Uddin Ahmed	Lecture, notes
			4. Global patterns of racial, religious and linguistic composition of population.	Manash Jyoti Bhuyan	Lecture, notes, quiz
			5. Origin, growth and characteristics of rural and urban settlements; Patterns of rural settlements; Patterns of urbanization in India and N.E. India.	Dr. Nilotpal Kalita	Lecture, notes
		practical	1. Traditional house types of selected ethnic groups of North-East India.	Dr. Dibyajyoti Saikia	Lecture, notes
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			3. Religious composition of population in the world and three most populous countries of the world using pie-graph.	Dr. Nilotpal K	Lecture, notes, assignment
			4. Spatial patterns of urban population in Assam and N.E. India at state level through choropleth map.	Manash Jyoti Bhuyan	Lecture, notes
			5. Drawing of major rural settlement types/patterns; Morphological diagram of a village and a town (preferably based on student's own village and town).	Dr. Smarajit Ojah Dr. Nilotpal Kalita	Lecture, notes
III	2020-21	Economic Geography GGY-HG-3066	1. Meaning and scope of Economic Geography.	Dr. Dibya Jyoti Saikia	Lecture, notes
			2. Economic activity: meaning and classification; Production system: Role of land, labour and capital; Resource: Concept and classification	Nizam Uddin Ahmed	Lecture, notes, quiz
			3. Agriculture: Factors influencing agriculture; types of agriculture;	Manash Jyoti Bhuyan	Lecture, notes, power

			Factors influencing cultivation of wheat, rice and tea, and their distribution and production in the world		point
			4. Manufacturing: Factors influencing industrial location; types of industry; Factors, distribution and production of iron and steel and cotton textile industry in the world.	Dr. Nazneen Akhter	Lecture, notes
			5. Transport system: Modes of transport, factors influencing transport development and role of transport in resource mobilization and industrial development.	Dr. Smarajit Ojah	Lecture, notes
			6. Trade: Factors influencing trade; Trade relations of India with the countries like Bhutan, Nepal and Bangladesh	Dr. Nilotpal Kalita	Lecture, notes
		Practical	1. Trend of rice, wheat and iron & steel production in the world/India since 1960 using moving average method.	Dr. Dibya Jyoti Saikia Nizam Uddin Ahmed	Lecture, notes, power point
			2. Trend of production of wheat, rice, maize and barley in the world/India since 1960 using Band-graph.	Manash Jyoti Bhuyan	Lecture, notes
			3. Trend of balance of trade relations (export and import value) of India with Bangladesh, Nepal and Bhutan in respect of major commodities since 1990 using Bar-graph.	Dr. Nazneen Akhter	Lecture, notes
			4. Regional variation in fertilizer consumption and agricultural productivity in rice, wheat and barley in selected countries of the world using Bar-graph	Dr. Smarajit Ojah	Lecture, notes
			5. Inter-state and Inter-nation volume of movement of selected commodities through flow cartogram.	Dr. Nilotpal kalita	Lecture, notes
		Economic Geography GGY-RC-3066	1. Meaning and scope of Economic Geography.	Dr. Dibya Jyoti Saikia	Lecture, notes
			2. Economic activity: meaning and classification; Production system: Role of land, labour and capital; Resource: Concept and classification	Nizam Uddin Ahmed	Lecture, notes, power point
			3. Agriculture: Factors influencing agriculture; types of agriculture; Factors influencing cultivation of wheat, rice and tea, and their distribution and production in the world	Manash Jyoti Bhuyan	Lecture, notes
			4. Manufacturing: Factors influencing industrial location; types of industry; Factors, distribution and production of iron and steel and cotton textile industry in the world.	Dr. Nazneen Akhter	Lecture, notes, test

			5. Transport system: Modes of transport, factors influencing transport development and role of transport in resource mobilization and industrial development.	Dr. Smarajit Ojah	Lecture, notes
			6. Trade: Factors influencing trade; Trade relations of India with the countries like Bhutan, Nepal and Bangladesh	Dr. Nilotpal Kalita	Lecture, notes
		Practical	7. Trend of rice, wheat and iron & steel production in the world/India since 1960 using moving average method.	Dr. Dibya Jyoti Saikia Nizam Uddin Ahmed	Lecture, notes
			8. Trend of production of wheat, rice, maize and barley in the world/India since 1960 using Band-graph.	Manash Jyoti Bhuyan	Lecture, notes
			9. Trend of balance of trade relations (export and import value) of India with Bangladesh, Nepal and Bhutan in respect of major commodities since 1990 using Bar-graph.	Dr. Nazneen Akhter	Lecture, notes, assignment
			10. Regional variation in fertilizer consumption and agricultural productivity in rice, wheat and barley in selected countries of the world using Bar-graph	Dr. Smarajit Ojah	Lecture, notes
			11. Inter-state and Inter-nation volume of movement of selected commodities through flow cartogram.	Dr. Nilotpal kalita	Lecture, notes
		Thematic Cartography GGY-SE-3034	1. Thematic cartography: Meaning and importance	Nizam Uddin Ahmed Dr. Dibya Jyoti Saikia	Lecture, notes
			2. Thematic Mapping: Principles and techniques of representation of physical and human geographic data (point, line, polygon).	Dr. Nazneen Akhter	Lecture, notes
			3. Concepts and principles of cartographic overlay and mapping	Manash Jyoti Bhuyan	Lecture, notes, test
			4. Concept of base map; Types of thematic map; map reading; map design, layout and typography	Dr. Smarajit Ojah	Lecture, notes
			5. Techniques of interpretation of Topographical maps, satellite imageries and aerial photographs for thematic mapping	Dr. Nilotpal Kalita	Lecture, notes, power points
		Practical	1. Preparation of an administrative/physical map of India containing necessary map elements using appropriate typography.	Nizam Uddin Ahmed Dr. Dibya Jyoti Saikia	Lecture, notes
			2. Preparation of thematic maps for representing human geographic data using choropleth, isopleth, dot, sphere and proportionate circle techniques	Dr. Smarajit Ojah Dr. Nazneen Akhter	Lecture, notes

			3. Interpretation of topographical maps for preparation of thematic maps through overlay method (taking point, line and area layers) to show relationship between relief and agriculture; and relief, drainage and settlements	Manash Jyoti Bhuyan	Lecture, notes
			4. Locational accessibility mapping based on travel time through isochronic cartogram.	Dr. Nilotpal Kalita	Lecture, notes
			5. Preparation of land use/land cover map through visual interpretation of satellite imagery using appropriate classification scheme	Dr. Nilotpal Kalita	Lecture, notes, power point
IV	2020-21	Population and Settlement Geography GGY-HG-4076	1. Defining the field of population geography: meaning and scope; its relation with demography.	Dr. Dibya Jyoti Saikia	Lecture, notes
			2. Sources of population data; perspectives on Census of India publications – Primary Census Abstract, District Census Hand-Book, Sample Registration System, etc	Dr. Nilotpal Kalita	Lecture, notes
			3. Distribution and density of population: Factors influencing population distribution and density; global pattern of population distribution	Dr. Dibya Jyoti Saikia	Lecture, notes
			4. Population Growth: Trend of global population growth; components of population growth– fertility, mortality and migration; push and pull factors of migration; spatial variations in population growth in the world	Dr. Nazneen Akhter	Lecture, notes
			5. Theories of population growth: Malthusian Theory and Demographic Transition Theory	Nizam Uddin Ahmed	Lecture, notes
			6. Population composition and associated characteristic patterns in global contexts: Age-Sex Composition; Rural-Urban Composition; Population ageing	Manash Jyoti Bhuyan Dr. Smarajit Ojah	Lecture, notes
		Unit II: Settlement Geography	1. Defining the field of settlement of geography: Meaning and scope	Nizam Uddin Ahmed Dr. Smarajit Ojah	Lecture, notes
			2. Rural and urban settlements: Factors influencing distribution pattern of settlements; Types of rural settlements; Morphology and Characteristics of rural and urban settlements.	Dr. Dibya Jyoti Saikia	Lecture, notes
			3. Concept of settlement hierarchy and urban fringe; Christaller's Central Place Theory.	Manash Jyoti Bhuyan	Lecture, notes
		Practical	1. Trend of population growth in Assam/N.E. India through line graph; Calculation and graphical representation of trend of decadal growth rates of population in Assam/N.E. India/India.	Nizam Uddin Ahmed Dr. Smarajit Ojah	Lecture, notes
			2. Choropleth map to show spatial pattern of decadal variation in	Dr. Dibya Jyoti Saikia	Lecture, notes

			population growth in Assam/N.E. India/India.		
			3. Choropleth map showing spatial pattern of population density in Assam/India. (1 Exercise)	Dr. Dibya Jyoti Saikia	Lecture, notes
			4. Map showing spatial variation in social/religious/rural-urban composition of population in Assam/N.E. India using pie-graph.	Dr. Nilotpal Kalita	Lecture, notes
			5. Choropleth map showing spatial pattern of level of urbanization in Assam/N.E. India.	Manash Jyoti Bhuyan	Lecture, notes
			6. Flow cartogram showing direction and volume of migration into Assam/N.E. India from different parts of India.	Manash Jyoti Bhuyan	Lecture, notes
			7. Map showing distribution of towns and their varied population size with spheres in Assam/N.E. India.	Dr. Nazneen Akhter	Lecture, notes
		Geography of India with Reference N.E. India GGY-RC-4016	1. India's location and its significance; administrative divisions	Dr. Dibya Jyoti Saikia	Lecture, notes
			2. Physical setting: Major Physiographic Regions and their Characteristics; Drainage System (Himalayan and Peninsular).	Dr. Dibya Jyoti Saikia	Lecture, notes
			3. Climate: Seasonal Weather Characteristics; Climatic Divisions; Indian Monsoon(mechanism and characteristics).	Dr. Nazneen Akhter	Lecture, notes
			4. Population Growth and distribution; Characteristics and Composition of population(rural-urban, age, sex, occupational, literacy and religious), Population Policies of India	Nizam uaddin Ahmed	Lecture, notes
			5. Agriculture: Environmental, Technological and Institutional Factors affecting Indian Agriculture; Distribution and Production of Rice, Wheat and Tea; Agro Climatic Zones; Food Security.	Manash Jyoti Bhuyan	Lecture, notes, test
			6. Distribution and characteristics/potential of Natural Resources: Soil, Vegetation, Water, Mineral Resources (Coal, Petroleum and Iron ore)	Dr. Smarajit Ojah	Lecture, notes
			7. Factors influencing Industrial development in the country; Industrial Regions and their characteristics; Industrial Policies in India; Distribution and production patterns of iron and steel and cotton textile	Dr. Nilotpal Kalita	Lecture, notes
			8. North-East India: Land of seven sisters and its locational significance; physiographic framework; forest cover;	Dr. Dibya Jyoti Saikia	Lecture, notes, quiz

			agricultural practices including shifting cultivation; industrial development scenario; population growth pattern.		
		Practical	1. Trend of population growth and growth rates in India and N.E. India/Assam since 1901 using Census of India data	Dr. Nilotpal Kalita	Lecture, notes
			2. Choropleth mapping to show spatial variation in decennial population growth rate in India/N E India/Assam.	Dr. Dibyajyoti Saikia	Lecture, notes
			3. Spatial variation in the patterns of religious composition of population in India and Social composition of population (SC, ST and General) in N.E. India using pie-graph	Manash Jyoti Bhuyan	Lecture, notes
			4. Trend of food grains production (rice, wheat, maize, barley, jowar and bajra) in India since 1950-51 using band-graph	Dr. Nazneen Akhter	Lecture, notes, test
			5. Map showing distribution of major tribal groups in North-East India	Dr. Dibyajyoti Saikia	Lecture, notes
		Unit 2: Field Report	6. Preparation of field report based on field study through observational knowledge about the geographical personality of any part of India/N.E. India/Assam under the guidance of teacher(s)	All Teachers	Lecture, notes
		Surveying Techniques GGY-SE-4024	1. Surveying: Its meaning, types and significance in geography	Dr. Dibya Jyoti Saikia	Lecture, notes
			2. Principles of surveying: plane and geodetic surveying; Principles of triangulation.	Nizam Uddin Ahmed	Lecture, notes
			3. Techniques of surveying by Plane Table, Prismatic Compass, Theodolite and Dumpy Level	Manash Jyoti Bhuyan	Lecture, notes
			4. Methods of radiation, intersection, traversing, contouring and leveling in surveying.	Dr. Nazneen Akhter	Lecture, notes
			5. GPS: Basic concept, principles and utilities; surveying by Total Station.	Dr. Nilotpal Kalita	Lecture, notes
		Practical	1. Preparation of a plan or a map of an area within the college campus or any suitable area using Plane Table (applying both radiation and intersection methods)	Dr. Dibya Jyoti Saikia	Lecture, notes
			2. Open and Closed Traverse Surveying with Prismatic Compass: Preparation of plan alongwith adjustment of closing errors	Dr. Nazneen Akhter Manash Jyoti Bhuyan	Lecture, notes
			3. Closed Traverse Surveying with Theodolite: Plotting of data for preparation of a plan through computation of Reduced Bearing, Consecutive Co-ordinates and Independent Co-ordinates; Measurement of height of object/objects using Theodolite	Manash Jyoti Bhuyan Dr. Nilotpal Kalita	Lecture, notes

			4. Profile levelling and contouring in a selected area by Dumpy Level	Dr. Nazneen Akhter	Lecture, notes
			5. Preparing a map of a short trail along with prominent features by using hand-held GPS and associated software/freeware	Dr. Nilotpal Kalita	Lecture, notes, quiz
V	2020-21	Environmental Geography and Disaster Management GGY-RE-5016	1. Environmental Geography: Nature, Scope and Significance	Dr. Dibya Jyoti Saikia	Lecture, notes
			2. Human-Environment Relationships – Historical progression; Adaptation in different Biomes.	Dr. Nazneen Akhter	Lecture, notes
			3. Major Global Environmental Problems: Pollution, Deforestation, Desertification, Global Warming and Bio-Depletion	Dr. Dibyajyoti Saikia	Lecture, notes, assignment
			4. Meaning of Hazard, Disaster, Risk and Vulnerability; Types of hazard/disaster (Natural and Manmade).	Nizam Uddin Ahmed	Lecture, notes
			5. Disaster Management Cycle and Phases: Prevention, Preparedness, Response, Rehabilitation, Reconstruction and Mitigation	Manash Jyoti Bhuyan	Lecture, notes
			6. Major Hazards and Disasters, and their Management: Flood, Earthquake, Wildfire, and Chemical and Nuclear explosions	Dr. Nilotpal Kalita	Lecture, notes
			7. National Environmental Policy and National Disaster Management Plan: Environmental Protection Act 1986 and Disaster Management Act 2005	Dr. Smarajit Ojah	Lecture, notes
		Practical	1. Exploring satellite imageries and toposheets to observe bank line change of the Brahmaputra river from any selected stretch in three different time periods and preparation of map therefrom.	Dr. Nilotpal Kalita	Lecture, notes
			2. Mapping of major wetlands in a district and computation of shape and size (area) for their classification	Dr. Dibya Jyoti Saikia	Lecture, notes, assignment
			3. Preparation of a map of a nearby wetland and to identify the changes in dimension, water level and encroachment it faced during the last one decade. Presentation of data in tabular form along with the map (field-based).	Nizam Uddin Ahmed	Lecture, notes
			4. Preparation of a long-term precipitation time series curve for any selected station of N.E. India using moving average method by downloading the annual rainfall data for any district/station of Assam for at least 30 years from the	Dr. Nazneen Ahmed	Lecture, notes

			portal. https://www.indiawaterportal.org/met_data/ .		
			5. Drawing of a diagram of disaster management cycle with reference to some disasters(flood and earthquake) in North-East India and to indicate the activities associated with each step.	Dr. Smarajit Ojah	Lecture, notes
			6. Drawing of a map of Assam showing the major fault lines thereon. Also to plot atleast 50 epicentres in last few years and to explain the areas of their concentration with the help of Bhookamp app	Manash Jyoti Bhuyan	Lecture, notes
			7. Preparation of a disaster vulnerability map of Assam/ N.E. India based on data of natural disasters (Flood/earthquake/landslide/bank erosion) with respect to their occurrence and frequency in different areas.	Manash Jyoti Bhuyan	Lecture, notes
		Population and Settlement Geography GGY-RE-5036 Unit 1: Population geography	1. Defining the field of population geography: meaning and scope; its relation with demography.	Dr. Dibya Jyoti Saikia	Lecture, notes
			2. Sources of population data; Perspectives on Census of India publications – Primary Census Abstract, District Census Hand-Book, Sample Registration System, etc.	Dr. Smarajit Ojah	Lecture, notes
			3. Distribution and density of population: Factors influencing population distribution and density; global pattern of population distribution	Dr. Nazneen Akhter	Lecture, notes
			4. Population Growth: Trend of global population growth; components of population growth–fertility, mortality and migration; push and pull factors of migration; spatial variations in population growth in the world.	Dr. Dibya Jyoti Saikia	Lecture, notes
			5. Theories of population growth: Malthusian Theory and Demographic Transition Theory	Nizam Uddin Ahmed	Lecture, notes
			6. Population composition and associated characteristic patterns in global contexts: Age-Sex Composition; Rural-Urban Composition; Population ageing.	Manash Jyoti Bhuyan	Lecture, notes
		Unit 2: Settlement Geography		Dr. Nilotpal Kalita	Lecture, notes
				Dr. Dibya Jyoti Saikia	Lecture, notes
				Dr. Nilotpal Kalita	Lecture, notes

		Practical	1. Trend of population growth in Assam/N.E. India through line graph; Calculation and graphical representation of trend of decadal growth rates of population in Assam/N.E.India/India.	Dr. Nazneen Akhter	Lecture, notes
			2. Choropleth map to show spatial pattern of decadal variation in population growth in Assam/N.E. India/India	Dr.Dibya Jyoti Saikia	Lecture, notes, video and films
			3. Choropleth map showing spatial pattern of population density in Assam/India.	Dr.Dibya Jyoti Saikia	Lecture, notes
			4. Map showing spatial variation in social/religious/rural-urban composition of population in Assam/N.E. India using pie-graph	Nizam Uddin Ahmed	Lecture, notes
			5. Choropleth map showing spatial pattern of level of urbanization in Assam/N.E. India	Dr. Smarajit Ojah	Lecture, notes
			6. Flow cartogram showing direction and volume of migration into Assam/N.E. India from different parts of India.	Dr. Nilotpal Kalita	Lecture, notes
			7. Map showing distribution of towns and their varied population size with spheres in Assam/N.E. India.	Manash Jyoti Bhuyan	Lecture, notes
		Geography of Tourism GGY-SE-5054	1. Geography of Tourism: Nature and scope; Concepts and issues of tourism; Recreation and leisure inter-relations; Robinson's geographical parameters of tourism	Dr.Nilotpal Kalita	Lecture, notes, assignment
			2. Factors and types of tourism: Nature tourism, Cultural tourism, Medical tourism, Adventure tourism, Pilgrimage, etc	Manash Jyoti Bhuyan	Lecture, notes
			3. Recent Trends in tourism: International and Domestic (India); Eco-Tourism, Sustainable Tourism.	Dr. Dibya Jyoti Saikia	Lecture, notes
			4. Impact of tourism on economy, environment and society	Dr. Dibya Jyoti Saikia	Lecture, notes
			5. Tourism development in India: Tourism infrastructures; Case studies of tourism development in Himalaya, Desert and North-East India with special reference to Assam; National tourism policies and prospects	Dr. Nazneen Akhter	Lecture, notes
		practical	1. Trend of growth of tourist arrivals in the world/India/Assam since 1960 using Moving average method and least squares method	Dr. Nazneen Akhter	Lecture, notes
			2. Trend of tourist arrivals in the north-eastern states of India and few top ranking tourist arriving states of India since 1980 using Band-graph.	Manash Jyoti Bhuyan	Lecture, notes
			3. Line Graph showing pattern of tourist arrival (Domestic and International) in relation to rainfall and temperature	Dr. Dibya Jyoti Saikia	Lecture, notes, assignment

			in a year for selected tourist spots of North-East India / Assam.		
			4. Spatial Patterns of Seasonal variation (Spring, Summer, Autumn and Winter) in tourist arrival in capital cities of North-East Indian States using Pie diagram and Bar Diagram.	Dr. Nazneen Akhter	Lecture, notes
			5. Preparation of a transport connectivity (road, railway and air) map of Assam and North-East India for major tourist destinations.	Dr. Nilotpal kalita	Lecture, notes
			6. Preparation of a tourist map of North-East India showing locations of important national parks and wildlife sanctuaries from tourism potential perspectives (indicating the major highlights of the respective destinations including distance from Guwahati city within box).	Manash Jyoti Bhuyan	Lecture, notes
			7. Preparation of a tourist guide map of North-East India showing location of major tourist destinations and road connectivity routes from Guwahati city.	Dr. Nilotpal Kalita	Lecture, notes,
VI	2020-21	Social and Political Geography GGY-RE-6016 Unit 1: Social Geography	1. Social Geography: Meaning, Scope and approaches of study	Dr. Dibya Jyoti Saikia	Lecture, notes
			2. Concept and types of social space and social groups	Manash Jyoti Bhuyan	Lecture, notes
			3. Social Well-being: Concept and components: Housing, health and education; Concept of human development and its measurements	Dr. Nazneen Akhter	Lecture, notes
			4. Contribution of race, religion, language and ethnicity in promoting diversity in India.	Nizam Uddin Ahmed	Lecture, notes
			5. Social geographies of inclusion and exclusion: Basic concept and characteristics of caste system, slums, social crime and gender identity	Dr. Nilotpal Kalita Dr. Smarajit Ojah	Lecture, notes
		Unit 2: Political Geography	1. Political Geography: Nature, scope and approaches to its study.	Manash Jyoti Bhuyan	Lecture, notes
			2. Concept of state, nation, and nation-state; Attributes of state.	Dr. Nazneen Akhter	Lecture, notes
			3. Concept of frontiers and boundaries; boundary problems with reference to India and North-East India; Concept of buffer zones.	Nizam Uddin Ahmed	Lecture, notes, power point
			4. Concept of Geopolitics; Mackinder's Heartland Theory.		Lecture, notes
		practical	1. Mapping the patterns of human	Dr. Dibya Jyoti Saikia	Lecture, notes

			development in India and Assam using HDI		
			2. Construction of Ternary diagram representing social composition of population in India/North- East India	Manash Jyoti Bhuyan	Lecture, notes
			3. Sex disparity in literacy in India /North-East India using a simple Index.	Dr. Nilotpal Kalita	Lecture, notes
			4. Computation of Shape Index for selected states and countries	Dr. Nazneen Akhter	Lecture, notes
			5. Construction of a map of India/North-East India highlighting the major inter-state boundary conflict zones.	Dr. Smarajit Ojah	Lecture, notes, assignment
			6. Reorganization of states of North-East India during Pre and Post Independence periods(up to the present).	Nizam Uddin Ahmed	Lecture, notes