

Preview file of Teaching Plan Academic Session: 2025-26

**Department of Geography
Jagannath Barooah College, Jorhat**

Name of the Teacher: GAURAB BORTHAKUR

Semester: UG and PG-ODD & EVEN

UNDER GRADUATE								
Class/ Semester	Title & Code of The Paper Allotted (Credit)	Method of Teaching	Teaching Material	Unit	Topic	Period/ Hours Required	Details of the Contents	Remarks / Books
Sem I (Odd)	Map Study Skill Enhancement Course (Credit-3)	Lecture, PPT, Demo and Discussion	Textbook, Diagrams, Models	III	Map representation	14	Definition, concept and types of map projection; design, scale, index symbols etc.; choropleth and isopleth.	Practical Geography, L. R Singh
Sem II (Even)	Human Geography (GGRMJ022) (Credit-04)	Lecture, PPT, Discussion	Textbook, Diagrams, Models	IV	Geography of Settlement	14	Origin, characteristics and types of settlement; urban settlement and urbanization in India	Human Geography, Majid Hussain
	Human Geography (GGRMI022) (Credit-04)	Lecture, PPT, Discussion	Textbook, Diagrams, Models	IV	Geography of Settlement	14	Origin, characteristics and types of settlement; urban settlement and urbanization in India	
	Map Study Skill Enhancement Course (Credit-3)	Lecture, PPT, Demo and Discussion	Textbook, Diagrams, Models	III	Map representation	14	Definition, concept and types of map projection; design, scale, index symbols etc.; choropleth and isopleth.	Fundamentals of Practical Geography, Dr. L.R. Singh
Sem III (Odd)	Physical Geography I (Geomorphology + Oceanography (GGRMJ031) (Credit-4)	Lecture, PPT, Class Demos	Textbook, Diagrams, Models	IV	Introduction to Oceanography	14	Oceanography: Meaning, Nature, Scope and relief, salinity and temperatures of oceans; ocean currents of pacific, Atlantic and Indian ocean; Tides: types, causes and affect	Geomorphology, Savindar Singh, P. Dayal Environmental Geography, Savindar Singh
	Environmental geography (GGRMJ032) (Credit-4)	Lecture, PPT, Class Demos	Textbook, Diagrams, Models	V	Policies and Programs for environmental conservation	14	Sustainable development and environmental management; protection and conservation of different environmental components; environmental movement in global	

Sem III (Odd)	Map Study Skill Enhancement Course (Credit-3)	Lecture, PPT, Class Demos	Textbook, Diagrams, Models	III	Map representation	14	context, sustainable development policies in India. Definition, concept and types of map projection; design, scale, index symbols etc.; choropleth and isopleth	
Sem IV (Even)	Population Geography (GGRMJ 041) (Credit-4)	Lecture, PPT, Seminar	Textbook, Diagrams, Models	II	Population growth and demographic dynamics	12	Components of population change and their determinants; measures of population change; Literacy: its determinants, patterns and population dynamics in India.	Population Geography, R.C. Chandna
	Population Geography (GGRMI 041) (Credit-4)	Lecture, PPT, Seminar	Textbook, Diagrams, Models	II	Population growth and demographic dynamics	12	Components of population change and their determinants; measures of population change; Literacy: its determinants, patterns and population dynamics in India.	
	Geography of Health and Wellbeing (GGRMJ 043) (Credit-4)	Lecture, PPT, Class demos	Textbook, Diagrams, Models	V	Climate change and Human health	10	Climate change and its impacts on food production, nutrition, diseases and pandemic & epidemics with reference to Assam.	Introduction to the geography of health, P. Anthamatten, A treaties on geography life and death in India, R.P Mishra
	Cartographic Techniques (Practical) (GGRMJ-044) (Credit-4)	Lecture, PPT, Class demos	Textbook, Diagrams, Models	III	Interpretation of Topographical maps	18	Interpretation of toposheet; profile drawing; long profile of a river and transact chart.	Fundamentals of Practical Geography, Dr. L.R. Singh
Sem V (Odd)	Physical Geography II-Climatology & Biogeography (GGRMJ 051) (Credit-4)	Lecture & Board work, PPT and Class Demos	Textbook, Diagrams, Models	V	Soil Geography	14	Definition and types of soil; soil forming processes; geographical distribution of soils; physical and chemical properties of soil.	Climatology, DS Lal
	Geography of India (GGRMJ 052) (Credit-4)	Lecture & Board work, PPT and Class Demos	Textbook, Diagrams, Models	I	Physical background of India	12	Geological structure and physical divisions of India and drainage system; climate , soil and vegetation of India.	Geography of India, D.R. Khullar
	Geography of India (GGRMI 052) (Credit-4)	Lecture & Board work, PPT and Class Demos	Textbook, Diagrams, Models	I	Physical background of India	12	Geological structure and physical divisions of India and drainage system; climate , soil and vegetation of India.	

Sem VI (Even)	Geography of Assam (GGRMJ-062) (Credit-4)	Lecture & Discussion	Textbook, Diagrams, Models	I	Introduction to Geography of Assam	14	Location, size and administrative divisions of Assam; physiographic, weather, climate and drainage system of Assam	Taher, M, Ahmed, Assam: A Geographical Profile.
	Geography of Assam (GGRMI-062) (Credit-4)	Lecture & Discussion	Textbook, Diagrams, Models	I	Introduction to Geography of Assam	14	Location, size and administrative divisions of Assam; physiographic, weather, climate and drainage system of Assam	
POST GRADUATE								
Sem I (Odd)	Human Geography (Theory) (PGGRC-102) (Credit-4)	Lecture & Class Interaction	Textbook, Diagrams, Models	I	Conceptual basis of human geography	14	Human geography in a historical perspective; impact of physical world on man; approaches of human geography	Human geography, Majid Hussain
	Morphometric study and Thematic Mapping (Practical) (PGGRC-103) (Credit-4)	Lecture & Class Interaction	Textbook, Diagrams, Models	I	Representation and analysis of relief	14	Profile drawing and its interpretation, slope analysis- Smith and Wentworth method; hypsometric analysis and drawing of Block diagram.	Fundamentals of Practical Geography, Dr. L.R. Singh
	Social, Political and Regional Concepts in Geography (Theory (PGGRD-101-DSE) (Credit-4)	Lecture & Class Interaction	Textbook, Diagrams, Models	III	Theoretical basis of political geography	12	Nature, scope and significance and development of political geography; approaches to the study of political geography; Nation and state formation, concept of core and periphery, concepts of frontiers and boundaries, concepts of geopolitics.	Political Geography by S. Adhikary and Dikshit
	Reginal Geography of India (PGGRG-101-GE) Credit-4)	Lecture & Class Interaction	Textbook, Diagrams, Models	I	Physical basis of the India	12	Physiographic divisions of India, India's monsoon, cyclones, western disturbances, flood, draught, soil and vegetation.	Geography of India by DR Khullar
Sem II (Even)	Economic Geography (Theory) (PGGRC-202) (Credit-4)	Lecture, Board, Assignments	Textbook, Diagrams, Models	II	Geography of manufacturing	12	Manufacturing regions of the world; spatial distribution of tea, coffee and cocoa; information technology and aerospace industry; problems of manufacturing	Economic Geography, Guha and Chattaraj.
	Land Survey and Field Survey Techniques (Practical)	Lecture, Board, Assignments	Textbook, Diagrams, Models	IV	Geographic data collection in the field	12	Methods of field data collection; survey using schedule and questionnaire and other methods.	Research methodology by CR Kothari

Sem II (Even)	(PGGRC-203(Core) (Credit-4)							
	Environmental Geography (Theory) (PGGRD-201) (Credit-4)	Lecture, Board, Assignments	Textbook, Diagrams, Models	IV	Environmental Development	12		
	Regional Geography of the world (Theory) (PGGRG-201 (GE) (Credit-4)	Lecture, Board, Assignments	Textbook, Diagrams, Models	IV	Regional Geography of North and South America	12	Relationship between environmental development; environmental education and development; sustainable development. Physiography, vegetation, climate, population distribution and economy of the continents.	World Regional Geography, D.S. Manku.
Sem III (Odd)	Research Methodology (Theory) (PGGRC-302) Credit-4	Lecture, Board, Assignments	Textbook, Diagrams, Models	I	Introduction to research	12	Meaning and types of research; introduction to research methodology and geography.	Research Methodology by CR Kothari
	Political Geography (Theory) (PGGRD-303 C) Credit-4	Lecture, Board, Assignments	Textbook, Diagrams, Models	I & II	Conceptual basis of political Geography & Geographic and Geopolitical elements of state.	12+12=24	Introduction, evolution, schools of thought and approaches to political Geography. Physical, human and economic and geopolitical elements of state; Goeconomics, trade routes and trade flow in Geopolitics.	
	Political Geography (Practical) (PGGRC-303) (Credit-4)	Lecture, Board, Assignments	Textbook, Diagrams, Models	I	Analysis of state areas and core area studies,	12	Areal Classification of state-G scale Method; Ranking of states on the basis of selected indicators; core area studies of India, Russia, France, N. America and China.	Political Geography by R.D. Dikshit and S. Adhikary.
Sem IV (Even)	Political Geography (Theory) (PGGRD-401-C) Credit-4	Lecture & Discussion	Textbook, Diagrams, Models	I & IV	Geopolitical theories & Internal politico- Geographic issues of India	12+12=24	Geostrategic ideas of Mohan, Mackinder and Spykmen, Alexander de Sevrsky and Saul B Chohen; present day relevance of this theories. India's Inter-state issues like territorial, water and migration; Secessionism and sub-nationalism in India; cross border terrorism, insurgency and conflict resolution in India.	Political Geography by S. Adhikary and Dixit. Modern Political geography of India by B.L. Sukhwal

Sem IV (Even)	Geography of Rural Development (Theory) (PGGRC-402) (Credit-4)	Lecture, Discussion & field visit	Textbook, Diagrams, Models	I	Conceptual basis of Geography of Rural development	12	Geography of rural development-It's meaning and scope; elements, indicators and approaches to the study of rural development	Geography of Rural Development by Vijoy Kumar and Sandeep Kumar
	Dissertation/ Project report (PGGRC-403) Credit-4	Lecture, Discussion & field visit	Textbook, Diagrams, Models	Whole paper	Topic will be selected by the students individually	60	Topic will be selected by the students individually	