

TEACHING PLAN, 2021-2022
(July-December)

Department of Geography
Raha College, Nagaon

Name of the faculty –**Mayuri Devi**
Assistant Professor (Contractual)

Semester	Paper Code	Paper Title	Credit	Unit	Topic to be covered	No. of classes
1ST SEMESTER (Honours) (THEORY)	GGY - HC – 1026	Cartographic Techniques	6	1,2, & 4	<ul style="list-style-type: none"> • Cartography – Meaning, Development (Traditional and Modern Cartography) and Importance of Cartography in Geography. • Shape and size of the earth, coordinate system (latitude and longitude) • Map Projections: Concept of Map Projection, Classification of Map Projections; Choice of map projection. 	26
1ST SEMESTER (Honours) (PRACTICAL)	GGY- HC- 1026	Cartographic Techniques	2	2	<ul style="list-style-type: none"> • Construction of graticules of Zenithal Polar Gnomonic and Stereographic, Simple Conical with one standard parallel, Bonne’s conical, Gall’s Stereographic Cylindrical along with their properties, uses and limitations. 	6
1ST SEMESTER (GENRIC & REGULAR) (THEORY)	GGY- RC- 1016	Physical Geography	4	1	<ul style="list-style-type: none"> • Physical Geography– Definition and Scope, Components of Earth System. 	8

1ST SEMESTER (GENRIC & REGULAR) (PRACTICAL)	GGY- RC- 1016	Physical Geography	1.2&3		<ul style="list-style-type: none"> • Relief representation from the topographical sheet (v-shaped valley, u-shaped valley, conical hill, cliff, uniform slope). • Profile Drawing (Serial and superimposed). • Rainfall-Temperature Graph, Climograph and Hythergraph 	20
3RD SEMESTER (HONOURS) (THEORY)	GGY- HC- 3036	Quantitative Methods in Geography	4	1,3& 6	<ul style="list-style-type: none"> • Quantification and its significance in geographical study; advantages and limitations of quantitative methods in geography. • Measures of central tendency (mean, median and mode) and dispersion (range, quartile deviation, mean deviation, standard deviation and coefficient of variation) and their applications in geographical data analysis. • Correlation and Regression Analysis: Meaning of correlation; Bi-variate coefficient of correlation (Spearman's rank correlation and Pearson's product-moment correlation); linear regression analysis; and their applications in geographical data analysis. 	24
3rd SEMESTER (Honours) (PRACTICAL)	GGY- HC- 3036	Quantitative Methods in Geography	.2	1,2,3& 5	<ul style="list-style-type: none"> • Tabulation/Grouping of geographical data for making frequency distribution table; 	15

					<p>Preparation of Histogram, Frequency Polygon and Frequency Curve.</p> <ul style="list-style-type: none"> • Computation of mean, median and mode for ungrouped and grouped geographical data; Determination of median and mode using graphical methods; Determination of the location of spatial mean centre of settlements (using centographic measure). • Computation of the values of standard deviation and coefficient of variation of ungrouped and grouped data relating to some geographical phenomena (rainfall, landholding, income, production, etc) for comparison of distribution patterns. • Computation of the values of standard deviation and coefficient of variation of ungrouped and grouped data relating to some geographical phenomena (rainfall, landholding, income, production, etc) for comparison of distribution patterns. 	
5TH SEMESTER (HONOURS) (THEORY)	GGY-HC-5016	Social Geography	4	1,2,3,4 &5	<ul style="list-style-type: none"> • Social Geography: Meaning and scope; its approaches of study; and contemporary trend of its development. • Concept and types of 	20

					<p>social space and social groups.</p> <ul style="list-style-type: none"> • Social Well-being: Concept and Component: Housing, Health and Education; Concept of Human development and its measurements. • Contribution of race, religion, language and ethnicity in promoting diversity in India. • Social Geographies of inclusion and exclusion: Caste system, slums, gated communities, communal conflicts and crime; Gender identity. 	
5TH SEMESTER (REGULAR) (THEORY)	GGY-RE-5016	Environmental Geography and Disaster Management	4	1,6 &7	<ul style="list-style-type: none"> • Environmental Geography: Nature, Scope and Significance. • Major Hazards and Disasters, and their Management: Flood, Earthquake, Wildfire, and Chemical and Nuclear explosions. • National Environmental Policy and National Disaster Management Plan: Environmental Protection Act 1986 and Disaster Management Act 2005. 	10
5TH SEMESTER (SKILL ENHANCEMENT) (Theory)	GGY-SE-5054	GGY-SE-5054	2	1&5	<ul style="list-style-type: none"> • Geography of Tourism: Nature and scope; Concepts and issues of tourism; Recreation and leisure inter-relations; Robinson's geographical parameters of tourism. • Tourism development in India: Tourism 	8

					infrastructures; Case studies of tourism development in Himalaya, Desert and North-East India with special reference to Assam; National tourism policies and prospects.	
5TH SEMESTER (SKILL ENHANCEMENT) (Practical)	GGY- SE- 5054	GGY-SE- 5054	2	1,2&3	<ul style="list-style-type: none"> • Trend of growth of tourist arrivals in the world/India/Assam since 1960 using Moving average method and least squares method. • 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. • Line Graph showing pattern of tourist arrival (Domestic and International) in relation to rainfall and temperature in a year for selected tourist spots of North-East India / Assam. 	10