ACADEMIC CALENDAR DEPARTMENT OF GEOGRAPHY 2019-20 (CBCS SYLLABUS) PAPER CODE: GEOACOR01T

SEMESTER	HONS/GENERAL	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF					
					LECTURES		ANY					
I	HONOURS	I	1.Geological Time	S.R	60	July-August						
			Scale									
			2. Isostacy, Models of	S.D		July-August						
			Airy &Pratt									
			3. Plate Tectonics	S.DH		August-						
			4. folds & faults	S.DH		September						
1		П	5.Degradational	M.B		August-						
			Processes			September						
			6.Uniclinal & Folded	M.B		September-						
			Structures			October						
			7. Granitic Basaltic	S.DH								
			Landforms									
			8.Coastal Processes			October-						
			9. Glacial & Glacio-	S.DH		November						
			Fluvial Processes									
			10. Aeolian & Fluvio-	S.DH								
			Aeolian Processes									
			11. Davis, Penck &			December-						
			Hack	M.B		January						

PAPER CODE: GEOACOR01P

SEMESTER	HONS/GENERAL	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF				
					LECTURES		ANY				
	HONOURS		1.Megascopic	S.DH	60						
I			Identification o	f		July -January					
			Rocks & Minerals								
			2. Interpretation o	f M.B							
			Geological Maps								

PAPER CODE: GEOACOR02T

SEMESTER	HONS/GENERAL	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF
					LECTURES		ANY
I	HONOURS		1.Classification&	S.D	60		
			Types of maps				
			2. Concept Of Scales	S.D			
			3. Reference Scheme				
			Of SOI Topographical	M.B		July –	
			maps			December	
			4. Co-ordinate	S.R			
			systems	S.R			
			5. Generating Globe				
			& UTM projection	S.R			
			6. Angular & linear				
			systems of	S.R			
			measurements				
			7. Map Projections	S.R			

PAPER CODE: GEOACOR02P

SEMESTER	HONS/GENERAL	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF			
					LECTURES		ANY			
	HONOURS		1.Drawing Of Scales	S.D	60					
I			2. SOI Topographical	M.B						
			maps interpretation			July –				
			3. Transect Chart	M.B		December				
			4. Map Projections	S.R						

PAPER CODE: - GEOACOROST

SEMESTER	HONS/	UNIT	ΤΟΡΙΟ	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF
SEIVIESTER	-	UNIT	TOPIC	TEACHER		DISTRIBUTION	
	GENERAL				LECTURES		ANY
П	HONOURS	I	Nature and principals of	S.D	30	February-	
			Human Geography-			April	
			Nature, scope, race,				
			ethnicity, society and				
			cultural regions				
II		Ш	Society, Demography				
			and Ekistics				
			1.Evolution of Human				
			society	SDH	20	February-	
			2.Eskimo, Masai,			March	
			Maori, Population	S.R	30		
			Growth, Demographic			February-	
			transition, Rural and			April	
			Urban settlements				
			3.Population resource	M.B	10	February-	
			regions			March	
			-				

PAPER CODE - GEOACORO4T

SEMESTER	HONS/	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTIO	PROJECT
	GENERAL				LECTURE	N	
					S		
	HONOURS		1. Rounding, Scientific		60	February-	
П			notation, Log scale	S.R		March	
			2. Representation of Data-				
			Isopleth, Choropleth, Pie				
			chart, Bar, Dots and Spheres				
			3. Socio-economic maps	SDH		February-	
			4. Land use, Land cover maps	M.B		April	
			5. Prismatic Compass, Dumpy				
			Level, Theodolite	M.B		March-May	

PAPER CODE -GEOACORO4P

SEMESTER	HONS/GENER AL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTIO N	PROJECT
11	HONOURS		1.Representation of Data- Isopleth, Choropleth, Pie chart, Bar, Dots and Spheres 2.Traverse Survey, Profile Survey, Prismatic Compass, Dumpy Level	SDH M.B	60	February- April March-May	

PAPER CODE: GEOACOR05T

SEMESTER	HONS/	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT
	GENERAL				LECTURES		
111	HONOURS	-	1.Layers of		60	July-August	
			atmosphere	S.DH			
			2. insolation & Heat			July-August	
			Budget				
			3. temperature			August-	
			4. greenhouse effect			September	
III		Ш	5.condensation	S.DH		August-	
			6.air mass	M.B		September	
			7. fronts	S.DH		September-	
			8.stability & instability	M.B		October	
			9. jet stream &				
			Planetary winds			October-	
			10. cyclones	S.DH		November	
			11. monsoons				
			12. climatic	S.DH		December-	
			classification			January	

PAPER CODE: GEOACOR05P

SEMESTER	HONS/GENERAL	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF					
					LECTURES		ANY					
	HONOURS		1.Weather maps	S.DH	60							
III			2. Hythergraph,			July -January						
			climograph									
			3. wind- rose									

PAPER CODE: GEOACORO6T

SEMESTER	HONS/	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF				
	GENERAL				LECTURES		ANY				
	HONOURS	I-India	1.Physiographic		60	July-August					
			Divisions of India	M.B							
			2. climate, soil ,			July-August					
			vegetation								
			3. population								
			4. tribes								
			5. Green Revolution								
			6. minerals, power			August-					
			resources			September					
			7. industry								
			8. regionalisation								
111		II- West	9. physical	S.D		August-					
		Bengal	perspective			January					
			10. Agriculture,								
			mining & Industry								
			11. population								
			12. regional issues								

PAPER CODE: GEOACOR07T

SEMESTER	HONS/	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF
	GENERAL				LECTURES		ANY
	HONOURS	Ι	1.Importance of	S.R	60	July-August	
			Statistics				
			2. types of data	S.R		July-August	
			3. sources of data	S.R			
			4. statistical tables	S.R		August-	
			5. sampling	M.B		September	
			6. frequency	S.R			
			Distribution				
111		=	7. Measures of Central	S.R		August-	
			tendency	S.R		December	
			8.dispersion	S.R			
			9. association &	S.R			
			correlation				
			10. Regression	S.R			
			11. Time series	S.R			

PAPER CODE: GEOACOR07P

SEMESTER	HONS/GENERAL	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF
					LECTURES		ANY
	HONOURS		1.Data Matrix	S.R	60		
III			2. Frequency Table,	S.R		July -January	
			Central Tendency,				
			Dispersion				
			3. Sampling	M.B			
			4. scatter diagram	S.R			

SEMESTER	HONS/	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT
	GENERAL				LECTURES		IF ANY
	HONS AND GENERAL		 Principles of remote sensing:- satellites, sensors IRS and Landsat missions FCC, Landsat TM, OLI LULC feature from satellites images 	SD	30	July-December	Project work Done

PAPER CODE-GEOSSEC01M

PAPER CODE:-GEOACOROST

SEMESTER	HONS/ GENERAL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTION	PROJECT
IV	HONOURS	Ι	RegionalPlanning-Concept,typesPrinciples,tools,Techniques,multi-levelplanning in India,Urbanagglomerations	M.B	30	February- April	
IV		II	1.Regional development-growth- indicatorsindicatorsof development,development,Human development,development,Regional development in India 2.2.Cumulative causation(Myrdal),Grow th pole,thpole,Stagesof 	M.B S.R	30 30	February- April February- March	

PAPER CODE- GEOACOR09T

SEMESTER	HONS/	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF
	GENERAL				LECTURES		ANY
IV	HONOURS	I	Concept of		30	February-	
			Economic			March	
			Geography-Goods				
			and services,	S.D			
			Production,				
			Consumption,				
			Economic man,				
			Economic distance				
IV		II	1. Economic				
			activities-				
			classification, Von				
			Thunen, Weber,	S.D	30	March-May	
			Agriculture,				
			forestry, Fishing,				
			Mining,				
			Manufacturing,				
			tertiary activities				
			2. Mixed	S.R	30	February-	
			farming, sea routes,			May	
			railways, highways,				
			WTO,GATT,BRICS				

PAPER CODE:-GEOACOR10T

SEMESTER	HONS/ GENERAL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTION	PROJECT
IV	HONOURS	I	Holistic and systems approach to environment, eco- systems, environmental problems	SDH	30	February- March	
IV		II	Environmental problems and policies- pollution and degradation, waste management, environmental policies, environmental management	SDH	30	March-May	

PAPER CODE:-GEOACOR10P

			1111 211 005 21 3				
SEMESTER	HONS/	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/
	GENERAL				LECTURES		IF ANY
IV	HONOURS		1. Questionnaire schedule, check list for EIA	SDH	40	February-May	
			2. Representation of CPCB and WBPCB data	M.B	20	February-April	

PAPER CODE-GEOSSEC02M

SEMESTER	HONS/	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF	DISTRIBUTION	PROJECT
	GENERAL				LECTURES		/IF ANY
IV	HONS and		1. Probability theory,	SR			
	GENERAL		Normal, Binomial and		30	January- June	Project
			Poisson distributions				work
			2. Sampling:				Done
			proportions.				
			3. Correlation and				
			Regression Analysis:				
			Rank order				
			correlation, product				
			moment correlation;				
			linear regression,				
			residuals from				
			regression, and simple				
			curvilinear regression.				
			Introduction to multi-				
			variate analysis.				
			4. Time Series				
			Analysis: Time Series				
			processes; Smoothing				
			time series; Time				
			series components				

GEOGRAPHY GENERAL

PAPER CODE-GEOGCOR01T

SEMESTER	HONS/	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTIO	PROJECT/IF
	GENERAL				LECTURES	N	ANY
I	GENERAL	I	Geotectonics and Geomorphology				
			1. Scope of physical Geography 2. Plate tectonic, seismic waves, granitic and	SR	90	July-August	
			limestone	SDH		July-	
			topography, coastal Aeolian processes			November	
			3. Normal cycle of erosion	МВ		July-August	
I		II	Climatology and Oceanography 1. Insolation and heat budget, distribution of temperature and pressure 2. Monsoon, Tropical cyclone, climatic classification 3. Hydrological cycle, ocean bottom relief, ocean	MB SR SD		July-October July- November July-	
			currents	50		November	

PAPER CODE- GEOGCOR02T

SEMESTER	HONS/	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT
	GENERAL				LECTURES		/IF ANY
11	GENERAL	I	Population and Social Geography				
			1. Growth and distribution of world population	SD	90	February-May	
			2. Population composition (age, gender, literacy), migration, space and society	SR		February-May	
			3. Social issues	МВ		February-May	
11		II	Economic and settlement Geography 1. Sectors of	(D))		February Man	
			economy, types of agriculture, problem and prospects of Indian industries 2. Rural and	SDH		February-May	
			Urban settlements, world urbanization	МВ		February-May	

PAPER CODE-GEOGCOR03T

SEMESTER	HONS/	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTIO	PROJECT/IF
	GENERAL				LECTURES	N	ANY
III	GENERAL		1. Map scale	SD		July-August	
			2. Map projection			July-	
			3. SOI	SR	60	November	
			Topographical				
			maps	MB		July-	
			4. Representation			November	
			of data				
			(cartograms)	SDH		July-August	

PAPER CODE-GEOGCOR03P

						-		
SEMESTER	HONS/	UNIT	TOPIC		TEACHER	NO.OF	DISTRIBUTION	PROJECT
	GENERAL					LECTURES		
	GENERAL		1. Construction Map scale	of	SD		July-August	
			2. Construction Map projection	of	SR	60	July-November	
			3. Interpetation SOI Topographic	of cal	МВ		July-November	
			maps					

PAPER CODE-GEOGCOR04T

SEMESTER	HONS/ GENERAL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTIO N	PROJECT/IF ANY
IV	GENERAL	I	1.ConceptofEnvironmentalGeography,manenvironmentrelationshipinextreme climate2.Systemapproach,ecosystem	SD MB	90	February-May February-May	
IV		11	 Environmental problems and management Environmental programmes and policies 	SDH SR		February-May February-May	

PART-III HONOURS (UNDER OLD SYLLABUS)

PAPER V

YEAR	HONS/ GENERAL	GROUP	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTION	PROJECT/ IF ANY
III	HONOURS	A	Social, Cultural and Political Geography- culture, language, religion, ethnicity, settlements (morphology and hierarchy), Geopolitics, cold war, partition	SR	45	July-November	
III		В	Regional Geography- physical, economic and planning region, physiographic region, agricultural region, industrial region	МВ	36	July-February	

I AI LIL-II										
YEAR	HONS/	GROUP	TOPIC	TEACHER	NO.OF	DISTRIBUTIO	PROJECT/IF			
	GENERAL				LECTURES	N	ANY			
	HONOURS	A	Philosophy of Geography- major							
			postulates, contribution of Humboldt, Carl Sauer, David Harvey, positivism, quantitative revolution, radical approach	SD	24	July-February				
		В	Contemporary issues in Geography 1. Natural Hazards and their management in the Indian subcontinent 2. Economic and Human development in	SDH	32	July-March				
			development in the third world	МВ	26	July-March				

PAPER-VI

PAPER-VII (PRACTICAL)

YEAR	HONS/	GROUP	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/
	GENERAL				LECTURES		IF ANY
III	HONOURS		1. Geological maps	MB	8	July-October	Field
			2. Weather maps	SDH	8	July-January	report &
			3. Remote sensing	MB	14	November-	practical
			4. GIS	SR	38	February	notebook
			5. Field report	S.DH	12	July-March	

VEAD		GROUP		1	-	DISTRIBUTION	PROJECT
YEAR	HONS/	GROUP	TOPIC	TEACHE	NO.OF	DISTRIBUTION	PROJECT
	GENERAL			R	LECTURES		
	HONOURS	Α	Statistical techniques-				Practical
			data, tabulation,				note
			frequency distribution,	SR	35	July-February	book
			central tendency,				
			partition values,				
			measures of				
			dispersion, co-efficient				
			of variation				
III		В	Contemporary issues in				Practical
			Geography				note
			1.Representation of				book
			climatic and				
			hydrological data of	SDH	20		
			the Indian				
			subcontinent- climatic				
			chart, climograph,				
			hythergraph, station			July-March	
			models, Rating curves				
			2. Economic and				
			Human development in				
			the third world-HDI,	мв	20	July-March	
			GDI, Questionnaire				
			schedule measures of				
			spatial and size-class				
			distribution				
			usubution				l

PAPER-VIII (PRACTICAL)

PART-III (GENERAL)

PAPER-IV

YEAR	HONS/	GROUP	ΤΟΡΙϹ	TEACHER	NO.OF	DISTRIBUTIO	PROJECT
	GENERAL				LECTURES	N	
III	GENERAL	А	Land use and				
		(Section- I)	settlement				
			geography				
			1. concept	SDH	4	July-	
			and attribute of			September	
			land, objective and				
			principle of land				
			use				
			2. Rural and				
			Urban settlement	MB	9	July-	
			(evolution,			September	
			functions and				
			morphology)				
111		Α	Remote sensing				
		(Section-li)	and thematic				
			mapping-Aerial	SD	17	August-	
			photo, Satellite			February	
			imagery, IRS				
			imagery, sensors				
			and resolution				
III		В	Applied Geography				Practical
		(Practical)	1. Weather maps	SDH	18	July-January	note
			2. Detour index	SR	7	August-	book
			3. Flow diagram	MB	7	September	
			4. Aerial photo	SD	14	August-	
			interpretation			January	

TENTATIVE SCHEDULE OF EXAMINATION

SEMESTER/YEAR	HONS/GENERAL	INTERNAL ASSESSMENT	UNIVERSITY EXAM								
I	HONS/GENERAL	First exam 2 nd week of September									
		2019	January 2020								
		Second exam 2 nd week of November									
		2019									
11	HONS/GENERAL	First exam 2 nd week of April 2019									
		Second exam 2 nd week of May 2019	July 2020								
	HONS/GENERAL	First exam 1 st week of September	January 2020								
		2019									
		Second exam 1 st week of November									
		2019									
IV	HONS/GENERAL	First exam 2 nd week of April 2020	July 2020								
		Second exam 2 nd week of May 2020									
PART-III	HONS/GENERAL	Test exam 1 st week of January 2020	April 2020								

SESSION-2019-20

ACADEMIC CALENDAR DEPARTMENT OF GEOGRAPHY 2020-21(CBCS SYLLABUS)

PAPER CODE: GEOACOR01T

SEMESTER	HONS/GENERAL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF
					LECTURES		ANY
I	HONOURS	1	1.Geological Time	S.R	60	July-August	
			Scale				
			2. Isostacy, Models of	S.D		July-August	
			Airy &Pratt				
			3. Plate Tectonics	S.DH		August-	
			4. folds & faults	S.DH		September	
I		П	5.Degradational	M.B		August-	
			Processes			September	
			6.Uniclinal & Folded	M.B		September-	
			Structures			October	
			7. Granitic Basaltic	S.DH			
			Landforms				
			8.Coastal Processes			October-	
			9. Glacial & Glacio-	S.DH		November	
			Fluvial Processes				
			10. Aeolian & Fluvio-	S.DH			
			Aeolian Processes				
			11. Davis, Penck &			December-	
			Hack	M.B		January	

PAPER CODE: GEOACOR01P

SEMESTER	HONS/GENERAL	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF			
					LECTURES		ANY			
	HONOURS		1.Megascopic	S.DH	60					
1			Identification of			July -January				
			Rocks & Minerals							
			2. Interpretation of	M.B						
			Geological Maps							

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SEMESTER		UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF
SEIVIESTER	HONS/GENERAL	UNIT	TOPIC	TEACHER		DISTRIBUTION	PROJECT/IF
					LECTURES		ANY
I	HONOURS		1.Classification&	S.D	60		
			Types of maps				
			2. Concept Of Scales	S.D			
			3. Reference Scheme				
			Of SOI Topographical	M.B		July –	
			maps			December	
			4. Co-ordinate	S.R			
			systems	S.R			
			5. Generating Globe				
			& UTM projection	S.R			
			6. Angular & linear				
			systems of	S.R			
			measurements				
			7. Map Projections	S.R			

PAPER CODE: GEOACOR02P

SEMESTER	HONS/GENERAL	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF
					LECTURES		ANY
	HONOURS		1.Drawing Of Scales	S.D	60		
I			2. SOI Topographical	M.B			
			maps interpretation			July –	
			3. Transect Chart	M.B		December	
			4. Map Projections	S.R			

PAPER CODE: - GEOACOROST

SEMESTER	HONS/	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF
SEIVIESTER	•	UNIT	TOPIC	TEACHER		DISTRIBUTION	•
	GENERAL				LECTURES		ANY
II	HONOURS	1	Nature and principals of	S.D	30	February-	
			Human Geography-			April	
			Nature, scope, race,			-	
			ethnicity, society and				
			cultural regions				
П		II	Society, Demography				
			and Ekistics				
			1.Evolution of Human				
			society	SDH	20	February-	
			2.Eskimo, Masai,			March	
			Maori, Population	S.R	30		
			Growth, Demographic			February-	
			transition, Rural and			April	
			Urban settlements				
			3.Population resource	M.B	10	February-	
			regions			March	

PAPER CODE- GEOACOR04T

		1					
SEMESTER	HONS/	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTIO	PROJECT
	GENERAL				LECTURE	N	
					S		
	HONOURS		1. Rounding, Scientific		60	February-	
11			notation, Log scale	S.R		March	
			2. Representation of Data-				
			Isopleth, Choropleth, Pie				
			chart, Bar, Dots and Spheres				
			3. Socio-economic maps	SDH		February-	
			4. Land use, Land cover maps	M.B		April	
			5. Prismatic Compass, Dumpy				
			Level, Theodolite	M.B		March-May	

PAPER CODE-GEOACOR04P

SEMESTER	HONS/GENER AL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTIO N	PROJECT
	HONOURS		1.Representation of Data-		60		
II			Isopleth, Choropleth, Pie chart, Bar, Dots and Spheres	SDH		February- April	
			2.Traverse Survey, Profile				
			Survey, Prismatic Compass,	M.B		March-May	
			Dumpy Level				

PAPER CODE: GEOACOR05T

SEMESTER	HONS/	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT
	GENERAL				LECTURES		
111	HONOURS	I	1.Layers of		60	July-August	
			atmosphere	S.DH			
			2. insolation & Heat			July-August	
			Budget				
			3. temperature			August-	
			4. greenhouse effect			September	
111		=	5.condensation	S.DH		August-	
			6.air mass	M.B		September	
			7. fronts	S.DH		September-	
			8.stability & instability	M.B		October	
			9. jet stream &				
			Planetary winds			October-	
			10. cyclones	S.DH		November	
			11. monsoons				
			12. climatic	S.DH		December-	
			classification			January	

SEMESTER	HONS/GENERAL	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF
					LECTURES		ANY
	HONOURS		1.Weather maps	S.DH	60		
			 Hythergraph, climograph wind- rose 			July -January	

PAPER CODE: GEOACOR05P

PAPER CODE: GEOACORO6T

SEMESTER	HONS/	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF
	GENERAL				LECTURES		ANY
111	HONOURS	I-India	1.Physiographic		60	July-August	
			Divisions of India	M.B			
			2. climate, soil , vegetation			July-August	
			3. population				
			4. tribes				
			5. Green Revolution				
			6. Minerals, Power			August-	
			Resources			September	
			7. Industry				
			8. Regionalization				
111		II- West	9. physical	S.D		August-	
		Bengal	perspective			January	
			10. Agriculture,				
			mining & Industry				
			11. population				
			12. regional issues				

PAPER CODE: GEOACOR07T

SEMESTER	HONS/	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF
	GENERAL				LECTURES		ANY
111	HONOURS	I	1.Importance of Statistics	S.R	60	July-August	
			2. types of data	S.R		July-August	
			3. sources of data	S.R			
			4. statistical tables	S.R		August-	
			5. sampling	M.B		September	
			6. frequency Distribution	S.R			
		Ш	7. Measures of Central	S.R		August-	
			tendency	S.R		December	
			8.dispersion	S.R			
			9. association & correlation	S.R			
			10. Regression	S.R			
			11. Time series	S.R			

PAPER CODE: GEOACOR07P

SEMESTER	HONS/GENERAL	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF
					LECTURES		ANY
	HONOURS		1.Data Matrix	S.R	60		
Ш			2. Frequency Table,	S.R		July -January	
			Central Tendency,				
			Dispersion				
			3. Sampling	M.B			
			4. scatter diagram	S.R			

PAPER CODE-GEOSSEC01M

SEMESTER	HONS/ GENERAL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTION	PROJECT IF ANY
111	HONS AND GENERAL		 Principles of remote sensing:- satellites, sensors IRS and Landsat missions FCC, Landsat TM, OLI LULC feature from satellites images 	SD	30	July-December	Project work Done

PAPER CODE:-GEOACOROST

SEMESTER	HONS/ GENERAL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTION	PROJECT
IV	HONOURS	Ι	RegionalPlanning-Concept,typesPrinciples,tools,Techniques,multi-levelplanning in India,Urbanagglomerations	M.B	30	February- April	
IV		II	1.Regional development-growth- indicatorsindicatorsof development, Human development, Under development, Regional development in India 2.2.Cumulative causation(Myrdal),Grow th 	M.B S.R	30 30	February- April February- March	

PAPER CODE- GEOACOR09T

SEMESTER	HONS/ GENERAL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTION	PROJECT/IF ANY
IV	HONOURS	I	Concept of Economic Geography-Goods and services, Production, Consumption, Economic man, Economic distance	S.D	30	February- March	
IV		II	1.Economicactivities-classification,VonThunen,Weber,Agriculture,forestry,Fishing,Mining,Manufacturing,	S.D	30	March-May	
			tertiary activities 2. Mixed farming, sea routes, railways, highways, WTO,GATT,BRICS	S.R	30	February-May	

PAPER CODE:-GEOACOR10T

SEMESTER	HONS/	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT
	GENERAL				LECTURES		
IV	HONOURS	I	Holistic and systems		30	February-	
			approach to			March	
			environment, eco-				
			systems,	SDH			
			environmental				
			problems				
IV		П	Environmental				
			problems and				
			policies- pollution and				
			degradation, waste				
			management,				
			environmental	SDH	30	March-May	
			policies,				
			environmental				
			management				

PAPER CODE:-GEOACOR10P

SEMESTER	HONS/	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/
	GENERAL				LECTURES		IF ANY
IV	HONOURS		1. Questionnaire schedule, check list for EIA	SDH	40	February-May	
			2. Representation of CPCB and WBPCB data	M.B	20	February-April	

PAPER CODE-GEOSSEC02M

SEMESTER	HONS/	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF	DISTRIBUTION	PROJECT
	GENERAL				LECTURES		/IF ANY
IV	HONS and		1. Probability theory,	SR			
	GENERAL		Normal, Binomial and		30	January- June	Project
			Poisson distributions				work
			2. Sampling:				Done
			proportions.				
			3. Correlation and				
			Regression Analysis:				
			Rank order				
			correlation, product				
			moment correlation;				
			linear regression,				
			residuals from				
			regression, and simple				
			curvilinear regression.				
			Introduction to multi-				
			variate analysis.				
			4. Time Series				
			Analysis: Time Series				
			processes; Smoothing				
			time series; Time				
			series components				

PAPER CODE: GEOACOR11T

			•				
SEMESTER	HONS/	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF
	GENERAL				LECTURES		ANY
V	HONOURS	Ι	1.Research Methodology: literature review, research problem, materials & methods, report writing	S.R	60	July- September	
V		Ξ	2. Fieldwork- significance, techniques & tools, landscape survey, sample collection, tabulation	S.R		September- December	

PAPER CODE: GEOACOR11P

SEMESTER	HONS/GENERAL	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF
					LECTURES		ANY
	HONOURS		Preparation of field	M.B	60	July -January	Submission
v			reports				of field
							reports

PAPER CODE: GEOACOR12T

SEMESTER	HONS/	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF
	GENERAL				LECTURES		ANY
v	HONOURS	I	1.Principles of Remote	M.B	30	July-	
			sensing- satellites, sensors, FCC, Landsat TM, OLI, LULC			December	
V		II	2. GIS & GNSS- raster, vector, overlay analysis, waypoints, area & Length calculation	S.D	30	July- December	

PAPER CODE: GEOACOR12P

SEMESTER	HONS/GENERAL	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF
					LECTURES		ANY
	HONOURS		1.Remote Sensing &	S.R	60		
v			GIS- georeferencing,			July -January	
			digitization,				
			preparation of				
			thematic maps				
			2. Preparation FCC	M.B			

PAPER CODE:-GEOADSE01T

1	-						
SEMESTER	HONS/	UNIT	TOPIC	TEACH	NO.OF	DISTRIBUTION	PROJECT/IF
	GENERAL			ER	LECTURES		ANY
V	HONOURS	I	Soil Geography-formation, profile, texture, structure, moisture PH, Organic matter, NPK, Soil erosion, Soil classification	MB	35	February-May	
V		II	Bio Geography- Biosphere, Eco system, Biome, Eco tone, Niche, trophic structure, Bio-geo chemical cycles, Taiga, Tropical and grassland Biome, Conservation of Biodiversity	SDH	40	February-May	

SEMESTER	HONS/	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF
	GENERAL				LECTURES		ANY
V	HONOURS	I	Population dynamics- Concept of demography, population data, population distribution density, growth, classical and modern theories in population distribution and growth	SD	30	February- March	
V		II	Populationanddevelopment-1. Fertility,Mortality,Urbanisation,Migration2. Age-Sex composition,Rural-Urbancomposition,Humandevelopment,PopulationPolicies,Contemporaryissuesin population	SDH SD	30 15	March-May April-May	

PAPER CODE:- GEOADSEOST

PAPER CODE:-GEOACOR1ST

SEMESTER	HONS/	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF
	GENERAL				LECTURES		ANY
VI	HONOURS	I	Nature of pre-modern				
			Geography-				
			contributions of Greek				
			and Chinese, Arab,	SD	45	February-	
			Dark age, Dualism in			March	
			Geography				
VI		Ш	Foundations of				
			modern Geography				
			and recent trends-				
			concept of Germany,		45		
			France, Britain, USA,	SD			
			Contributions of			March-May	
			Humboldt, Ritter,				
			Ratzel, Richthofen,				
			Vidal de La Blache				
			Quantitative				
			revolution, system				
			approach				

PAPER CODE- GEOACOR14T

SEMESTER	HONS/ GENERAL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTION	PROJECT/IF ANY
VI	HONOURS	I	Concept of Hazard and Disaster, Vulnerability,				
			preparedness, Hazard mapping	SDH	30	February- March	
VI		II	Hazard specific study- earth quake, land slide, tropical cyclone, river bank erosion, Radioactive fall out	SDH	30	March-May	

PAPER CODE:-GEOACOR14P

SEMESTE	HONS/GENERA	UNI	ΤΟΡΙϹ	TEACHER	NO.OF	DISTRIBUTI	PROJECT/
R	L	Т			LECTUR	ON	IF ANY
					ES		
VI	HONOURS		Project report based on any				
			one case study of the	SDH	60	February-	
			following- Thunderstorm,			May	
			landslide, Flood, River bank				
			erosion, Fire, industrial				
			accident, structural collapse				

PAPER CODE:-GEOADSEO4T

SEMESTER	HONS/ GENERAL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTION	PROJECT/IF ANY
VI	HONOURS	I	Hydrology- Hydrological cycle, Run off, Infiltration, evapotranspiration, Ground water, Drainage basin	МВ	40	February- March	
VI		II	Oceanography-ocean floor, Physical and chemical properties of ocean water, salinity, marine resources, sea level change	MB	50	March-May	

PAPER CODE:-GEOADSE06T

SEMESTER	HONS/ GENERAL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTION	PROJECT/IF ANY
VI	HONOURS	I	Resource and development- concept, classification, utilization, economic growth and development, global scenario of resource depletion, sustainable development	SR	40	February- April	
VI		Π	Resource conflict and management- mineral resources, energy resources, energy crisis and future scenario, limits to growth and sustainable use of resources	SR	50	March-May	

GEOGRAPHY GENERAL

PAPER CODE-GEOGCOR01T

							,
SEMESTER	HONS/	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTIO	PROJECT/IF
	GENERAL				LECTURES	N	ANY
I	GENERAL	Ι	Geotectonics and Geomorphology				
			1. Scope of physical Geography 2. Plate tectonic, seismic	SR	90	July-August	
			waves, granitic and				
			limestone	SDH		July-	
			topography, coastal Aeolian processes			November	
			3. Normal cycle of erosion	МВ		July-August	
I		II	Climatology and Oceanography 1. Insolation and heat budget, distribution of temperature and pressure 2. Monsoon, Tropical	МВ		July-October	
			cyclone, climatic classification 3. Hydrological cycle, ocean bottom	SR		July- November	
			relief, ocean currents	SD		July- November	

PAPER CODE- GEOGCORO2T

SEMESTER	HONS/	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF	DISTRIBUTION	PROJECT
	GENERAL				LECTURES		/IF ANY
П	GENERAL	I	Population and Social				
			Geography				
			1. Growth and	SD	90	February-May	
			distribution of world				
			population				
			2. Population	SR			
			composition (age,			February-May	
			gender, literacy),				
			migration, space and				
			society				
			3. Social issues	MB		February-May	
II		II	Economic and				
			settlement				
			Geography				
			1. Sectors of				
			economy, types of	SDH		February-May	
			agriculture, problem				
			and prospects of				
			Indian industries				
			2. Rural and				
			Urban settlements,	MB		February-May	
			world urbanization				

PAPER CODE-GEOGCOROST

SEMESTER	HONS/ GENERAL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTIO N	PROJECT/IF ANY
III	GENERAL		1. Map scale 2. Map projection	SD		July-August July-	
			3.SOI Topographical	SR	60	November	
			maps 4. Representation	MB		July- November	
			of data (cartograms)	SDH		July-August	

PAPER CODE-GEOGCOROSP

SEMESTER	HONS/ GENERAL	UNIT	ΤΟΡΙϹ		TEACHER	NO.OF LECTURES	DISTRIBUTION	PROJECT
III	GENERAL		1. Construction Map scale	of	SD		July-August	
			2. Construction Map projection	of	SR	60	July-November	
			3. Interpetation SOI Topographi	of ical	МВ		July-November	
			maps					

PAPER CODE-GEOGCOR04T

SEMESTER	HONS/	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTIO	PROJECT/IF
	GENERAL				LECTURES	N	ANY
IV	GENERAL	1	1.ConceptofEnvironmentalGeography,manenvironmentrelationshipinextreme climate2.Systemapproach,ecosystem	SD MB	90	February-May February-May	
IV		II	 Environmental problems and management Environmental programmes and policies 	SDH SR		February-May February-May	

SEMESTER			TORIC	TEACHER		DICTRIPUTION	
SEIVIESTER	HONS/	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/
	GENERAL				LECTURES		IF ANY
v	GENERAL	1	Soil Geography				
			1. Factors of				
			formation, Soil	SR	90	July-	
			profile			November	
			2. Soil properties	МВ			
			(texture, structure,			July-August	
			moisture, PH,			,	
			organic				
			matter),soil				
			classification	MB			
			classification	IVIB			
v		11	Bio Geography				
			1.Biosphere, eco	SDH			
			system, biome, eco			July-October	
			tone, community,			-	
			succession, energy				
			flow in ecosystem				
			2.Tropical rain forest				
			and grassland biome,	CD			
			bio- geochemical	SD		July-	
			cycles			November	

PAPER CODE-GEOGDSE01T

PAPER CODE-GEOGDSE04P

SEMESTE	R HONS/ GENERAL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTION	PROJECT
VI	GENERAL		Project report based on field work	SD	75	February-May	Field report submitted

TENTATIVE SCHEDULE OF EXAMINATION

SESSION-2020-21

SEMESTER/YEAR	HONS/GENERAL	INTERNAL ASSESSMENT	UNIVERSITY EXAM
I	HONS/GENERAL	First exam 2 nd week of September	
		2020	January 2021
		Second exam 2 nd week of November	
		2020	
II	HONS/GENERAL	First exam 2 nd week of March 2021	
		Second exam 2 nd week of May 2021	July 2021
111	HONS/GENERAL	First exam 1 st week of September	
		2020	January 2021
		Second exam 1 st week of November	
		2020	
IV		First exam 2 nd week of March 2021	
	HONS/GENERAL	Second exam 2 nd week of May 2021	July 2021
V	HONS/GENERAL	First exam 1 st week of September	
		2020	January 2021
		Second exam 1 st week of November	
		2020	
VI	HONS/GENERAL	First exam 2 nd week of March 2021	
		Second exam 2 nd week of May 2021	July 2021

ACADEMIC CALENDAR DEPARTMENT OF GEOGRAPHY 2021-22(CBCS SYLLABUS)

PAPER CODE: GEOACORO1T

SEMESTER	HONS/GENERAL	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF
					LECTURES		ANY
I	HONOURS	I	1.Geological Time	S.R	60	July-August	
			Scale				
			2. Isostacy, Models of	S.D		July-August	
			Airy &Pratt				
			3. Plate Tectonics	S.DH		August-	
			4. folds & faults	S.DH		September	
1		П	5.Degradational	M.B		August-	
			Processes			September	
			6.Uniclinal & Folded	M.B		September-	
			Structures			October	
			7. Granitic Basaltic	S.DH			
			Landforms				
			8.Coastal Processes			October-	
			9. Glacial & Glacio-	S.DH		November	
			Fluvial Processes				
			10. Aeolian & Fluvio-	S.DH			
			Aeolian Processes				
			11. Davis, Penck &			December-	
			Hack	M.B		January	

PAPER CODE: GEOACOR01P

						-	
SEMESTER	HONS/GENERAL	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF
					LECTURES		ANY
	HONOURS		1.Megascopic	S.DH	60		
I			Identification of			July -January	
			Rocks & Minerals				
			2. Interpretation of	M.B			
			Geological Maps				

PAPER CODE: GEOACOR02T

SEMESTER	HONS/GENERAL	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF
SEIVIESTER	HUNS/GENERAL	UNIT	TOPIC	TEACHER		DISTRIBUTION	-
					LECTURES		ANY
I	HONOURS		1.Classification&	S.D	60		
			Types of maps				
			2. Concept Of Scales	S.D			
			3. Reference Scheme				
			Of SOI Topographical	M.B		July –	
			maps			December	
			4. Co-ordinate	S.R			
			systems	S.R			
			5. Generating Globe				
			& UTM projection	S.R			
			6. Angular & linear				
			systems of	S.R			
			measurements				
			7. Map Projections	S.R			

PAPER CODE: GEOACOR02P

SEMESTER	HONS/GENERAL	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF
					LECTURES		ANY
	HONOURS		1.Drawing Of Scales	S.D	60		
I			2. SOI Topographical	M.B			
			maps interpretation			July –	
			3. Transect Chart	M.B		December	
			4. Map Projections	S.R			

PAPER CODE - GEOACOROST

SEMESTER	HONS/	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF
	GENERAL				LECTURES		ANY
П	HONOURS	I	Nature and principals of	S.D	30	February-	
			Human Geography-			April	
			Nature, scope, race,				
			ethnicity, society and				
			cultural regions				
II		П	Society, Demography				
			and Ekistics				
			1.Evolution of Human				
			society	SDH	20	February-	
			2.Eskimo, Masai,			March	
			Maori, Population	S.R	30		
			Growth, Demographic			February-	
			transition, Rural and			April	
			Urban settlements				
			3.Population resource	M.B	10	February-	
			regions			March	

PAPER CODE- GEOACORO4T

SEMESTER	HONS/	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTIO	PROJECT
	GENERAL				LECTURE	N	
					S		
	HONOURS		1. Rounding, Scientific		60	February-	
П			notation, Log scale	S.R		March	
			2. Representation of Data-				
			Isopleth, Choropleth, Pie				
			chart, Bar, Dots and Spheres				
			3. Socio-economic maps	SDH		February-	
			4. Land use, Land cover maps	M.B		April	
			5. Prismatic Compass, Dumpy				
			Level, Theodolite	M.B		March-May	

PAPER CODE:-GEOACOR04P

SEMESTER	HONS/GENER AL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTIO N	PROJECT
	HONOURS		1.Representation of Data-		60		
II			Isopleth, Choropleth, Pie chart, Bar, Dots and Spheres	SDH		February- April	
			2.Traverse Survey, Profile				
			Survey, Prismatic Compass,	M.B		March-May	
			Dumpy Level				

PAPER CODE: GEOACOR05T

SEMESTER	HONS/	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT
	GENERAL				LECTURES		
111	HONOURS	I	1.Layers of		60	July-August	
			atmosphere	S.DH			
			2. insolation & Heat			July-August	
			Budget				
			3. temperature			August-	
			4. greenhouse effect			September	
111		=	5.condensation	S.DH		August-	
			6.air mass	M.B		September	
			7. fronts	S.DH		September-	
			8.stability & instability	M.B		October	
			9. jet stream &				
			Planetary winds			October-	
			10. cyclones	S.DH		November	
			11. monsoons				
			12. climatic	S.DH		December-	
			classification			January	

SEMESTER	HONS/GENERAL	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF
					LECTURES		ANY
	HONOURS		1.Weather maps	S.DH	60		
Ш			 Hythergraph, climograph wind- rose 			July -January	

PAPER CODE: GEOACOR05P

PAPER CODE: GEOACORO6T

SEMESTER	HONS/	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF
	GENERAL				LECTURES		ANY
111	HONOURS	I-India	1.Physiographic		60	July-August	
			Divisions of India	M.B			
			2. climate, soil , vegetation			July-August	
			3. population 4. tribes				
			5. Green Revolution				
			6. Minerals, Power			August-	
			Resources			September	
			7. Industry				
			8. Regionalization				
		II- West	9. physical	S.D		August-	
		Bengal	perspective			January	
			10. Agriculture,				
			mining & Industry				
			11. population				
			12. regional issues				

PAPER CODE: GEOACOR07T

SEMESTER	HONS/	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF
	GENERAL				LECTURES		ANY
	HONOURS	I	1.Importance of Statistics	S.R	60	July-August	
			2. types of data	S.R		July-August	
			3. sources of data	S.R			
			4. statistical tables	S.R		August-	
			5. sampling	M.B		September	
			6. frequency Distribution	S.R			
		Ш	7. Measures of Central	S.R		August-	
			tendency	S.R		December	
			8.dispersion	S.R			
			9. association & correlation	S.R			
			10. Regression	S.R			
			11. Time series	S.R			

PAPER CODE: GEOACOR07P

SEMESTER	HONS/GENERAL	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF
					LECTURES		ANY
	HONOURS		1.Data Matrix	S.R	60		
Ш			2. Frequency Table,	S.R		July -January	
			Central Tendency,				
			Dispersion				
			3. Sampling	M.B			
			4. scatter diagram	S.R			

PAPER CODE-GEOSSEC01M

SEMESTER	HONS/ GENERAL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTION	PROJECT IF ANY
111	HONS AND GENERAL		 Principles of remote sensing:- satellites, sensors IRS and Landsat missions FCC, Landsat TM, OLI LULC feature from satellites images 	SD	30	July-December	Project work Done

PAPER CODE:-GEOACOROST

SEMESTER	HONS/ GENERAL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTION	PROJECT
IV	HONOURS	Ι	RegionalPlanning-Concept,typesPrinciples,tools,Techniques,multi-levelplanning in India,Urbanagglomerations	M.B	30	February- April	
IV		II	1.Regional development-growth- indicatorsindicatorsof development, Human development, Under development, Regional development in India 2.2.Cumulative causation(Myrdal),Grow th 	M.B S.R	30 30	February- April February- March	

PAPER CODE- GEOACOR09T

SEMESTER	HONS/ GENERAL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTION	PROJECT/IF ANY
IV	HONOURS	I	Concept of Economic Geography-Goods and services, Production, Consumption, Economic man, Economic distance	S.D	30	February- March	
IV		II	1.Economicactivities-classification,VonThunen,Weber,Agriculture,forestry,Fishing,Mining,Manufacturing,	S.D	30	March-May	
			tertiary activities 2. Mixed farming, sea routes, railways, highways, WTO,GATT,BRICS	S.R	30	February-May	

PAPER CODE:-GEOACOR10T

SEMESTER	HONS/	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT
	GENERAL				LECTURES		
IV	HONOURS	I	Holistic and systems		30	February-	
			approach to			March	
			environment, eco-				
			systems,	SDH			
			environmental				
			problems				
IV		П	Environmental				
			problems and				
			policies- pollution and				
			degradation, waste				
			management,				
			environmental	SDH	30	March-May	
			policies,				
			environmental				
			management				

PAPER CODE:-GEOACOR10P

SEMESTER	HONS/	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/
	GENERAL				LECTURES		IF ANY
IV	HONOURS		1. Questionnaire schedule, check list for EIA	SDH	40	February-May	
			2. Representation of CPCB and WBPCB data	M.B	20	February-April	

PAPER CODE-GEOSSEC02M

SEMESTER	HONS/	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF	DISTRIBUTION	PROJECT
	GENERAL				LECTURES		/IF ANY
IV	HONS and		1. Probability theory,	SR			
	GENERAL		Normal, Binomial and		30	January- June	Project
			Poisson distributions				work
			2. Sampling:				Done
			proportions.				
			3. Correlation and				
			Regression Analysis:				
			Rank order				
			correlation, product				
			moment correlation;				
			linear regression,				
			residuals from				
			regression, and simple				
			curvilinear regression.				
			Introduction to multi-				
			variate analysis.				
			4. Time Series				
			Analysis: Time Series				
			processes; Smoothing				
			time series; Time				
			series components				

PAPER CODE: GEOACOR11T

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SEMESTER	HONS/	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF
	GENERAL				LECTURES		ANY
V	HONOURS	Ι	1.Research Methodology: literature review, research problem, materials & methods, report writing	S.R	60	July- September	
V		Ξ	2. Fieldwork- significance, techniques & tools, landscape survey, sample collection, tabulation	S.R		September- December	

PAPER CODE: GEOACOR11P

SEMESTER	HONS/GENERAL	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF
					LECTURES		ANY
	HONOURS		Preparation of field	M.B	60	July -January	Submission
v			reports				of field
							reports

PAPER CODE: GEOACOR12T

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SEMESTER	HONS/	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF
	GENERAL				LECTURES		ANY
v	HONOURS	I	1.Principles of Remote	M.B	30	July-	
			sensing- satellites,			December	
			sensors, FCC, Landsat				
			TM, OLI, LULC				
v		II	2. GIS & GNSS- raster,	S.D	30	July-	
			vector, overlay			December	
			analysis, waypoints,				
			area & Length				
			calculation				

PAPER CODE: GEOACOR12P

SEMESTER	HONS/GENERAL	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF
					LECTURES		ANY
	HONOURS		1.Remote Sensing &	S.R	60		
v			GIS- georeferencing,			July -January	
			digitization,				
			preparation of				
			thematic maps				
			2. Preparation FCC	M.B			

PAPER CODE:-GEOADSE01T

SEMESTER	HONS/ GENERAL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTION	PROJECT/IF ANY
V	HONOURS	I	Soil Geography-formation, profile, texture, structure, moisture PH, Organic matter, NPK, Soil erosion, Soil classification	МВ	35	February-May	
V		II	Bio Geography- Biosphere, Eco system, Biome, Eco tone, Niche, trophic structure, Bio-geo chemical cycles, Taiga, Tropical and grassland Biome, Conservation of Biodiversity	SDH	40	February-May	

SEMESTER	HONS/	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF
	GENERAL				LECTURES		ANY
V	HONOURS	I	Population dynamics- Concept of demography, population data, population distribution density, growth, classical and modern theories in population distribution and growth	SD	30	February- March	
V		II	Populationanddevelopment-1. Fertility,Mortality,Urbanisation,Migration2. Age-Sex composition,Rural-Urbancomposition,Humandevelopment,PopulationPolicies,Contemporaryissuesin population	SDH SD	30 15	March-May April-May	

PAPER CODE:- GEOADSEOST

PAPER CODE:-GEOACOR1ST

SEMESTER	HONS/	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF
	GENERAL				LECTURES		ANY
VI	HONOURS	I	Nature of pre-modern				
			Geography-				
			contributions of Greek				
			and Chinese, Arab,	SD	45	February-	
			Dark age, Dualism in			March	
			Geography				
VI		Ш	Foundations of				
			modern Geography				
			and recent trends-				
			concept of Germany,		45		
			France, Britain, USA,	SD			
			Contributions of			March-May	
			Humboldt, Ritter,				
			Ratzel, Richthofen,				
			Vidal de La Blache				
			Quantitative				
			revolution, system				
			approach				

PAPER CODE- GEOACOR14T

SEMESTER	HONS/ GENERAL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTION	PROJECT/IF ANY
VI	HONOURS	I	Concept of Hazard and Disaster, Vulnerability,				
			preparedness, Hazard mapping	SDH	30	February- March	
VI		II	Hazard specific study- earth quake, land slide, tropical cyclone, river bank erosion, Radioactive fall out	SDH	30	March-May	

PAPER CODE:-GEOACOR14P

SEMESTE	HONS/GENERA	UNI	ΤΟΡΙϹ	TEACHER	NO.OF	DISTRIBUTI	PROJECT/
R	L	Т			LECTUR	ON	IF ANY
					ES		
VI	HONOURS		Project report based on any				
			one case study of the	SDH	60	February-	
			following- Thunderstorm,			May	
			landslide, Flood, River bank				
			erosion, Fire, industrial				
			accident, structural collapse				

PAPER CODE:-GEOADSEO4T

SEMESTER	HONS/ GENERAL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTION	PROJECT/IF ANY
VI	HONOURS	I	Hydrology- Hydrological cycle, Run off, Infiltration, evapotranspiration, Ground water, Drainage basin	МВ	40	February- March	
VI		II	Oceanography-ocean floor, Physical and chemical properties of ocean water, salinity, marine resources, sea level change	MB	50	March-May	

PAPER CODE:-GEOADSE06T

SEMESTER	HONS/ GENERAL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTION	PROJECT/IF ANY
VI	HONOURS	I	Resource and development- concept, classification, utilization, economic growth and development, global scenario of resource depletion, sustainable development	SR	40	February- April	
VI		Π	Resource conflict and management- mineral resources, energy resources, energy crisis and future scenario, limits to growth and sustainable use of resources	SR	50	March-May	

GEOGRAPHY GENERAL

PAPER CODE-GEOGCOR01T

SEMESTER	HONS/	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT
	GENERAL				LECTURES		/IF ANY
I	GENERAL	I	Geotectonics and Geomorphology				
			1.Scopeofphysical Geography2.Platetectonic,seismic	SR	90	July-August	
			waves, granitic and				
			limestone topography, coastal	SDH		July-November	
			Aeolian processes			July-August	
			3. Normal	МВ		, c	
			cycle of erosion				
1		П	Climatology and Oceanography 1. Insolation and				
			heat budget, distribution of temperature and pressure	МВ		July-October	
			2. Monsoon, Tropical cyclone, climatic classification	SR		July-November	
			3. Hydrological cycle, ocean bottom relief, ocean currents	SD		July-November	

PAPER CODE- GEOGCORO2T

SEMESTER	HONS/	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT
	GENERAL				LECTURES		/IF ANY
Ш	GENERAL	I	Population and Social				
			Geography				
			1. Growth and	SD	90	February-May	
			distribution of world				
			population				
			2. Population	SR			
			composition (age,			February-May	
			gender, literacy),				
			migration, space and				
			society 3. Social issues	мв		Fahmuamu Mau	
			5. Social issues	IVID		February-May	
II		11	Economic and				
			settlement				
			Geography				
			1. Sectors of				
			economy, types of	SDH		February-May	
			agriculture, problem				
			and prospects of				
			Indian industries				
			2. Rural and			F . h	
			Urban settlements, world urbanization	MB		February-May	
			world urbanization				

SEMESTER	HONS/	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTIO	PROJECT/IF
	GENERAL				LECTURES	N	ANY
	GENERAL		1. Map scale	SD		July-August	
			2. Map projection			July-	
			3. SOI	SR	60	November	
			Topographical				
			maps	MB		July-	
			4. Representation			November	
			of data				
			(cartograms)	SDH		July-August	

PAPER CODE-GEOGCOROST

PAPER CODE-GEOGCOROSP

SEMESTER	HONS/ GENERAL	UNIT	ΤΟΡΙϹ		TEACHER	NO.OF LECTURES	DISTRIBUTION	PROJECT
Ш	GENERAL		1. Construction Map scale	of	SD		July-August	
			2. Construction Map projection	of	SR	60	July-November	
			3. Interpetation SOI Topographi	of cal	МВ		July-November	
			maps					

PAPER CODE-GEOGCOR04T

SEMESTER	HONS/ GENERAL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTIO N	PROJECT/IF ANY
IV	GENERAL	I	1.ConceptofEnvironmentalGeography,manenvironmentrelationshipinextreme climate2.System approach,ecosystem	SD MB	90	February-May February-May	
IV		II	 Environmental problems and management Environmental programmes and policies 	SDH SR		February-May February-May	

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SEMESTER	HONS/	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/
	GENERAL				LECTURES		IF ANY
v	GENERAL	I	Soil Geography				
			1. Factors of				
			formation, Soil	SR	90	July-	
			profile			November	
			2. Soil properties	MB			
			(texture, structure,			July-August	
			moisture, PH,				
			organic				
			matter),soil				
			classification	MB			
v		=	Bio Geography				
			1.Biosphere, eco	SDH			
			system, biome, eco			July-October	
			tone, community,				
			succession, energy				
			flow in ecosystem				
			2.Tropical rain forest				
			and grassland biome,				
			bio- geochemical	SD		July-	
			cycles			November	

PAPER CODE-GEOGDSE01T

PAPER CODE-GEOGDSE04P

ſ	SEMESTER	HONS/	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF
		GENERAL				LECTURES		ANY
	VI	GENERAL		Project report based on field work	SD	75	February-May	Field report submitted

TENTATIVE SCHEDULE OF EXAMINATION

	SESSION	-2021-22	
SEMESTER/YEAR	HONS/GENERAL	INTERNAL ASSESSMENT	UNIVERSITY EXAM
I	HONS/GENERAL	First exam 2 nd week of	
		September 2021	January 2022
		Second exam 2 nd week of	
		November 2021	
II	HONS/GENERAL	First exam 2 nd week of	
		March 2022	July 2022
		Second exam 2 nd week of	
		May 2022	
III	HONS/GENERAL	First exam 1 st week of	
		September 2021	January 2022
		Second exam 1 st week of	
		November 2021	
IV		First exam 2 nd week of	
	HONS/GENERAL	March 2022	July 2022
		Second exam 2 nd week of	
		May 2022	
V	HONS/GENERAL	First exam 1 st week of	
		September 2021	January 2022
		Second exam 1 st week of	
		November 2021	
VI	HONS/GENERAL	First exam 2 nd week of	
		March 2022	July 2022
		Second exam 2 nd week of	
		May 2022	

ACADEMIC CALENDAR DEPARTMENT OF GEOGRAPHY 2022-23(CBCS SYLLABUS)

PAPER CODE: GEOACOR01T

SEMESTER	HONS/GENERAL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF
1	HONOURS	1	1.Geological Time	S.R	60	July-August	ANY
			Scale			, ,	
			2. Isostacy, Models of	S.D		July-August	
			Airy &Pratt				
			3. Plate Tectonics	S.DH		August-	
			4. folds & faults	S.DH		September	
I			5.Degradational	M.B		August-	
			Processes			September	
			6.Uniclinal & Folded	M.B		September-	
			Structures			October	
			7. Granitic Basaltic Landforms	S.DH			
			8.Coastal Processes			October-	
			9. Glacial & Glacio-	S.DH		November	
			Fluvial Processes				
			10. Aeolian & Fluvio-	S.DH			
			Aeolian Processes				
			11. Davis, Penck &			December-	
			Hack	M.B		January	

PAPER CODE: GEOACOR01P

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SEMESTER	HONS/GENERAL	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF
					LECTURES		ANY
	HONOURS		1.Megascopic	S.DH	60		
I			Identification of			July -January	
			Rocks & Minerals				
			2. Interpretation of	M.B			
			Geological Maps				

PAPER CODE: GEOACOR02T

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SEMESTER	HONS/GENERAL	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF
					LECTURES		ANY
I	HONOURS		1.Classification&	S.D	60		
			Types of maps				
			2. Concept Of Scales	S.D			
			3. Reference Scheme				
			Of SOI Topographical	M.B		July –	
			maps			December	
			4. Co-ordinate	S.R			
			systems	S.R			
			5. Generating Globe				
			& UTM projection	S.R			
			6. Angular & linear				
			systems of	S.R			
			measurements				
			7. Map Projections	S.R			

PAPER CODE: GEOACOR02P

SEMESTER	HONS/GENERAL	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF
					LECTURES		ANY
	HONOURS		1.Drawing Of Scales	S.D	60		
I			2. SOI Topographical	M.B			
			maps interpretation			July –	
			3. Transect Chart	M.B		December	
			4. Map Projections	S.R			

PAPER CODE - GEOACOROST

SEMESTER	HONS/	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF
	GENERAL				LECTURES		ANY
П	HONOURS	I	Nature and principals of	S.D	30	February-	
			Human Geography-			April	
			Nature, scope, race,				
			ethnicity, society and				
			cultural regions				
II		П	Society, Demography				
			and Ekistics				
			1.Evolution of Human				
			society	SDH	20	February-	
			2.Eskimo, Masai,			March	
			Maori, Population	S.R	30		
			Growth, Demographic			February-	
			transition, Rural and			April	
			Urban settlements				
			3.Population resource	M.B	10	February-	
			regions			March	

PAPER CODE- GEOACORO4T

SEMESTER	HONS/	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTIO	PROJECT
	GENERAL				LECTURE	N	
					S		
	HONOURS		1. Rounding, Scientific		60	February-	
П			notation, Log scale	S.R		March	
			2. Representation of Data-				
			Isopleth, Choropleth, Pie				
			chart, Bar, Dots and Spheres				
			3. Socio-economic maps	SDH		February-	
			4. Land use, Land cover maps	M.B		April	
			5. Prismatic Compass, Dumpy				
			Level, Theodolite	M.B		March-May	

PAPER CODE:-GEOACOR04P

SEMESTER	HONS/GENER AL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTIO N	PROJECT
	HONOURS		1.Representation of Data-		60		
II			Isopleth, Choropleth, Pie chart, Bar, Dots and Spheres	SDH		February- April	
			2.Traverse Survey, Profile				
			Survey, Prismatic Compass,	M.B		March-May	
			Dumpy Level				

PAPER CODE: GEOACOR05T

SEMESTER	HONS/	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT
	GENERAL				LECTURES		
111	HONOURS	I	1.Layers of		60	July-August	
			atmosphere	S.DH			
			2. insolation & Heat			July-August	
			Budget				
			3. temperature			August-	
			4. greenhouse effect			September	
111		=	5.condensation	S.DH		August-	
			6.air mass	M.B		September	
			7. fronts	S.DH		September-	
			8.stability & instability	M.B		October	
			9. jet stream &				
			Planetary winds			October-	
			10. cyclones	S.DH		November	
			11. monsoons				
			12. climatic	S.DH		December-	
			classification			January	

SEMESTER	HONS/GENERAL	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF					
					LECTURES		ANY					
	HONOURS		1.Weather maps	S.DH	60							
Ш			 Hythergraph, climograph wind- rose 			July -January						

PAPER CODE: GEOACOR05P

PAPER CODE: GEOACORO6T

SEMESTER	HONS/	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF
	GENERAL				LECTURES		ANY
111	HONOURS	I-India	1.Physiographic		60	July-August	
			Divisions of India	M.B			
			2. climate, soil , vegetation			July-August	
			3. population 4. tribes				
			5. Green Revolution				
			6. Minerals, Power			August-	
			Resources			September	
			7. Industry				
			8. Regionalization				
		II- West	9. physical	S.D		August-	
		Bengal	perspective			January	
			10. Agriculture,				
			mining & Industry				
			11. population				
			12. regional issues				

PAPER CODE: GEOACOR07T

SEMESTER	HONS/	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF
	GENERAL				LECTURES		ANY
	HONOURS	I	1.Importance of Statistics	S.R	60	July-August	
			2. types of data	S.R		July-August	
			3. sources of data	S.R			
			4. statistical tables	S.R		August-	
			5. sampling	M.B		September	
			6. frequency Distribution	S.R			
		Ш	7. Measures of Central	S.R		August-	
			tendency	S.R		December	
			8.dispersion	S.R			
			9. association & correlation	S.R			
			10. Regression	S.R			
			11. Time series	S.R			

PAPER CODE: GEOACOR07P

SEMESTER	HONS/GENERAL	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF				
					LECTURES		ANY				
	HONOURS		1.Data Matrix	S.R	60						
Ш			2. Frequency Table,	S.R		July -January					
			Central Tendency,								
			Dispersion								
			3. Sampling	M.B							
			4. scatter diagram	S.R							

PAPER CODE-GEOSSEC01M

SEMESTER	HONS/ GENERAL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTION	PROJECT IF ANY
111	HONS AND GENERAL		 Principles of remote sensing:- satellites, sensors IRS and Landsat missions FCC, Landsat TM, OLI LULC feature from satellites images 	SD	30	July-December	Project work Done

PAPER CODE:-GEOACOROST

SEMESTER	HONS/ GENERAL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTION	PROJECT
IV	HONOURS	Ι	RegionalPlanning-Concept,typesPrinciples,tools,Techniques,multi-levelplanning in India,Urbanagglomerations	M.B	30	February- April	
IV		II	1.Regional development-growth- indicatorsindicatorsof development, Human development, Under development, Regional development in India 2.2.Cumulative causation(Myrdal),Grow th 	M.B S.R	30 30	February- April February- March	

PAPER CODE- GEOACOR09T

SEMESTER	HONS/ GENERAL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTION	PROJECT/IF ANY
IV	HONOURS	I	Concept of Economic Geography-Goods and services, Production, Consumption, Economic man, Economic distance	S.D	30	February- March	
IV		II	1.Economicactivities-classification,VonThunen,Weber,Agriculture,forestry,Fishing,Mining,Manufacturing,	S.D	30	March-May	
			tertiary activities 2. Mixed farming, sea routes, railways, highways, WTO,GATT,BRICS	S.R	30	February-May	

PAPER CODE:-GEOACOR10T

SEMESTER	HONS/	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT
	GENERAL				LECTURES		
IV	HONOURS	I	Holistic and systems		30	February-	
			approach to			March	
			environment, eco-				
			systems,	SDH			
			environmental				
			problems				
IV		П	Environmental				
			problems and				
			policies- pollution and				
			degradation, waste				
			management,				
			environmental	SDH	30	March-May	
			policies,				
			environmental				
			management				

PAPER CODE:-GEOACOR10P

SEMESTER	HONS/	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/
	GENERAL				LECTURES		IF ANY
IV	HONOURS		1. Questionnaire schedule, check list for EIA	SDH	40	February-May	
			2. Representation of CPCB and WBPCB data	M.B	20	February-April	

PAPER CODE-GEOSSEC02M

SEMESTER	HONS/	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF	DISTRIBUTION	PROJECT
	GENERAL				LECTURES		/IF ANY
IV	HONS and		1. Probability theory,	SR			
	GENERAL		Normal, Binomial and		30	January- June	Project
			Poisson distributions				work
			2. Sampling:				Done
			proportions.				
			3. Correlation and				
			Regression Analysis:				
			Rank order				
			correlation, product				
			moment correlation;				
			linear regression,				
			residuals from				
			regression, and simple				
			curvilinear regression.				
			Introduction to multi-				
			variate analysis.				
			4. Time Series				
			Analysis: Time Series				
			processes; Smoothing				
			time series; Time				
			series components				

PAPER CODE: GEOACOR11T

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SEMESTER	HONS/	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF
	GENERAL				LECTURES		ANY
V	HONOURS	Ι	1.Research Methodology: literature review, research problem, materials & methods, report writing	S.R	60	July- September	
V		Ξ	2. Fieldwork- significance, techniques & tools, landscape survey, sample collection, tabulation	S.R		September- December	

PAPER CODE: GEOACOR11P

SEMESTER	HONS/GENERAL	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF
					LECTURES		ANY
	HONOURS		Preparation of field	M.B	60	July -January	Submission
v			reports				of field
							reports

PAPER CODE: GEOACOR12T

SEMESTER	HONS/	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF
	GENERAL				LECTURES		ANY
v	HONOURS	I	1.Principles of Remote	M.B	30	July-	
			sensing- satellites,			December	
			sensors, FCC, Landsat				
			TM, OLI, LULC				
v		II	2. GIS & GNSS- raster,	S.D	30	July-	
			vector, overlay			December	
			analysis, waypoints,				
			area & Length				
			calculation				

PAPER CODE: GEOACOR12P

SEMESTER	HONS/GENERAL	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF
					LECTURES		ANY
	HONOURS		1.Remote Sensing &	S.R	60		
v			GIS- georeferencing,			July -January	
			digitization,				
			preparation of				
			thematic maps				
			2. Preparation FCC	M.B			

PAPER CODE:-GEOADSE01T

SEMESTER	HONS/ GENERAL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTION	PROJECT/IF ANY
V	HONOURS	I	Soil Geography-formation, profile, texture, structure, moisture PH, Organic matter, NPK, Soil erosion, Soil classification	МВ	35	February-May	
V		II	Bio Geography- Biosphere, Eco system, Biome, Eco tone, Niche, trophic structure, Bio-geo chemical cycles, Taiga, Tropical and grassland Biome, Conservation of Biodiversity	SDH	40	February-May	

SEMESTER	HONS/	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF
	GENERAL				LECTURES		ANY
V	HONOURS	I	Population dynamics- Concept of demography, population data, population distribution density, growth, classical and modern theories in population distribution and growth	SD	30	February- March	
V		II	Populationanddevelopment-1. Fertility,Mortality,Urbanisation,Migration2. Age-Sex composition,Rural-Urbancomposition,Humandevelopment,PopulationPolicies,Contemporaryissuesin population	SDH SD	30 15	March-May April-May	

PAPER CODE:- GEOADSEOST

PAPER CODE:-GEOACOR1ST

SEMESTER	HONS/	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF
	GENERAL				LECTURES		ANY
VI	HONOURS	I	Nature of pre-modern				
			Geography-				
			contributions of Greek				
			and Chinese, Arab,	SD	45	February-	
			Dark age, Dualism in			March	
			Geography				
VI		Ш	Foundations of				
			modern Geography				
			and recent trends-				
			concept of Germany,		45		
			France, Britain, USA,	SD			
			Contributions of			March-May	
			Humboldt, Ritter,				
			Ratzel, Richthofen,				
			Vidal de La Blache				
			Quantitative				
			revolution, system				
			approach				

PAPER CODE- GEOACOR14T

SEMESTER	HONS/ GENERAL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTION	PROJECT/IF ANY
VI	HONOURS	I	Concept of Hazard and Disaster, Vulnerability,				
			preparedness, Hazard mapping	SDH	30	February- March	
VI		II	Hazard specific study- earth quake, land slide, tropical cyclone, river bank erosion, Radioactive fall out	SDH	30	March-May	

PAPER CODE:-GEOACOR14P

SEMESTE	HONS/GENERA	UNI	ΤΟΡΙϹ	TEACHER	NO.OF	DISTRIBUTI	PROJECT/
R	L	Т			LECTUR	ON	IF ANY
					ES		
VI	HONOURS		Project report based on any				
			one case study of the	SDH	60	February-	
			following- Thunderstorm,			May	
			landslide, Flood, River bank				
			erosion, Fire, industrial				
			accident, structural collapse				

PAPER CODE:-GEOADSEO4T

SEMESTER	HONS/ GENERAL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTION	PROJECT/IF ANY
VI	HONOURS	I	Hydrology- Hydrological cycle, Run off, Infiltration, evapotranspiration, Ground water, Drainage basin	МВ	40	February- March	
VI		II	Oceanography-ocean floor, Physical and chemical properties of ocean water, salinity, marine resources, sea level change	MB	50	March-May	

PAPER CODE:-GEOADSE06T

SEMESTER	HONS/ GENERAL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTION	PROJECT/IF ANY
VI	HONOURS	I	Resource and development- concept, classification, utilization, economic growth and development, global scenario of resource depletion, sustainable development	SR	40	February- April	
VI		Π	Resource conflict and management- mineral resources, energy resources, energy crisis and future scenario, limits to growth and sustainable use of resources	SR	50	March-May	

GEOGRAPHY GENERAL

PAPER CODE-GEOGCOR01T

SEMESTER	HONS/	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT
	GENERAL				LECTURES		/IF ANY
I	GENERAL	I	Geotectonics and Geomorphology				
			1.Scopeofphysical Geography2.Platetectonic,seismic	SR	90	July-August	
			waves, granitic and				
			limestone topography, coastal	SDH		July-November	
			Aeolian processes			July-August	
			3. Normal	МВ		, c	
			cycle of erosion				
1		П	Climatology and Oceanography 1. Insolation and				
			heat budget, distribution of temperature and pressure	МВ		July-October	
			2. Monsoon, Tropical cyclone, climatic classification	SR		July-November	
			3. Hydrological cycle, ocean bottom relief, ocean currents	SD		July-November	

PAPER CODE- GEOGCORO2T

SEMESTER	HONS/	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT
	GENERAL				LECTURES		/IF ANY
Ш	GENERAL	I	Population and Social				
			Geography				
			1. Growth and	SD	90	February-May	
			distribution of world				
			population				
			2. Population	SR			
			composition (age,			February-May	
			gender, literacy),				
			migration, space and				
			society 3. Social issues	мв		Fahmuamu Mau	
			5. Social issues	IVID		February-May	
II		11	Economic and				
			settlement				
			Geography				
			1. Sectors of				
			economy, types of	SDH		February-May	
			agriculture, problem				
			and prospects of				
			Indian industries				
			2. Rural and			F . h	
			Urban settlements, world urbanization	MB		February-May	
			world urbanization				

PAPER C	ODE-GEOGCOROST
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SEMESTER	HONS/	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTIO	PROJECT/IF
	GENERAL				LECTURES	N	ANY
	GENERAL		1. Map scale	SD		July-August	
			2. Map projection			July-	
			3. SOI	SR	60	November	
			Topographical				
			maps	MB		July-	
			4. Representation			November	
			of data				
			(cartograms)	SDH		July-August	

PAPER CODE-GEOGCOROSP

SEMESTER	HONS/ GENERAL	UNIT	ΤΟΡΙϹ		TEACHER	NO.OF LECTURES	DISTRIBUTION	PROJECT
111	GENERAL		1. Construction Map scale	of	SD		July-August	
			2. Construction Map projection	of	SR	60	July-November	
			3. Interpetation SOI Topographi	of cal	МВ		July-November	
			maps					

PAPER CODE-GEOGCOR04T

SEMESTER	HONS/ GENERAL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTIO N	PROJECT/IF ANY
IV	GENERAL	1	1.ConceptofEnvironmentalGeography,manenvironmentrelationshipinextreme climate2.System approach,ecosystem	SD MB	90	February-May February-May	
IV		II	 Environmental problems and management Environmental programmes and policies 	SDH SR		February-May February-May	

SEMESTER	HONS/	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/
	GENERAL				LECTURES		IF ANY
v	GENERAL	I	Soil Geography				
			1. Factors of				
			formation, Soil	SR	90	July-	
			profile			November	
			2. Soil properties	MB			
			(texture, structure,			July-August	
			moisture, PH,				
			organic				
			matter),soil				
			classification	MB			
v		II	Bio Geography				
			1.Biosphere, eco	SDH			
			system, biome, eco			July-October	
			tone, community,				
			succession, energy				
			flow in ecosystem				
			2. Tropical rain forest				
			and grassland biome,				
			bio- geochemical	SD		July-	
			cycles			November	

PAPER CODE-GEOGDSE01T

PAPER CODE-GEOGDSE04P

SEMESTER	HONS/	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF
	GENERAL				LECTURES		ANY
VI	GENERAL		Project report based on field work	SD	75	February-May	Field report submitted

TENTATIVE SCHEDULE OF EXAMINATION

SESSION-2022-23

SEMESTER/YEAR	HONS/GENERAL	INTERNAL ASSESSMENT	UNIVERSITY EXAM
I	HONS/GENERAL	First exam 2 nd week of	
		September 2022	January 2023
		Second exam 2 nd week of	
		November 2022	
II	HONS/GENERAL	First exam 2 nd week of	
		March 2023	July 2023
		Second exam 2 nd week of	
		May 2023	
III	HONS/GENERAL	First exam 1 st week of	
		September 2022	January 2023
		Second exam 1 st week of	
		November 2022	
IV		First exam 2 nd week of	
	HONS/GENERAL	March 2022	July 2022
		Second exam 2 nd week of	
		May 2022	
V	HONS/GENERAL	First exam 1 st week of	
		September 2022	January 2023
		Second exam 1 st week of	
		November 2022	
VI	HONS/GENERAL	First exam 2 nd week of	
		March 2023	July 2023
		Second exam 2 nd week of	
		May 2023	

DEPARTMENTOFGEOGRAPHY 2023-24(NEP SYLLABUS)

PAPER CODE: GEOADS01T

SEMESTER	HONS/GENERAL	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF
					LECTURES		ANY
					(60)		
I	MAJOR	I	1. Internal	S.R	6	July-August	
			Structure(Earth)				
			2. Granite and Basaltic		5	July-August	
			Landforms.		5		
			3. Exogenetic&	S.D		August-	
			Endogenetoic Forces		6	September	
						-	
			4. Fluvial Landforms	S.Dh			
			5. Hazards (India)		12		
-			6.Layers of	M.B	5	August-	
			Atmosphere		-	September	
			7. Pressure Belts, Jet	M.B	6	September-	
			Streams.			October	
			8. Soil Formation.	S.R			
			9. Soil Profile.	•	15	October-	
						November	
			10. Concept of Eco-				
			system.	S.Dh	5	December-	
			11.Concept of Biome	5.51		January	
						January	

PAPER CODE: GEOADS01P

SEMESTER	HONS/GENERAL	UNIT	TOPIC	TEACHE	NO.OF	DISTRIBUTION	PROJECT/IF
				R	LECTURES		ANY
	MAJOR		1.Linear Scale	S.D.	60	July-August	
1			2.Altimetric Curve, Physiographic Zones 3.Drainage, Geomorphic, Settlement, Transport (Topographical Sheet) 4.Drainage & Channel Patterns(Topographic al Sheet) 5.Wind Rose	S.R M.B M.B M.B S.Dh		August July-October November- December July-August	

PAPER CODE: GEOSE-01M-REMOTE SENSING

SEMESTER	HONS/GENERAL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES (45)	DISTRIBUTION	PROJECT/IF ANY
I	MAJOR		1.Principles of remote Sensing 2.Sensor Resolution of IRS and Landsat Mission 3.Preparation of FCC	S.D	25	July-August August July-October	yes
			from IRS and Landsat, TM,OLI 4. Preparation of LULC Features from Satellite Imageries	M.B	20	November- December July-August	

PAPER CODE: GEOADS02T

SEMESTER	HONS/GENERAL	UNIT	ΤΟΡΙΟ	TEACH	NO.OF	DISTRIBUTION	PROJECT/IF
		•••••		ER	LECTURES (45)		ANY
II	MAJOR	Ι	 Introduction to Human Geography Approaches to Human 	S.D S.D	10	February-April	
			Geography	•			
II		II	3.Evolution of Human Societies	S.Dh	17	March	
			4.Human Adaptation to Environment	M.B		April	
			5.Distribution,Density,Grow th(World Population)	S.R		May	
			6.Demographic Transition Theory			June	
11		III	7.Sectors of Economy 8.Types of Agriculture 9.Site,Situation,types,	S.Dh	18	March- April	
			patterns(Rural Settlements) 10.Classification(Urban Settlements)	M.B		May-July	

PAPER CODE: GEOADS02P

SEMESTER	HONS/GENERAL	UNIT	ΤΟΡΙΟ	TEACH	NO.OF	DISTRIBUTION	PROJECT/IF
	, -	_		ER	LECTURES		ANY
Ш	MAJOR		1. Growth Rate of Population of two		60	July	
			decadal datasets 2. Choropleth Map	S.Dh		March	
			3. Types of Settlements(Topographi cal Map)	M.B		March-May	
			4. Transect Chart 5. Proportional Pie			July	
			Diagrams & Proportional Square Diagram	S.D		April-June	

				-	-	
SEMESTER	HONS/GENERAL	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION
					LECTURES	
					(75)	
I	MINOR	I	1. Internal	S.R	6	July-August
			Structure(Earth)			
			2. Granite and Basaltic		6	July-August
			Landforms.		0	
			3. Exogenetic &	S.D		August-
			Endogenetoic Forces		8	September
						-
			4. Fluvial Landforms	S.Dh	45	
			5. Hazards (India)		15	
		11	6.Layers of	M.B	6	August-
			Atmosphere		_	September
			7. Pressure Belts, Jet	M.B	8	September-
			Streams.			October
			8. Soil Formation.	S.R		October-
			9. Soil Profile.		18	November
			10. Concept of Eco-			
			system.			December-
			11.Concept of Biome	S.Dh	8	January
			TT.Concept of Bioline	0.211		··· ·· /

PAPER CODE: GEOAHM01T

PAPER CODE: GEOHM02T

SEMESTER	HONS/GE NERAL	UNIT	ТОРІС	TEACHER	NO.OF LECTURES (75)	DISTRIBUTION	PROJECT/IF ANY
II	MINOR	I	I. Introduction to Human Geography 2. Approaches to Human Geography	S.D S.D	20	February-April	
11		II	3.Evolution of Human Societies	S.Dh	27	March	
			4.Human Adaptation to Environment 5.Distribution,Density, Growth(World Population)	M.B		April May	
			6.Demographic Transition Theory	S.R		June	
11		III	7.Sectors of Economy 8.Types of Agriculture 9.Site,Situation,types, patterns(Rural	S.Dh	28	March-April May-July	
			Settlements) 10.Classification(Urban Settlements)	M.B			

SEMESTER	HONS/G	UNIT	TOPIC	TEACHER	NO.OFLE	DISTRIBUTIO	PROJECT
	ENERAL				CTURE	N	
					S		
	HONOURS		1. Rounding, Scientific		60	February-	
II			notation, Log scale	S.R		March	
			2. Representation of Data-				
			Isopleths, Choropleth, Pie				
			chart, Bar, Dots and Spheres				
			3. Socio-economic maps	SDH		February-	
			4. Landuse, Landcover maps	M.B		April	
			5. Prismatic Compass, Dumpy				
			Level, Theodolite	M.B		March-May	

PAPER CODE-GEOACOR04T

PAPER CODE:-GEOACOR04P

SEMESTER	HONS/GENER AL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTIO N	PROJECT
II	HONOURS		1. Representation of Data- Isopleth, Choropleth, Pie chart, Bar, Dots and Spheres	SDH	60	February- April	
			2. Traverse Survey, Profile Survey, Prismatic Compass, Dumpy Level	M.B		March-May	

PAPER CODE: GEOACOR05T

SEMESTER	HONS/ GENERAL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTION	PROJECT
	HONOURS	I	1. Layers of		30	July-August	
			atmosphere	S.DH			
			2. insolation&Heat			July-August	
			Budget				
			3. temperature			August-	
			4. greenhouse effect			September	
III		=	5. condensation	S.DH	30	August-	
			6. air mass	M.B		September	
			7. fronts	S.DH		September-	
			8. stability instability	M.B		October	
			9. jet stream &				
			Planetary winds			October-	
			10. cyclones	S.DH		November	
			11. monsoons				
			12. climatic	S.DH		December-	
			classification			January	

PAPER CODE:GEOACOR05P

SEMESTER	HONS/GENERAL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTION	PROJECT/IF ANY
ш	HONOURS		 Weather maps Hythergraph, climograph wind-rose 	S.DH	60	July-January	

SEMESTER	HONS/ GENERAL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTION	PROJECT/IF ANY
III	HONOURS	I-India	1. Physiographic		60	July-August	
			Division of India	M.B			
			2. climate, soil,			July-August	
			vegetation				
			3. population				
			4. tribes				
			5. Green Revolution				
			6. Minerals, Power			August-	
			Resources			September	
			7. Industry				
			8. Regionalization				
III		II-West	9. Physical	S.D		August-	
		Bengal	perspective			January	
		_	10. Agriculture,			-	
			mining & Industry				
			11. population				
			12. regional issues				

PAPER CODE:GEOACOR06T

PAPER CODE:GEOACOR07T

SEMESTER	HONS/ GENERAL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTION	PROJECT/IF ANY
ш	HONOURS	I	1. Importance of Statistics	S.R	60	July-August	
			2. Types of data	S.R		July-August	
			3. Sources of data	S.R			
			4. Statistical tables	S.R		August-	
			5. sampling	M.B		September	
			6. frequency Distribution	S.R			
		II	7. Measures of Central	S.R		August-	
			tendency	S.R		December	
			8. dispersion	S.R			
			9. association &correlation	S.R			
			10. Regression	S.R			
			11. Time series	S.R			

PAPER CODE:GEOACOR07P

			I M EK CODE.O	Loncom	,,1		
SEMESTER	HONS/GENERAL	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTION	PROJECT/IF
					LECTURES		ANY
	HONOURS		1. Data Matrix	S.R	60		
III			2. Frequency Table,	S.R		July-January	
			Central Tendency,				
			Dispersion				
			3. Sampling	M.B			
			4. Scatter diagram	S.R			

SEMESTER	HONS/ GENERAL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTION	PROJECT IFANY
	HONSAND GENERAL		 Principles of remote sensing:- satellites, sensors IRS and Landsat missions FCC, Landsat TM, OLI LULC feature from Satellites images 	SD	30	July-December	Project work Done

PAPERCODE-GEOSSEC01M

PAPER CODE:-GEOACOR08T

SEMESTER	HONS/ GENERAL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTION	PROJECT
IV	HONOURS	I	RegionalPlanning-Concept,typesPrinciples,tools,Techniques,multi-levelplanning in India,Urbanagglomerations	M.B	30	February- April	
IV		II	1.Regional development- growth- indicatorsindicatorsof development, Human development, Under development, Regional development in India 2.2.Cumulative causation (Myrdal), Growth pole, Stages of 	M.B S.R	30 30	February- April February- March	

PAPER CODE-GEOACOR09T

SEMESTER	HONS/ GENERAL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTION	PROJECT/IF ANY
IV	HONOURS	I	Concept of Economic Geography-Goods and services, Production, Consumption, Economic man, Economic distance	S.D	30	February- March	
IV		II	1. Economic activities- classification, Von Thunen, Weber, Agriculture, forestry, Fishing, Mining, Manufacturing, tertiary activities 2. Mixed farming, searoutes, railways, highways, WTO, GATT, BRICS	S.D S.R	30 30	March-May February-May	

PAPER CODE:-GEOACOR10T

SEMESTER	HONS/ GENERAL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTION	PROJECT
IV	HONOURS	I	Holistic and systems approach to environment, eco- systems, environmental problems	SDH	30	February- March	
IV		II	Environmental problems and policies-pollution and degradation, waste management, environmental policies, environmental management	SDH	30	March-May	

PAPER CODE:-GEOACOR10P

	SEMESTER	HONS/ GENERAL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTION	PROJECT/ IFANY
Ī	IV	HONOURS		1. Questionnaire schedule, checklist for EIA	SDH	40	February-May	
				2. Representation of CPCB and WBPCB data	M.B	20	February-April	

PAPER CODE-GEOSSEC02M

SEMESTER	HONS/ GENERAL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTION	PROJECT /IFANY
IV	HONS and GENERAL		1. Probability theory, Normal, Binomial and Poisson distributions2. Sampling: proportions.3. Correlation and Regression Analysis: Rank order correlation, product moment correlation; linear regression, residuals from regression, and simple curvilinear regression. Introduction to multi- 	SR	30	January-June	Project work Done

PAPER CODE:GEOACOR11T

SEMESTER	HONS/ GENERAL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTION	PROJECT/IF ANY
V	HONOURS	I	1.Research Methodology: literature review, research problem, materials &methods, report writing	S.R	60	July- September	
v		11	 Fieldwork- significance, techniques &tools, landscape survey, sample collection, tabulation 	S.R		September- December	

PAPER CODE:GEOACOR11P

SEMESTER	HONS/GENERAL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTION	PROJECT/IF ANY
v	HONOURS		Preparation of field reports	M.B	60	July-January	Submission of field
							reports

PAPER CODE:GEOACOR12T

SEMESTER	HONS/ GENERAL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTION	PROJECT/IF ANY
V	HONOURS	I	1.PrinciplesofRemote sensing- satellites, sensors, FCC, Landsat TM,OLI,LULC	M.B	30	July- December	
V		I	2. GIS & GNSS- raster, vector, overlay analysis, waypoints, area & Length calculation	S.D	30	July- December	

PAPER CODE:GEOACOR12P

SEMESTER	HONS/GENERAL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTION	PROJECT/IF ANY
v	HONOURS		1. Remote Sensing & GIS-georeferencing, digitization, preparation of thematic maps 2. Preparation of FCC	S.R M.B	60	July-January	

PAPER CODE:-GEOADSE01T

SEMESTER	HONS/ GENERAL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTION	PROJECT/IF ANY
V	HONOURS	I	Soil Geography-formation, profile, texture, structure, moisture PH, Organic matter, NPK, Soil erosion, Soil classification	МВ	35	February-May	
V		II	Bio Geography- Biosphere, Eco system, Biome, Eco tone, Niche, trophic structure, Bio-geochemical cycles, Taiga, Tropical and grassland Biome, Conservation of Biodiversity	SDH	40	February-May	

SEMESTER	HONS/ GENERAL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTION	PROJECT/IF ANY
V	HONOURS	I	Population dynamics- Concept of demography, population data, population distribution density, growth, classical and modern theories in population distribution and growth	SD	30	February- March	
V		II	Population and development- 1. Fertility, Mortality, Urbanisation, Migration 2. Age-Sex composition, Rural-Urban composition, Human Development 3. Population Policies, Contemporary issues	SDH SD	30 15	March-May April-May	

PAPERCODE:-GEOADSE03T

PAPER CODE:-GEOACOR13T

SEMESTER	HONS/ GENERAL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTION	PROJECT/IF ANY
VI	HONOURS	I	Nature of pre-modern Geography- contributions of Greek and Chinese, Arab, Dark age, Dualism in Geography	SD	45	February- March	
VI		II	Foundations of modern Geography and recent trends- concept of Germany, France, Britain, USA, Contributions of Humboldt, Ritter, Ratzel, Richthofen, Vidal de La Blache Quantitative revolution, system approach	SD	45	March-May	

PAPER CODE-GEOACOR14T

SEMESTER	HONS/ GENERAL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTION	PROJECT/IF ANY
VI	HONOURS	I	Concept of Hazard and Disaster, Vulnerability, preparedness, Hazard mapping	SDH	30	February- March	
VI		II	Hazard specific study- earth quake, land slide, tropical cyclone, river bank erosion, Radioactive fallout	SDH	30	March-May	

PAPERCODE:-GEOACOR14P

SEMESTE	HONS/GENERA	UNI	ΤΟΡΙϹ	TEACHER	NO.OFLECT	DISTRIBUTI	PROJECT/
R	L	т			UR	ON	IFANY
					ES		
VI	HONOURS		Project report based on any				
			one case study of the	SDH	60	February-	
			following- Thunderstorm,			May	
			landslide, Flood, River bank				
			erosion, Fire, industrial				
			accident, structural collapse				

PAPER CODE:-GEOADSE04T

SEMESTER	HONS/ GENERAL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTION	PROJECT/IF ANY
VI	HONOURS	I	Hydrology- Hydrological cycle, Runoff, Infiltration, evapotranspiration, Ground water, Drainage basin	МВ	40	February- March	
VI		II	Oceanography-ocean floor, Physical and chemical properties of ocean water, salinity, marine resources, sea level change	МВ	50	March-May	

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SEMESTER	HONS/ GENERAL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTION	PROJECT/IF ANY
VI	HONOURS	I	Resourceanddevelopment-concept,classification,utilization,economicgrowthanddevelopment,globalscenarioofresourcedepletion,sustainabledevelopment	SR	40	February- April	
VI		II	Resource conflict and management- mineral resources, energy resources, energy crisis and future scenario, limits to growth and sustainable use of resources	SR	50	March-May	

GEOGRAPHY GENERAL

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SEMESTER	HONS/ GENERAL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTION	PROJECT /IFANY
I	GENERAL	I	Geotectonic and Geomorphology 1. Scope of physical Geography 2. Plate tectonic, seismic	SR	90	July-August	
			waves, granitic and limestone topography, coastal Aeolian processes 3. Normal	SDH MB		July-November July-August	
			Cycle of erosion	IVIB			
I		11	Climatology and Oceanography 1. Isolation and heat budget, distribution of temperature and pressure 2. Monsoon, Tropical cyclone, climatic	MB SR		July-October July-	
			classification 3. Hydrological cycle, ocean bottom relief, ocean currents	SD		November- July-November	

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SEMESTER	HONS/ GENERAL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTION	PROJECT /IFANY
II	GENERAL	I	Population and Social Geography 1. Growth and distribution of world population	SD	90	February-May	
			2. Population composition (age, gender, literacy), migration, space and society 3. Social issues	SR MB		February-May	
				IVIB		February-May	
11		II	Economic and settlement Geography 1. Sectors of economy, types of agriculture, problem and prospects of Indian industries 2. Rural and Urban settlements, world urbanization	SDH MB		February-May February-May	

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SEMESTER	HONS/	UNIT	TOPIC	TEACHER	NO.OF	DISTRIBUTIO	PROJECT/IF
	GENERAL				LECTURES	N	ANY
III	GENERAL		1. Map scale	SD		July-August	
			2. Map projection			July-	
			3. SOI	SR	60	November	
			Topographical				
			maps	MB		July-	
			4. Representation			November	
			of data				
			(cartograms)	SDH		July-August	

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SEMESTER	HONS/ GENERAL	UNIT	ТОРІС	TEACHER	NO.OF LECTURES	DISTRIBUTION	PROJECT
Ш	GENERAL		1. Construction of Map scale	SD		July-August	
			2. Construction of Map projection	SR	60	July-	
			3. Interpretation of SOI Topographical	МВ		November-	
			maps			July-November	

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SEMESTER	HONS/ GENERAL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTIO N	PROJECT/IF ANY
IV	GENERAL	I	1.ConceptofEnvironmentalGeography,manenvironmentrelationshipinextreme climate2.System approach,ecosystem	SD MB	90	February-May February-May	
IV		II	 Environmental problems and management Environmental programmes and policies 	SDH SR		February-May February-May	

SEMESTER	HONS/ GENERAL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTION	PROJECT/ IFANY
v	GENERAL	I	Soil Geography 1. Factors of formation, Soil profile 2. Soil properties	SR	90	July- November	
			(texture, structure, moisture, PH, organic matter), soil classification	MB MB		July-August	
V		II	Bio Geography 1.Biosphere,eco system, biome, eco tone, community, succession, energy flow in ecosystem 2.Tropical rain forest and grassland biome, bio-geochemical	SDH SD		July-October July-	
			cycles	02		November	

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SEMESTER	HONS/ GENERAL	UNIT	ΤΟΡΙϹ	TEACHER	NO.OF LECTURES	DISTRIBUTION	PROJECT/IF ANY
VI	GENERAL		Project report based on field work	SD	75	February-May	Field report submitted

TENTATIVESCHEDULEOFEXAMINATION

SESSION-2023-24

SEMESTER/YEAR	HONS/GENERAL	INTERNALASSESSMENT	UNIVERSITYEXAM
I	HONS/GENERAL/MAJOR/MINOR	First exam 2 nd week of September 2023	January2024
		Second exam 2 nd week of	
II	HONS/GENERAL/MAJOR/MINOR	November2023 First exam 2 nd week of March2024	1
		Second exam 2 nd week of May 2024	July2024
III	HONS/GENERAL	First exam 1 st week of September 2023 Second exam 1 st week of	January2024
IV	HONS/GENERAL	November2023 First exam 2 nd week of March2024	July2024
		Second exam 2 nd weekof May 2024	
V	HONS/GENERAL	First exam 1 st week of September 2023 Second exam 1 st week of November 2023	January2024
VI	HONS/GENERAL	First exam 2 nd week of March2024 Second exam 2 nd week of May 2024	July2024