

Name of Programme	Paper & Course Title	Unit wise Descriptions	Cross Cutting Issues			
			Professional Ethics	Gender Issues	Human Values	Environment & Sustainability
B.A. I SEMESTER	PAPER - I Fundamental Of Physical Geography (THEORY)	UNIT - I Lithosphere	✓			✓
		UNIT - II Rocks, Weathering & Erosion	✓		✓	✓
		UNIT - III Atmosphere	✓		✓	✓
		UNIT - IV Hydrosphere	✓		✓	✓
	PAPER - II Scale and Graphs (PRACTICAL)	UNIT - I scale	✓			✓
		UNIT - II Methods of Showing Relief Contour	✓		✓	✓
B.A. II SEMESTER	PAPER - I Fundamental Of Human Geography (THEORY)	UNIT - I Introduction to Human Geography		✓	✓	✓
		UNIT - II Population and Settlement		✓	✓	✓
		UNIT - III Human Races	✓		✓	✓
		UNIT - IV Geography and Development	✓		✓	✓
	PAPER - II Geographical Methods of the Statistical Technique (PRACTICAL)	UNIT - I One Dimensional Diagram	✓			✓
		UNIT - II Distributional Maps	✓			✓
		UNIT - III Map projection	✓			✓
		UNIT - IV Cylindrical Projection	✓			✓
B.A. III SEMESTER	PAPER - I Systematic Geography of India (THEORY)	UNIT - I Physical Setup			✓	✓
		UNIT - II Natural Resources	✓		✓	✓
		UNIT - III People and Economy	✓		✓	✓
		UNIT - IV Regionalization			✓	✓
	PAPER - II Study Of Topographical Sheet And Indian Weather Maps (PRACTICAL)	UNIT - I History Of Indian Topographical Map	✓			✓
		UNIT - II Method of Study of Topographical map	✓			✓
		UNIT - III Indian Weather Maps	✓			✓
		UNIT - IV Interpretation Of Indian Daily Weather Maps	✓			✓
	PAPER - DSE Geography Of Health (THEORY)	UNIT - I Nature, scope and importance of geography of health	✓		✓	✓
		UNIT - II Geographical factors affecting human health and diseases	✓		✓	✓
		UNIT - III Classification and type of diseases	✓		✓	✓
		UNIT - IV Problems of mal-nutrition in India	✓		✓	✓
	PPAPER - DSE Map Projection and Quantitative Techniques (PRACTICAL)	UNIT - I Map Projection	✓			✓
		UNIT - II Quantitative Techniques	✓			✓
B.A. IV SEMESTER	PAPER - I Economic Geography (THEORY)	UNIT - I Definition, Scope and development of economic geography	✓		✓	✓
		UNIT - II Agricultural Economy	✓		✓	✓
		UNIT - III Factors Affecting location of Economic Activity	✓		✓	✓
		UNIT - IV Trade and Commerce	✓		✓	✓
	PAPER - II Field Survey- Instrumental (PRACTICAL)	UNIT - I Importance of Field Survey	✓		✓	✓
		UNIT - II Chain and Tape Survey	✓		✓	✓
		UNIT - III Prismatic Compass Survey	✓			✓
		UNIT - IV Plane Table Survey	✓			✓
	PAPER - DSE Disaster Management (THEORY)	UNIT - I Concept of Hazards & Disasters			✓	✓
		UNIT - II Disaster management cycle	✓		✓	✓
		UNIT - III Detail study of nature and characteristics of hazards	✓		✓	✓
		UNIT - IV Indigenous community based disaster preparedness			✓	✓
PPAPER - DSE Map Projection	UNIT - I Map Projection	✓			✓	

	Principle of map projection (PRACTICAL)	UNIT - II Cylindrical Map Projection	✓			✓	
B.A. V SEMESTER	REMOTE SENSING AND GIS	UNIT - I Basics of Remote Sensing	✓			✓	
		UNIT - II Types of Remote Sensing	✓			✓	
		UNIT - III Visual and Digital image processing techniques	✓			✓	
		UNIT - IV Introduction of GIS	✓			✓	
		UNIT - V Data model and data analysis	✓			✓	
B.A. VI SEMESTER	PAPER - I GEOGRAPHY OF CHHATTISGARH (THEORY)	UNIT - I Physical Features			✓	✓	
		UNIT - II Natural Resources	✓		✓	✓	
		UNIT - III Agriculture and Population	✓		✓	✓	
		UNIT - IV Industries	✓		✓	✓	
		UNIT - V Trade and Transport	✓		✓	✓	
	PAPER - II PRACTICAL	UNIT - I Graphical Representation	✓				✓
		UNIT - II Topographical Sheets	✓				✓
		UNIT - III Satellite Imageries	✓				✓
		UNIT - IV Surveying	✓				✓
		UNIT - V Field work and field report	✓		✓		✓

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			Professional Ethics	Gender Issues	Human Values	Environment & Sustainability	
M.A. Sem. I	PAPER - I GEOMORPHOLOGY	Unit-1st Basics and Concept of Geomorphology			✓	✓	
		Unit - 2nd Origin of Continents and Ocean Basins and Tectonics Movements				✓	
		Unit - 3rd Endogenetic Forces				✓	
		Unit - 4th Geomorphic Land Forms and applied geomorphology			✓	✓	
	PAPER-II PRACTICAL - 1: ADVANCED CARTOGRAPHY	Graphs and Diagrams ,Thematic Maps & Morphometric Analysis	✓			✓	
		Unit - 1st Climate System				✓	
		Unit - 2nd Applied Climatology	✓			✓	
			Unit - 3rd Air Masses and Fronts				✓
			Unit - 4th Classification of Climate				✓
			Unit- 1st Physical and Biological elements in the C			✓	
Unit- 2nd Agriculture & Agricultural regions			✓		✓	✓	

	<p align="center">Unit- 3rd</p> <p>Sources of power, Mineral, Industries, Transport Network & Trade</p>	✓		✓	✓
	<p align="center">Unit- 4th</p> <p>Regional division of India</p>	✓			✓
	<p>1- Engage in social service. 2- Reflect upon larger issues that affect communities through readings and discussions. 3- Integrate academic learning and community engagement through practical field work. 4- Develop awareness, knowledge and skills for working with diverse groups in the society.</p>	✓		✓	✓
	<p align="center">Unit - 1st</p> <p>Definition and Scope of Political Geography</p>				✓
	<p align="center">Unit - 2nd</p> <p>Political Geography: Approaches , Schools and Methodology</p>			✓	✓
	<p align="center">Unit - 3rd</p> <p>Physical Elements in Political Geography</p>			✓	✓
	<p align="center">Unit - 4th</p> <p>Geographical Study of International Organization</p>	✓			✓
	<p align="center">Unit - 1st</p> <p>Environment</p>			✓	✓
	<p align="center">Unit - 2nd</p> <p>Environment and development</p>	✓		✓	✓
	<p align="center">Unit- 3rd</p> <p>Environmental hazards</p>	✓			✓
	<p align="center">Unit - 4th</p> <p>Environmental Management</p>	✓			✓
	<p align="center">Unit - 1th</p> <p>Nature and scope of Oceanography</p>				✓
	<p align="center">Unit - 2nd</p> <p>Interlink between atmospheric circulation</p>				✓

		Unit- 3rd Marine biological environment	✓			✓
		Unit - 4th Impact of Humans on the marine environment			✓	✓
		Unit - 1st The Field of geography			✓	✓
		Unit - 2nd The growth of geographical knowledge from earliest times up to the 15th century			✓	✓
		Unit- 3rd Scientific explanations	✓			
		Unit - 4th Responses to positivism, behaviourism and humanistic			✓	✓
		Map Projections, Interpretation of Maps & Principles and methods of topographical surveying	✓			✓
		Unit - 1st CONCEPT OF RESEARCH	✓			
		Unit - 2nd TOOLS OF RESEARCH	✓			
		Unit- 3rd METHODS OF RESEARCH	✓			
		Unit - 4th TREATMENT OF DATA	✓			
		Unit - 5th Computer Fundamentals	✓			
		Unit - 6th Office Software Package	✓			
		Unit - 1st Essentials of Biogeography				✓
		Unit - 2nd Spatial Dimensions in Biogeography				✓
	PAPER - VI BIO GEOGRAPHY	Unit- 3rd Dynamic biogeography	✓		✓	✓

		Unit - 4th Soils and Biomas	✓		✓	✓	
	PAPER - I RURAL SETTLEMENT GEOGRAPHY	Unit - 1st Bases, Evolution and Models	✓		✓	✓	
		Unit - 2nd Spatiality and Histogenesis			✓	✓	
			Unit- 3rd Rural Dwellings	✓		✓	✓
			Unit - 4th Indian Village	✓		✓	✓
			Unit - 1st Nature, scope and significance of geography of health	✓		✓	✓
			Unit - 2nd Geographical factors affecting human health and diseases	✓		✓	✓
			Unit- 3rd Classification of diseases	✓		✓	✓
			Unit - 4th Diffusion of diseases and causes	✓		✓	✓
			Unit - 1st Scope, content and recent trends in economic Geography	✓		✓	✓
			Unit - 2nd Factors of location of economic activities	✓		✓	✓
			Unit- 3rd Case studies of selected industries	✓		✓	✓
			Unit - 4th Typology of markets, market network in rural societies	✓		✓	✓
	PAPER - IV REMOTE SENSING , GIS AND QUANTITATIVE TECHNIGUES		Remote sensing, GIS & Quantitative Techniques	✓			✓
			Unit - 1st Introduction, Nature, Basic Concepts and International Conventions	✓			
			Unit - 2nd Law of Copyright	✓			
			Unit- 3rd Law of Patents	✓			✓

		Unit - 4th Law of Trademark	✓			
	PAPER - VI AGRICULTURAL GEOGRAPHY	Unit - 1st Nature, scope, significance and development of agricultural geography	P			
			P		P	P
		Unit- 3rd Theories of agricultural location based on several multi-dimensioned factors	✓		✓	✓
		Unit - 4th Agriculture in India	✓		✓	✓
		Unit - 1st Regional Planning: Definition, Scope, evolution and Objectives	✓		✓	✓
		Unit - 2nd Regional Development Theories	✓		✓	✓
		Unit- 3rd Approaches and Strategies of Regional Development	✓		✓	✓
		Unit - 4th Regional Planning in India. Regional Imbalances and Inequalities	✓		✓	✓
		Unit - 1st Nature, scope and contents of Population Geography			✓	
		Unit - 2nd Spatial pattern of distribution - distribution, density and growth of population			✓	
		Unit- 3rd Composition of Population: Age and Sex composition		✓	✓	
		Unit - 4th		✓	✓	
		Unit - 1st Definition, Objective and Scope of Urban Geography			✓	
		Unit - 2nd Internal structure: Morphology and Land use	✓		✓	
		Unit- 3rd Centrifugal and Centripetal forces in Geography	✓		✓	
		Unit - 4th Contemporary Urban Issues	✓		✓	

		Dissertation / Project work - Topic given by the Department	✓	✓	✓	✓
	PAPER - V PRACTICAL SOCIO ECONOMIC SURVEY	Socio-Economic Survey Rreport : Village Level	✓	✓	✓	✓
		Unit - 1st Basics of tourism	✓		✓	✓
		Unit - 2nd Geography of tourism	✓		✓	✓
		Unit- 3rd Indian Tourism	✓		✓	✓
		Unit - 4th Tourism circuits-short and longer	✓		✓	✓