

Rajeev Gandhi Govt. Post Graduate College Ambikapur

Surguja, Chhattisgarh

POSTGRADUATE PROGRAMME (M.A.)
IN
GEOGRAPHY
Choice Based Credit System(CBCS)



Session 2023-24

Programme Outcome and Course Outcome
Mapping

Rajeev Gandhi Govt. Post Graduate College Ambikapur

Surguja, Chhattisgarh

M.A. Geography

Programme Outcome

Programme outcomes (POs) are specific types of knowledge and skills that students are expected to acquire in the program and to be able to demonstrate upon completion. The Department expects that students who major in geography will be skilled in disciplinary theories, methodologies, and content. These expectations ground the following learning goals and objectives for undergraduate and graduate majors. Upon completion of the **Master of Arts in Geography**, students will be able to demonstrate the following: -

PO-1. Understand the theoretical and applied aspects of geography as a branch of Knowledge and demonstrate an advanced understanding of and ability to differentiate among the various methodologies used in geographic research.

PO-2. Compare and contrast the theories, philosophies, and concepts in the discipline of geography, including unifying themes of spatial patterns and structures, the interrelationship between people and places, and the interactions between nature and society.

PO-3. Develop their field observations, data gathering and interpretations skill.

PO-4. Comprehend key methodological and different approaches to interpret geographical facts.

PO-5. Enhance their practical skill through field visits and firsthand experience of tools/equipment.

PO-6. Identify frontier area of research and sub-branches of geography for further research.

PO-7. Broaden their job prospects in qualifying various competitive examinations and join various industries and research institutes like Tourism, Rural Development, Disaster Management NATMO, Town and County Planning etc,

PO-8.Environmental Planning , and Cartography to pursue a bright career.

PO-9. Inculcate a sense of environmental ethics that focus research and concerns on sustainability.

PO-10.Computer-based techniques (RS & GIS) are incorporated in the syllabus which prepares the students for further analytical studies.

PO-11.The Course is oriented towards emerging job opportunities and future prospects for the students. Assistance is given to students in preparing for various competitive exams like NET, SET, Civil services (UPSC and State PSC) etc.

PO-12-Physical field surveys enable the students to understand the landforms, geomorphic process and associated hazards.

---00--

Programme Name-M.A. Geography

Semester	Course Name/ Paper Name-	Course Outcome
First	Geomorphology	<p>CO1-The Study of the course is to familiarize the students with the need for understanding of geomorphology with reference to certain fundamental concepts, focusing on the unity of geomorphology in the earth materials and the processes with or without an element of time.</p> <p>CO2- Study landforms and the related processes from the traditional concept to the contemporary development in Geomorphology</p> <p>CO3-Development and evolution of the landforms; hydrologic characteristics of an open channel flow that produce erosional and depositional landforms;</p> <p>CO4-form process interaction in the landform development and some modern methods of geomorphic analysis of the landforms through the concept of geomorphic threshold, geochronological methods and extreme events and equilibrium</p> <p>CO5-Develop the skills of identification of features and correlation between them.</p>

PO & CO Mapping

POs	CO1	CO2	CO3	CO4	CO5
PO1	√				
PO2		√			
PO3					√
PO4					
PO5					√
PO6					
PO7					
PO8					
PO9					
PO10					
PO11					
PO12			√		

Semester	Course Name/ Paper Name-	Course Outcome			
First	Climatology	CO1. Learn the interaction between the atmosphere and the earth's surface. CO2. Understand the importance of the atmospheric pressure and winds. CO3. Will gain ability of explaining approaches to climate classification. CO4. Develop an idea about cyclones. Co-5. Understanding the role of man in global climate change.			
		PO & CO Mapping			
POs	CO1	CO2	CO3	CO4	CO5
PO1		√			
PO2	√				
PO3					√
PO4			√		
PO5					
PO6					
PO7					
PO8		√			
PO9					
PO10					
PO11	√				
PO12					

Semester	Course Name/ Paper Name	Course Outcome			
First	GEOGRAPHY OF INDIA	<p>CO1. They can know about their own countries land formation, climate and natural vegetation.</p> <p>CO2. They understand the economic resources of India.</p> <p>CO3. They understand the social distribution of population of their country.</p> <p>CO4. Develop an idea about regionalization of India.</p> <p>Co-5 The special variations of vitality and vulnerability would help them see the strength and weakness of the country.</p> <p>PO & CO Mapping</p>			
POs	CO1	CO2	CO3	CO4	CO5
PO1	√				
PO2		√	√		
PO3				√	
PO4					
PO5					
PO6					
PO7					
PO8					
PO9					
PO10					
PO11		√			√
PO12					√

Semester	Course Name/ Paper Name	Course Outcome				
First	TROPICAL GEOMORPHOLOGY	<p>CO1- Study landforms and the related processes from the traditional concept to the contemporary development in Tropical area Geomorphology</p> <p>CO2- As the arid and semi-arid climatic regions occupy a major portion of the continents, it becomes essential to understand the deserts in detail as they hold a key to the natural resource evaluation.</p> <p>CO3- Aeolian environments are particularly sensitive to aridity, bio-mass and human interferences.</p> <p>CO4- All these activities affect wind shear in different degrees, set time in motion the processes of erosion and deposition.</p> <p>CO5- These processes and their resulting forms are highlighted in the course content.</p> <p>PO & CO Mapping</p>				
POs	CO1	CO2	CO3	CO4	CO5	
PO1	√				√	
PO2						
PO3						
PO4						
PO5				√		
PO6						
PO7						
PO8		√				
PO9						
PO10						
PO11						
PO12	√					

Semester	Course Name/ Paper Name	Course Outcome			
First	FLUVIAL GEOMORPHOLOGY	<p>CO1- Study landforms and the related processes from the traditional concept to the contemporary development in Fluvial Geomorphology</p> <p>CO2-Development and evolution of the landforms; hydrologic characteristics of an open channel flow that produce erosional and depositional landforms.</p> <p>CO3-form process interaction in the landform development and some modern methods of geomorphic analysis of the landforms through the concept of geomorphic threshold, geochronological methods and extreme events and equilibrium</p> <p>CO4-. The evolution of drainage pattern and alluvial channels are governed by the forces resisting and driving the flow of water.</p> <p>CO5-The students are introduced to the activities of these forces and their resultant effects on the flow patterns, sediment load and channel patterns.</p> <p>PO & CO Mapping</p>			
POs	CO1	CO2	CO3	CO4	CO5
PO1	√				
PO2		√			
PO3					
PO4			√		
PO5					
PO6					√
PO7					
PO8					
PO9					
PO10					
PO11					
PO12				√	

Semester	Course Name/ Paper Name	Course Outcome			
First	GEOGRAPHICAL DYMENSION OF HYDROLOGY	<p>CO1-The objectives of this course are to bring an awareness among the students about the finite nature of HYDROLOGY.</p> <p>CO2-Water is an integral part of all living things in the world. Hence it is necessary to make the students to understand the significance of a systematic study on fresh water resources and occurrence, flow, storage and utilization.</p> <p>CO3-The students also should be able to realize the importance of judicious utilization and conservation of water and its availability over space and its temporal dimensions...</p> <p>Co4.Students can learn the significance of Hydrology. They will also get to know about the factors responsible for underground water level.</p> <p>CO5-Students will become able to have a comprehensive knowledge about the water equality as well as social - economic issues.</p> <p>PO & CO Mapping</p>			
POs	CO1	CO2	CO3	CO4	CO5
PO1	√				
PO2		√			
PO3		√			
PO4					
PO5					
PO6					
PO7					
PO8					
PO9	√			√	
PO10					
PO11					√
PO12					

Semester	Course Name/ Paper Name	Course Outcome			
First	POLITICAL GEOGRAPHY	<p>After the completion of this course the students will have an ability to:</p> <p>Co-1 Explain the nature and scope of political geography. The study of political geography will help in understanding the natural and human resources of different countries and their geopolitical importance.</p> <p>Co-2 Explain the role of geographical factors influencing the political character of countries and their regions.</p> <p>Co-3 Evaluate the political issue in the world with in special reference to India.</p> <p>Co-4 Understand the concept of Nations and geo- political theory.</p> <p>Co5-The knowledge to understand the current trends of conflict between different nation of the world will increase.</p> <p>PO & CO Mapping</p>			
POs	CO1	CO2	CO3	CO4	CO5
PO1	√				
PO2	√	√			
PO3					
PO4					
PO5					
PO6			√	√	
PO7					
PO8					
PO9					
PO10					
PO11					√
PO12					

Semester	Course Name/ Paper Name	Course Outcome				
First	PRACTICAL - ADVANCED CARTOGRAPHY	<p>CO1-This course is designed to equip students with the understanding of nature and scope of cartography and the process of map making.</p> <p>CO2-Moreover, to acquaint the students with the use of new technology in map making and its applications.</p> <p>CO3-Learning Outcomes On completion of this course, students will be able to able to apply new techniques in the process of map making.</p> <p>CO4. Know about diagrammatic data presentation like line, bar and circle.</p> <p>CO5. Develop an idea about different types of thematic mapping techniques.</p> <p>PO & CO Mapping</p>				
POs	CO1	CO2	CO3	CO4	CO5	
PO1	√					
PO2						
PO3				√		
PO4						
PO5			√			
PO6						
PO7						
PO8						
PO9						
PO10		√			√	
PO11						
PO12						

Semester	Course Name/ Paper Name	Course Outcome				
Second	ENVIRONMENTAL GEOGRAPHY	CO1. Gain knowledge about concept, scope of environmental geography and components of environment. CO2. Know about environmental programmes and policies. Co-3 Students will be able to demonstrate their knowledge of resources and environmental issues. Co-4 Students will become able to have a comprehensive knowledge about the environmental technical equality as well as socio- economic issues. Co-5 Students will be able to gain concept about sustainable development goals in relation to environmental issues PO & CO Mapping				
POs	CO1	CO2	CO3	CO4	CO5	
PO1	√		√			
PO2						
PO3						
PO4						
PO5						
PO6						
PO7						
PO8						
PO9		√	√			
PO10				√		
PO11				√		
PO12					√	

Semester	Course Name/ Paper Name	Course Outcome			
Second	OCEANOGRAPHY	CO1. Develop an idea about types of coastal & forms. CO2. Acquire knowledge about hydrology. CO3-The course on oceanography will discuss the physiography of ocean floors and dynamics of ocean CO4-It will also provide an understanding about ocean-human interface including weather, climate, navigation, security and resource utilization. CO5-Student will be able to understand the dynamics of ocean physiography and water movement. It will help them to have an understanding of relevance of oceans as a resource in times to come. PO & CO Mapping			
POs	CO1	CO2	CO3	CO4	CO5
PO1		√			
PO2			√	√	
PO3					
PO4					
PO5					
PO6					
PO7					
PO8					√
PO9				√	
PO10					
PO11					
PO12					

Semester	Course Name/ Paper Name	Course Outcome			
Second	GEOGRAPHICAL THOUGHT AND METHODOLOGY	CO1-Perceive the evolution of the philosophy of Geography. CO2Appreciate the contribution of the thinkers is Geography. CO3-Give power point presentations on different schools of geographical thought. CO4-Discussing the evolution of geographical thought from ancient to modern times. CO5-Analyzing modern and contemporary principles of Empiricism, Positivism, Structuralism, Human And Behavioral Approaches in Geography PO & CO Mapping			
POs	CO1	CO2	CO3	CO4	CO5
PO1	√		√		
PO2	√				
PO3					
PO4				√	
PO5					
PO6					
PO7					
PO8					
PO9					√
PO10					
PO11	√				
PO12					

Semester	Course Name/ Paper Name	Course Outcome			
Second	Practical-MAP PROJECTION, MAP INTERPRETATION AND SURVEYING	CO1-Understand and prepare different kinds of maps. and recognize basic themes of map making. CO2- Development of observation skills. Comprehend the concept and representation of data through cartograms. CO3- Interpret geological diagram . CO4- Learn the usages of survey instruments and brings direct interaction of different types of surveying instruments like Dumpy level and Theodolite with environment. CO5- Develop an idea about different types of thematic mapping techniques. PO & CO Mapping			
POs	CO1	CO2	CO3	CO4	CO5
PO1	√				√
PO2					
PO3		√			
PO4		√			
PO5			√	√	
PO6					
PO7					
PO8					
PO9					
PO10	√				
PO11	√				
PO12					

Semester	Course Name/ Paper Name	Course Outcome			
Second	RESEARCH METHODOLOGY & COMPUTER APPLICATION: BASICS	CO1-Understands the concept and place of research in concerned subject. CO2-Becomes familiar with various tools of research. CO3-Gets conversant with sampling techniques, methods of research and techniques of analysis of data CO4-Achieves skills in various research writings. CO5-Gets acquainted with computer Fundamentals and Office Software Package. PO & CO Mapping			
POs	CO1	CO2	CO3	CO4	CO5
PO1	√				
PO2					
PO3					
PO4			√	√	
PO5		√	√		
PO6					
PO7					
PO8					
PO9					
PO10					√
PO11					
PO12					

Semester	Course Name/ Paper Name	Course Outcome			
Second	ENVIRONMENTAL AND FOREST LAWS	<p>CO1-Outcome about the significance of developments in National and international environmental and Forest law and the fundamental principles that have emerged.</p> <p>CO2- Exposition about the human right to environment and constitutional framework governing environment in select countries, including India. ·</p> <p>CO3 Comprehending the statutory and regulatory mechanisms pertaining to environment and Forest Law in India.</p> <p>CO4-.Will get information about laws related protection of natural Environment.</p> <p>CO5. Awareness of rights towards environmental protection will increase in the context of constitutional laws.</p> <p>PO & CO Mapping</p>			
POs	CO1	CO2	CO3	CO4	CO5
PO1	√				
PO2		√			
PO3					
PO4					
PO5					
PO6					
PO7					
PO8	√				√
PO9			√	√	√
PO10					
PO11			√	√	
PO12					

Semester	Course Name/ Paper Name	Course Outcome			
Second	BIO GEOGRAPHY	<p>CO1. Students can learn the scope and significance of biogeography. Also know, factors affecting the growth and distribution of natural vegetation.</p> <p>CO2. They also gather knowledge about biome, acetone and community, types and component parts of ecosystem,</p> <p>CO3-Student can learn bio-energy cycle, food chain and tropic level. This can help them to predict the future change of biogeographically components.</p> <p>CO4. They can illustrate the importance about bio-diversity and wetlands.</p> <p>CO5- This course will increase understanding of the impact of global climate change on biodiversity.</p> <p>PO & CO Mapping</p>			
POs	CO1	CO2	CO3	CO4	CO5
PO1	√				
PO2					
PO3					
PO4					
PO5					
PO6					
PO7					
PO8			√	√	√
PO9			√	√	√
PO10					
PO11	√				
PO12					

Semester	Course Name/ Paper Name	Course Outcome			
Second	GEOGRAPHY OF SOIL	<p>CO1. They can know the soil formation processes, development and soil physical and chemical composition.</p> <p>CO2. Understand the genetic soil classification and soil taxonomy.</p> <p>CO3- The understanding of the Processes of soil formation and degradation will increase.</p> <p>CO4-They will get information about soil fertility and its potential and its impact on agriculture.</p> <p>CO5- The understanding of the causes and effects of soil erosion and degradation will increase.</p> <p>PO & CO Mapping</p>			
POs	CO1	CO2	CO3	CO4	CO5
PO1	√	√	√	√	
PO2					
PO3					√
PO4					
PO5					
PO6					
PO7					
PO8					
PO9					
PO10					
PO11					
PO12					

Semester	Course Name/ Paper Name	Course Outcome			
Second	COASTAL GEOMORPHOLOGY	<p>CO1-Acquire an understanding of the dynamism of the coastal zone CO2-Understand how coastal processes operate CO3-Acquire an understanding of how coastal landforms develop and change CO4-Gain practical skills and knowledge to quantify processes and change in the coastal environment CO5-Understand how Geomorphology can contribute to managing coastal environments</p> <p>PO & CO Mapping</p>			
POs	CO1	CO2	CO3	CO4	CO5
PO1	√				
PO2		√			√
PO3			√		
PO4					
PO5				√	
PO6					
PO7					
PO8					
PO9					
PO10					
PO11					
PO12					

Semester	Course Name/ Paper Name	Course Outcome			
Third	RURAL SETTLEMENT GEOGRAPHY	<p>Co-1. The students gain knowledge and acquire clear concept of rural settlement and understanding of origin and distribution of settlements.</p> <p>Co-2. Increase a greater understanding of man land relationship that is crucial for sustainable development</p> <p>Co-3. Students will be able to collaborate in conceptual knowledge of rural development policies and strategies in the research work undertaken.</p> <p>Co-4.Acquire the skill of identifying rural settlement types from tropical Street.</p> <p>Co-5. Students will gain knowledge about area based approach to rural development draught area programs</p> <p>PO & CO Mapping</p>			
POs	CO1	CO2	CO3	CO4	CO5
PO1	√	√			
PO2		√			√
PO3					
PO4				√	
PO5					
PO6					
PO7					
PO8					
PO9					
PO10					
PO11			√		√
PO12					

Semester	Course Name/ Paper Name	Course Outcome			
Third	MEDICAL GEOGRAPHY	<p>After the completion of this course the students will have an ability to:</p> <p>Co-1 Understand the key concept related to health and its driving forces.</p> <p>Co-2 Identify the linkage between the health and environment.</p> <p>Co-3 Explain the relationship among health and disease pattern in Environmental content with reference to climate change.</p> <p>CO-4. Understanding of type of disease and pollution caused disease will increased .</p> <p>CO5-The understanding of diseases arising from poor nutrition in the human body will increase.</p> <p>PO & CO Mapping</p>			
POs	CO1	CO2	CO3	CO4	CO5
PO1	√				
PO2		√	√	√	√
PO3					
PO4					
PO5					
PO6					
PO7					
PO8					
PO9					
PO10					
PO11					
PO12					

Semester	Course Name/ Paper Name	Course Outcome			
Third	PRINCIPLE OF ECONOMIC GEOGRAPHY	Co-1 The students will be able to understand the fundamental principles of economic geography. Co-2 Access the importance of economic activities around the world. Co-3 Discuss the location factors for development of industries. Co-4 Acquire knowledge of the fundamental and modern issues in economic geography. Co-5 Conceptualizes demonstrate and analyse the geographical determinants of agriculture and manufacturing activities PO & CO Mapping			
POs	CO1	CO2	CO3	CO4	CO5
PO1	√	√			
PO2				√	√
PO3		√			
PO4			√		
PO5					
PO6					
PO7					
PO8					
PO9					
PO10					
PO11	√				√
PO12					

Semester	Course Name/ Paper Name	Course Outcome			
Third	<i>Practical-</i> REMOTE SENSING , GIS AND QUANTITATIVE TECHNIQUES	CO1. Comprehend the Remote sensing , GIS and its types. CO 2. Understand spatial data structure and management. CO 3. Develop the skill to draw maps through GIS. CO 4-Understand the calculate and apply measures of location and measures of dispersion -- grouped and ungrouped data cases. CO5. The students will be able to Perform Test of Hypothesis as well as calculate confidence interval for a population parameter for single sample cases. PO & CO Mapping			
POs	CO1	CO2	CO3	CO4	CO5
PO1	√				
PO2					√
PO3			√	√	
PO4					
PO5					
PO6					
PO7					
PO8					
PO9					
PO10	√	√	√	√	√
PO11					√
PO12					

Semester	Course Name/ Paper Name	Course Outcome				
Third	INTELLECTUAL PROPERTY RIGHTS, HUMAN RIGHTS & ENVIRONMENT	<p>CO1-Identify different types of Intellectual Properties (IPs), the right of ownership, scope of protection as well as the ways to create and to extract value from IP.</p> <p>CO2-. Recognize the crucial role of IP in organizations of different industrial sectors for the purposes of product and technology development.</p> <p>CO3-Identify activities and constitute IP infringements and the remedies available to the IP owner and describe the precautions steps to be taken to prevent infringement of proprietary rights in products and technology development.</p> <p>CO4-. Be familiar with the processes of Intellectual Property Management (IPM) and various approaches for IPM and conducting IP and IPM auditing and explain how IP can be managed as a strategic resource and suggest IPM strategy.</p> <p>CO5-. Be able to anticipate and subject to critical analysis arguments relating to the development and reform of intellectual property right institutions and their likely impact on creativity and innovation.</p> <p>PO & CO Mapping</p>				
POs	CO1	CO2	CO3	CO4	CO5	
PO1	√					
PO2						
PO3			√	√	√	
PO4		√				
PO5						
PO6						
PO7						
PO8						
PO9						
PO10						
PO11		√				
PO12						

Semester	Course Name/ Paper Name	Course Outcome			
Third	TRIBAL STUDIES	<p>CO1- Students will be able to analyze the life situations, culture and society of Tribal communities.</p> <p>CO2- To make students understand about Custom, Tradition, Culture of Indian Tribal Communities.</p> <p>CO3- To Understand the Origin & Demography of Tribal communities General & Specific Characteristics of Tribe</p> <p>CO4- After the study the understanding of the impact of geographical factors on tribals will increase.</p> <p>CO5-The understanding of the interrelationship between tribal society economy and their natural environment will increase.</p> <p>PO & CO Mapping</p>			
POs	CO1	CO2	CO3	CO4	CO5
PO1	√				
PO2	√	√	√		
PO3		√			
PO4				√	
PO5					
PO6					
PO7					
PO8					
PO9					√
PO10					
PO11					
PO12					

Semester	Course Name/ Paper Name	Course Outcome			
Third	AGRICULTURAL GEOGRAPHY	<p>After the completion of this course the students will have the ability to:</p> <p>Co-1 Describe the concept and development of agriculture and modern technologies used in.</p> <p>Co-2 Conceptualize the agriculture and its determinants .</p> <p>Co-3 Explain the role of agriculture determinants towards the changing pattern.</p> <p>Co-4 The students will be able to understand and analyze the historical perspective of agriculture and have sound knowledge of agriculture Revolution and food security.</p> <p>Co-5. The students will able to analyze the agriculture development and productivity and its impact on various sectors.</p> <p>PO & CO Mapping</p>			
POs	CO1	CO2	CO3	CO4	CO5
PO1	√	√		√	
PO2				√	
PO3	√				√
PO4					
PO5					
PO6					
PO7					
PO8					
PO9					
PO10					
PO11			√		√
PO12					

Semester	Course Name/ Paper Name	Course Outcome			
Third	GEOGRAPHY OF TRADE AND TRANSPORT	<p>CO1. Students shall learn about the significance of Trade and transport in multifaceted development.</p> <p>CO 2. Significance of various models of Trade and Transport.</p> <p>CO3- Role of theories related to transport network.</p> <p>CO4. About the Accessibility, connectivity and policy interventions.</p> <p>CO5. They will be applying the various approaches of transport in daily life.</p> <p>PO & CO Mapping</p>			
POs	CO1	CO2	CO3	CO4	CO5
PO1	√	√			
PO2					
PO3					
PO4					
PO5					
PO6			√	√	
PO7					
PO8					
PO9					
PO10					
PO11	√				
PO12					

Semester	Course Name/ Paper Name	Course Outcome			
Third	GEOGRAPHY OF MARKETING	<p>CO1-The paper introduces the meaning and scope of marketing geography and spatial organization of markets.</p> <p>CO2-Explain market cycles, and development of markets, importance in rural development</p> <p>CO3- Student able to identify and analyse, impact of Globalization on Marketing, Social Structure and Marketing, Marketing and Innovation Diffusion</p> <p>CO4- Local, regional, national ,and global nature of markets will be identified.</p> <p>CO5- Determining the service area of markets and understanding of the goods consumed in them will increase.</p> <p>PO & CO Mapping</p>			
POs	CO1	CO2	CO3	CO4	CO5
PO1	√	√			
PO2					
PO3				√	
PO4			√		
PO5					
PO6					
PO7	√	√			
PO8					
PO9					
PO10					
PO11					√
PO12					

Semester	Course Name/ Paper Name	Course Outcome			
Fourth	REGIONAL PLANNING AND DEVELOPMENT	<p>Co-1 After completion of the course the students will gain knowledge about the planning of different region of including resource potentially of different region of the world.</p> <p>Co-2 By studying this paper students can acquire knowledge regarding different indicators of development.</p> <p>Co-3 They will be able to select appropriate indicators for the measurement of socio-economic regional development.</p> <p>Co-4 They will be able to identify notable lagging reasons and solution for the overall development.</p> <p>Co-5 Gain knowledge about measuring inequality by location a and also measuring regional disparity.</p> <p>PO & CO Mapping</p>			
POs	CO1	CO2	CO3	CO4	CO5
PO1	√				
PO2		√			
PO3					
PO4			√	√	
PO5					
PO6					
PO7					
PO8					
PO9					
PO10					
PO11				√	
PO12					

Semester	Course Name/ Paper Name	Course Outcome			
Fourth	POPULATION GEOGRAPHY	<p>After completing this course, the students will gain:</p> <p>Co-1 Gain understanding of nature, scope and evolution of Population Geography.</p> <p>Co-2 Acquire clear concept of Population Geography and demographic studies.</p> <p>Co-3 Students will learn the role of demography and population studies as a distinct field of human geography.</p> <p>Co-4 Have sound knowledge of key concept different components of population along with its drivers.</p> <p>Co-5-Acquire knowledge about handling and analyzing population data and Identify habitable parts of the world and different Global population dynamics.</p> <p>PO & CO Mapping</p>			
POs	CO1	CO2	CO3	CO4	CO5
PO1					
PO2		√			
PO3					
PO4				√	√
PO5					
PO6		√			
PO7					
PO8					
PO9					
PO10					
PO11					√
PO12					

Semester	Course Name/ Paper Name	Course Outcome			
Fourth	URBAN GEOGRAPHY	<p>After the completion of the course the students will have the ability to:</p> <p>Co-1 Understand the nature scope approaches and recent trends in urban geography.</p> <p>Co-2 Understand the fundamentals and pattern of urbanization process.</p> <p>Co-3 Learn other functional classification of cities and Central Place theory.</p> <p>Co-4 Will know about Temporal analysis of urban growth using census data.</p> <p>Co-5.From small towns to metropolitan cities, students will get information about the increasing population, lack of facilities for people and increasing slums.</p> <p>PO & CO Mapping</p>			
POs	CO1	CO2	CO3	CO4	CO5
PO1	√				
PO2			√		
PO3				√	
PO4				√	
PO5					
PO6	√				
PO7				√	
PO8					
PO9					√
PO10					
PO11					
PO12					

Semester	Course Name/ Paper Name	Course Outcome			
Fourth	Dissertation	CO1- dissertation increases the knowledge of analysis of any micro area. CO2-Presentation of dissertation will develop research attitude. CO3- Research dissertation identifies the socio-economic problems of an area. CO4- Research dissertation increases the identification of regional problems. CO5- Dissertation presentation provides inspiration for high level research. PO & CO Mapping			
POs	CO1	CO2	CO3	CO4	CO5
PO1					√
PO2					
PO3	√		√		
PO4					
PO5					
PO6					
PO7					
PO8					
PO9					
PO10					
PO11			√		
PO12					

Semester	Course Name/ Paper Name	Course Outcome			
Fourth	Practical- SOCIO- ECONOMIC SURVEY	<p>After the completion of the course the students will have the ability to</p> <p>Co-1 Conduct field work in physical and human geography besides investigation into socio economic and environmental issues.</p> <p>Co-2 Develop tool to collect primary data from the field and interpret them meaning fully.</p> <p>Co-3 Make use of proper tools and serving method from measurement in context of collection and processing of data.</p> <p>Co-4 Prepare field report with suitable table map and diagrams based on the data collected from the field and secondary sources.</p> <p>CO5-Presentation of Socio economic Survey will develop research attitude.</p> <p>PO & CO Mapping</p>			
POs	CO1	CO2	CO3	CO4	CO5
PO1					
PO2					
PO3		√			
PO4					
PO5			√		
PO6					
PO7					
PO8					
PO9	√				
PO10					
PO11					
PO12			√	√	

Semester	Course Name/ Paper Name	Course Outcome			
Fourth	INDUSTRIAL GEOGRAPHY	<p>After the completion of the course, Students will be able to</p> <p>CO1. Recognize the significance of Industrial geographic concepts for understanding socio-economic processes and outcomes.</p> <p>CO 2. Appraise the different ways in which time and space interact and constrain each other with regards to secondary economic activities and articulate how economic processes can be broken down into changes over time and variations across space.</p> <p>Co 3. Assess how society and Industrial economic actors organize themselves in space, the factors driving these complex spatial patterns, and the implications these spatial configurations have for the socioeconomic well-being of affected groups and societies.</p> <p>CO4. Appreciate the complexity of Industrial development processes taking place across the world and how these are influenced by space.</p> <p>CO5. Relate course content to current economic, social, and political events, and identify some of the geographical trends in economic processes and likely outcomes for societies.</p> <p>PO & CO Mapping</p>			
POs	CO1	CO2	CO3	CO4	CO5
PO1	√				
PO2			√		
PO3					
PO4					
PO5					
PO6					√
PO7					
PO8					
PO9					
PO10					
PO11					
PO12					√

Semester	Course Name/ Paper Name	Course Outcome			
Fourth	Geography Of Tourism	<p>CO1. Will be able to describe the tourism geography and cognitive framework related to the tourism geography and will be able to explain the importance of strategy and planning to improving sustainable tourism.</p> <p>CO2- Evaluates the main characteristics of spatial design of recreational activities.</p> <p>CO3- Relates the geography and tourism</p> <p>CO4-. Evaluates the impacts of tourism on geography and relates the planning and tourism.</p> <p>CO5 Explains the varieties of tourism planning and evaluates the sustainability of tourism plans</p> <p>PO & CO Mapping</p>			
POs	CO1	CO2	CO3	CO4	CO5
PO1					
PO2	√				
PO3					√
PO4					
PO5				√	
PO6					
PO7			√		
PO8					
PO9					√
PO10					
PO11					
PO12					

Semester	Course Name/ Paper Name	Course Outcome			
Fourth	Natural Resource Management	<p>CO1-to understand concepts and approaches of natural resource management;</p> <p>CO2-to examine use and misuse of various resources and to analyze future prospects,</p> <p>CO3-to study various methods and approaches of conservation and management of natural resources,</p> <p>CO4-to analyze natural resources' scenario through different techniques, especially remote sensing and GIS,</p> <p>CO5-to understand the concept of sustainable and integrated resource management and its application.</p> <p>PO & CO Mapping</p>			
POs	CO1	CO2	CO3	CO4	CO5
PO1	√		√		
PO2					
PO3					
PO4					
PO5					
PO6					
PO7					
PO8					
PO9					
PO10				√	
PO11					
PO12					√

**Rajeev Gandhi Govt. Post Graduate College
Ambikapur, Surguja, (C.G.) India**

Department Of Geography, Post Graduate Studies &
Research Centre



FOUR YEARS UNDERGRADUATE PROGRAMME

IN

B.A.GEOGRAPHY

*(Discipline Specific Course , Discipline Elective Course and Value Added
Course (DSC , DSE & VAC)*

Session 2023-2024

Syllabus

B.A.- CERTIFICATE/DIPLOMA/DEGREE COURSES

**PROGRAMME OUTCOME FOR B.A.
CERTIFICATE/DIPLOMA/DEGREE COURSES**

Based on NATIONAL EDUCATION POLICY-2020

Geography mainly concerns changes in spatial attributes in a temporal perspective. The Honors Programme in geography is tailored to meet the students' specific educational and professional goals in mind. It focuses on spatial studies, qualitative as well as quantitative, and emphasizes on human-environment relationship.

The students will be able to demonstrate ability –

1. To understand concept and theory of their respective subject.
2. To express thoughts and ideas effectively in writing and orally.
3. To identify relationship within and across disciplines in the humanities and social sciences.
4. To cognitive and technical skills in their field and in multidisciplinary context.
5. To select and use relevant methods and tools for problem solving .
6. To make judgment and take decisions, based on analysis of data and evidence.
7. To critically evaluate principles and theory of humanities and social sciences .
8. To able digital literacy and data analysis.
9. To find a job in their field, exercise responsibilities to job assigned and start up a business .
10. To develop a sense of respect and duty towards constitutional, human and moral and professional values .
11. To Gender sensitivity and adopt gender-neutral approach.
12. To mitigating the effects of environmental degradations, climate change and pollution.

B.A. CERTIFICATE/DIPLOMA/DEGREE COURSES

Graduate Attributes

The curriculum uses CBCS framework and organizes under Core Course, Skill Enhancement Course, Elective - Discipline Specific and Elective - Generic Courses. The core courses cover key areas of geography about which all students should have basic knowledge. These courses are grouped as follows:

A. Theory – These courses build up the theoretical and conceptual foundations of geography.

B. Practical – Three courses on Statistical Techniques in Spatial Analysis; Remote Sensing and Geographical Information System, GIScience and Research Methods and Fieldwork in Geography will strengthen the methodological and practical foundations of geography.

C. Regional Approach – Such courses focus on World Geography, Geography of India / different states.

D. Application Oriented – This includes disaster management, climate change, tourism geography, health and wellbeing, etc. Each Course has one objective, three learning outcomes, five uniform contents and reading list incorporating a few Hindi books also wherever possible.

The Graduates should be able to demonstrate the capability to:

1. Disciplinary Knowledge: comprehensive knowledge and understanding of their subject area, the ability to engage with different traditions of thought, and the ability to apply their knowledge in practice including in multi-disciplinary or multi-professional contexts.

Problem solving: Solve different kinds of problems in familiar and non-familiar contexts and apply the learning to real-life situations.

2-Critical thinking:

- apply analytic thought to a body of knowledge, including the analysis and evaluation of policies, and practices, as well as evidence, arguments, claims, beliefs, and their liability and relevance of evidence,
- identify relevant assumptions or implications ;and formulate coherent arguments.

3-Creativity

- create, perform ,or think in different and diverse ways about the same objects or scenarios,
- deal with problems and situations that do not have simple solutions,
- innovate and perform tasks in a better manner,
- view a problem or a situation from multiple perspectives,
- think out of the box and generate solutions to complex problems in unfamiliar contexts adopt innovative, imaginative, lateral thinking, interpersonal skills and emotional intelligence.

4-Communication Skills:

- listen carefully, read texts and research papers analytically, and present complex information in a clear and concise manner to different groups/audiences,
- express thoughts and ideas effectively in writing and orally and communicate with others using appropriate media,
- confidently share view and express her self/himself,
- construct logical arguments using correct technical language related to a field of learning, work/vocation, or an area of professional practice, convey ideas, thoughts, and arguments using language that is respectful and sensitive to gender and other minority groups.

5-Analytical reasoning/thinking

- evaluate the liability and relevance of evidence;
- Identify logical flaws in the argument soothers;
- Analyze and synthesize data from a variety of sources;
- Draw valid conclusions and support them with evidence and examples, and addressing opposing view points

6-Research-related skills:

- A keen sense of observation, inquiry, and capability for asking relevant/ appropriate questions
- The ability to problem arise, synthesize and articulate issues and design research proposals,
- The ability to define problems, formulate appropriate and relevant research questions, formulate hypotheses, test hypotheses using quantitative and qualitative data, establish hypotheses, make inferences based on the analysis and interpretation of data, and predict cause-and-effect relationships,
- The capacity to develop appropriate methodology and tools of data collection,
- The appropriate use of statistical and other analytical tools and techniques,
- The ability to plan, execute and report the result so fan experiment or investigation,
- The ability to acquire the understanding of basic research ethics and skills in practicing/doing the cs in the field/in personal research work, regardless of the funding authority or field of study.

7- Coordinating/ collaborating with others:

- Work effectively and respectfully with diverse teams,
- Facilitate cooperative or coordinate effort on the part of a group,
- Act together as a group or at remain the interest so far common cause and work efficiently as a member of a team

8-Learning how to learn ‘skills:

- acquire new knowledge and skills, including ‘learning how to learn’ skills, that are necessary for pursuing learning activities throughout life, through self-paced and self-directed

learning aimed at personal development, meeting economic, social, and cultural objectives, and adapting to changing trade and demands of the workplace, including adapting to the changes in work processes in the context of the fourth industrial revolution, through knowledge/skill development/ re skilling,

- work independently, identify appropriate resources required for further learning,
- acquire or generational skills and time management to set self-defined goals and targets with timelines.
- Inculcate a healthy attitude to be a lifelong learner

9-Digital and technological skills

- Use ICT in a variety of learning and work situations,
- access, evaluate, and use a variety of relevant information sources, use appropriate software for analysis of data

10-Multicultural competence and inclusive spirit

- the acquisition of knowledge of the values and belief so multiple cultures and a global perspective to honor diversity,
 - capability to effectively engage in a multicultural group/society and interact respectfully with diverse groups,
 - capability to lead diverse team to accomplish common group tasks and goals.
- Gender sensitivity and adopt gender-neutral approach, as also empathy to the less advantaged and the differently-able including those with learning disabilities.

11-Value inculcation

- embrace and practice constitutional, humanistic ,ethical, and moral values in life, including universal human values of truth, righteous conduct, peace, love, non-violence, scientific temper, citizenship values,
- practice responsible global citizenship required for responding to contemporary global challenges, enabling learners to become aware of and understand global issues and to become active promoters of more peaceful, tolerant, inclusive, secure, and sustainable societies,
- identify ethical issues related to work, and follow ethical practices, including avoiding unethical behavior such as fabrication, falsification or misrepresentation of data, or committing plagiarism, and adhering to intellectual property rights,
- recognize environmental and sustainability issues, and participate in actions to promote sustainable development.
- Adopt objective, unbiased, and truthful actions in all aspects of work ,in still integrity and identify ethical issues related to work, and follow ethical practices

----00---

Rajeev Gandhi Govt. Post Graduate College Ambikapur, Chhattisgarh
(An Autonomous College)

Undergraduate Programme Scheme (NEP)

Discipline Specific Course and Discipline Elective Course (DSC and DSE)

Semester	Name of Programme	Course Name	Course Title	Course Code	Credit	Marks				Total Marks
						Theory	Test	Seminar	Assignment	
I	B.A,	<i>Discipline Specific Course</i>	Fundamental Of Physical Geography	DSC-1	3	80	8	6	6	100
I	B.A,	<i>Practical</i>	Scale and Graphs	PR-1	1	50	-	-	-	50
II	B.A,	<i>Discipline Specific Course</i>	Fundamental Of Human Geography	DSC-2	3	80	8	6	6	100
II	B.A,	<i>Practical</i>	Geographical Methods of the Statistical data	PR-2	1	50	-	-	-	50
III	B.A,	<i>Discipline Specific Course</i>	Systematic Geography of India	DSC-3	3	80	8	6	6	100
III	B.A,	<i>Practical</i>	Study Of Topographical Sheet And Indian Weather Maps	PR-3	1	50	-	-	-	50
III	B.A.	<i>Discipline Elective Course</i>	Geography of Health	DSE-1	4	80	8	6	6	100
III	B.A.	<i>Practical</i>	Map Projection and Quantitative Techniques	PR (DSE)-3	1	50	-	-	-	50
IV	B.A,	<i>Discipline Specific Course</i>	Economic Geography	DSC-4	3	80	8	6	6	100
IV	B.A,	<i>Practical</i>	Field Survey-Instrumental	PR-4	1	50	-	-	-	50

B.A. - Geography
Semester- I
Course Title- Fundamental Of Physical Geography

Course Type- Discipline Specific Core		Course Code-DSC -
Total Credit- 3 (Theory)		
SEE- 80	CCA-20	
<p>Question Pattern- (i) Objective Type Question- MCQ, Fill in Blank, True/False, Total 9 Question (ii) Very Short Answer Type- Word Limit 70-100 Total -03 Questions (iii) Short Answer Type - Word Limit 200-250 Total -03 Questions (iv) Long Answer Type - Word Limit 500-600 Total -03 Questions</p>		
<p>Course Outcome:- CO-1-The course on Fundamental of Physical Geography will discuss the basic concepts in Physical Geography.</p> <p>CO-2-It is specifically designed to give an exposure of Physical geographical concepts to students other than formal students of Geography.</p> <p>CO-3-Student will be able to understand the Physical aspect of Geographical concepts which are relevant in day to day life.</p> <p>CO-4- Acquire knowledge about types of folds and faults and earthquakes, volcanoes and associated landforms.</p> <p>CO-5-Overview and critical appraisal of landform development models and Atmospheric Condition.</p> <p>CO-6-Ablity to record temperature, pressure, humidity , rainfall and Oceanic Features and Conditions.</p> <p>CO-7- On the Basis of the Inter-relationship between the atmosphere and the oceans , Climat will help in understanding the Conditions of the climate.</p>		

Rajeev Gandhi Govt. Post Graduate College Ambikapur, Chhattisgarh

B.A. Honours- Geography

Semester- I

Course Title- Fundamental Of Physical Geography

Unit- I 12Hours	Lithosphere- Definition and Scope of Physical Geography ,Origin of the Earth- Nebular theory, Hoyle and Littleton . Interior of the earth:- Composition and Structure Folds and Faults- Origin and Classification.
Unit- II 12 Hours	Rocks: - Origin, Classification and Characteristics. Weathering Meaning, Types. Agents of Erosion- Winds and River and their resultant topographical features.
Unit- III 10 Hours	Atmosphere- Elements of Weather and Climate, Composition of the Atmosphere, Atmospheric Temperature, Pressure Belt, winds, Tropical Cyclone and Origin and mechanism of Monsoon
Unit- IV 11 Hours	Hydrosphere- Relief of the Ocean Basins-Tetrahedral theory. Hydrological Cycle, Ocean Salinity, Ocean Temperature-vertical and horizontal Distribution , Ocean Currents (Pacific and Indian)

Books Recommended:

1. Alan H. Strahler, Arthur Strahler, *Introducing Physical Geography*, John Wiley & Sons, New York, 2005
2. Monkhouse, F.J., *Principles of Physical Geography*, Hodder and Stoughton, London.1960
3. Strahler, A.N. and Strahler, A.H., *Modern Physical Geography*; John Wiley & Sons, Revised edition 1992
4. Thornbury, W.D., *Principles of Geomorphology*, Wiley Eastern, 1969
5. Critchfield, H., *General Climatology*, Prentice-Hall, New York,1975.
- 6 .Savindra Singh- *Physical Geography*(Hindi and English Both) Prawalika Publication Prayagraj
7. Lal D.S.,*Climatology & Oceanography* (Hindi and English Both) Sharda Pustak Bhavan Prayagraj
- 8 Mazid Husain- *Bhautik Bhoogol*,Rawat Publication, Jaipur,2019
- 9.Alka Gautam- *Bhautik Bhoogol* , Rastogi Publication, Meerut,

0000

B.A. Geography
Semester- I-Practical

Course Title- Scale and Graphs

Credit- 01 (Credit hours-30)

Max. Marks : 50

Course Outcome-

- CO1- Understand and prepare different kinds of Scales and comprehend the concept of scales and representation of data through graphs.
CO2- The Study of Scale will help in the map making and develop an idea about scale and draw different types of scale like linear, diagonal etc.
CO3- The Study of Graphs and Diagrams will help in the presentation of statistical data.
CO4- Development of observation skills.
CO5- They can know about the Data and various type of Graphs.

Unit I 10 Hours	Scale: Statement Scale, Representative Fraction (R.F.), Linear Scale-Simple, Diagonal, Comparative, and Time Scales.
Unit II 10 Hours	Methods of Showing Relief Contour: Representation of different landforms by contours. Drawing Of Profile-Serial, Composite and Super Imposed
Unit III 10 Hours	Graph and Diagram: Line graph, Bar Diagram Circle Diagram, Pie Diagram.

Books Recommended:

1. Davis, R.N. and Foote, F.S. (1953): Surveying, 4th edition, McGraw Hill Publication, New York.
2. Jones, P.A. (1968): Fieldwork in Geography, Longmans, Green and Company Ltd., First Publication, London.
3. Monkhouse, F.J. and Wilkinson, F.J. (1985): Maps and Digrams. Methuen, London.
4. Natrajan, V. (1976): Advanced Surveying, B.I. Publications., Mumbai.
5. Pugh, J.C. (1975): Surveying for Field Scientists, Methuen and Company Ltd., London, First Publication.
6. Sarkar, A.K. (1997): Practical Geography : A Systematic Approach. Orient London, Kolkata.
7. Sharma, J.P. (2001): Prayogik Bhugol., Rastogi Publication, Meerut 3rd edition.
8. Singh, R.L. and Singh, Rana P.B. (1993): Elements of Practical Geography. (Hindi and English editions). Kalyani Publishers, New Delhi.
9. Singh, L.R. (2006) : Fundamentals of Practical Geography, Sharda Pustak Bhawan,

0000

B.A. Geography
Semester- II
Course Title- Fundamental Of Human Geography

Course Type- Discipline Specific Core	Course Code- DSC
Total Credit- 3	
SEE- 80	CCA-20
Question Pattern- (i) Objective Type Question- MCQ, Fill in Blank, True/False, Total 10 Question (ii) Very Short Answer Type- Word Limit 70-100 Total -3 Questions (iii) Short Answer Type - Word Limit 200-250 Total -03 Questions (iv) Long Answer Type - Word Limit 500-600 Total -03Questions	
Course Outcome – CO-1- Gain knowledge about major themes of human Geography. CO-2- Acquire knowledge on the history and evolution of humans. CO-3- Understand the approaches and processes of Human Geography as well as the diverse patterns of habitat and adaptations. CO 4- Development an idea about space and society CO 5-Understand the evolution of varied types of economic activities. CO 6-Appreciate the varied aspects of development and regional disparity, in order to formulate measures of balanced development and sustainable development.	

B.A. Geography Honors

Semester- II

Course Title- Fundamental Of Human Geography

Unit- I 12 Hours	Introduction to Human Geography i. Definition, nature and scope. ii. Fundamental concept in Human Geography . iii. Understanding of man nature relationship: Determinism, Possibilism and Neo-determinism.
Unit- II 13 Hours	Population and Settlement i. Growth of population, distribution and density of the world. ii. Socio economic Pattern of Population ii. Migration: causes, and types iii. Theory and Model of population growth: Malthus iv. Structure, Types and characteristics of human settlement.
Unit- III 10 Hours	Human Races- i. Human races- world distribution; ii. Habitat and economy of selected communities (Gond, Eskimo, Bushmen).
Unit- IV 10 Hours	Geography and Development. i. Indicators and measures of Regional development . ii. Global pattern of development: inter-regional variations, HDI. iii. Concept of Sustainable Development.

Reading List

1. Bergwan, Edward E., *Human Geography: Culture. Connections and Landscape*, Prentice Hall, New Jersey. 1995
2. Carr, M., *Patterns, Process and change in Human Geography*, MacMillan Education, London, 1987
3. Daniels Peter, Bradshaw Michae, Shaw Davil and Side way James, *Human Geography: Issues for the Twenty First Century*, Prentice Hall, New Jersey, 2001
4. James, M. Robenstein, *An Introduction to Human Geography*, Prentice Hall, New Jersey, 2001
5. Michael, Can, *New Patterns: Process and Change in Human Geography Nelson*, 1997
- 6- Hussain Mazid- *Human Geography*, Rawat Publication Jaipur
- 7-Garg H.S. *Manav Bhoogol*, SBPD Publication, Agra.
- 8.Haroon Mohammad, *Manav Bhoogol*, Wisdom Publication
9. Kausik S.D. *Manav avam Arthik Bhoogol*, Rastogi publication Meerut.

-----000-----

Rajeev Gandhi Govt. Post Graduate College Ambikapur, Chhattisgarh

B.A. Geography Honours Semester- II

Course Title- Practical (Geographical Methods of the Statistical Technique)
Credit-01 (Hours-30) Max. Marks : 50

<p>Course Outcome- CO1-Understand and prepare different kinds of Diagrams and maps. CO2- Recognize basic themes of map making. CO3-Knowledge of Statistics performance is obtained on the basis of primary and secondary data from various sources. . CO-4-Develop an idea about different type of distribution mapping techniques like dot map, choropleth map and isopleth map CO5-As map making is the sole purpose of geographers, by going through this paper students can acquire good knowledge about different procedure of map making and various projection system of map making by developing broad knowledge about latitude, longitude, meridians, parallels etc.</p>

Unit I	One Dimensional Diagram- Simple Pyramid, Wind Rose, Graph- Hythergraph, Climograph
Unit II	Distributional Maps- Isopleths, Choropleth Method ,Dot Method
Unit III	Map projection - Concept and Classification. Conical projection With one Standard Parallel , Bonne,s Projection.
Unit IV	Cylindrical Projection- Simple , Equal area

Books Recommended:

1. Davis, R.N. and Foote, F.S. (1953): Surveying, 4th edition, McGraw Hill Publication, New York.
2. Jones, P.A. (1968): Fieldwork in Geography, Longmans, Green and Company Ltd., First Publication , London.
3. Monkhouse, F.J. and Wilkinson, F.J. (1985): Maps and Digrams. Methuen, London.
4. Natrajan, V. (1976): Advanced Surveying, B.I. Publications., Mumbai.
5. Pugh, J.C. (1975): Surveying for Field Scientists, Methuen and Company Ltd., London, First Publication.
6. Sarkar, A.K. (1997): Practical Geography : A Systematic Approach. Orient London, Kolkata.
7. Sharma, J.P. (2001): Prayogik Bhugol., Rastogi Publication, Meerut 3rd edition.
8. Singh, L.R. (2006) : Fundamentals of Practical Geography, Sharda Pustak Bhawan,

---0000---

Rajeev Gandhi Govt. Post Graduate College Ambikapur, Chhattisgarh
B.A. Geography
 Semester- III
Course Title- Systematic Geography of India

Course Type- DSCC-3		Course Code-GEOG -3
Total Credit- 3		
SEE- 80	CCA-20	
<p>Question Pattern- (i) Objective Type Question- MCQ, Fill in Blank, True/False, Total 12 Question (ii) Very Short Answer Type- Word Limit 70-100 Total -05 Questions (iii) Short Answer Type - Word Limit 200-250 Total -05 Questions (iv) Short Answer Type - Word Limit 500-600 Total -05 Questions</p>		
<p>Course Outcome-</p> <p>CO1-To describe various geographical aspects of land, people and economy of Indian sub continent.</p> <p>CO2-The students will appreciate the relevance of geographical knowledge of India to understand the contemporary issues.</p> <p>CO3- In-depth knowledge of climate, natural vegetation, agriculture and energy,resources and industries of India</p> <p>CO4- Conceptualize the systematic approaches and to examine regional differentiation in the study of India</p> <p>CO5-Recognize regional identities and environmental dimension of regionalization to address the issues and concern needed for regional planning of India.</p>		

Rajeev Gandhi Govt. Post Graduate College Ambikapur, Chhattisgarh
B.A. Geography
Semester- III
Course Title- Systematic Geography of India

Unit- I 12 Hours	Physical Setup - Physiographic Division of India . Major Drainage System – Himalayan and Peninsular Rivers. Climate and Its Characteristics.
Unit- II 13 Hours	Natural Resources- Soils types and distribution. Natural Vegetation. Mineral Resources Production and Distribution:- Iron-ore and Bauxite Energy Resources: Coal, Petroleum, Non -Conventional- Hydro-electricity, Solar and Wind.
Unit- III 10 Hours	People and Economy- Growth of population, distribution and density; Urbanization and mobility. Agriculture growth; agricultural regions; Industrial growth; industrial regions of India; SEZ. Transport and Communication; Composition of domestic and foreign trade.
Unit- IV 10 Hours	Regionalization-R.L. Singh, OHK Spate, Regional studies Of India- Kashmir Valley, Narmada basin, Great Indian Desert.

Books Recommended

1. Deshpande, C.D (1992) ., *India- A Regional Interpretation*, Northern Book Centre, New Delhi, 2. Govt. of India, *National Atlas of India*, NATMO Publication, Calcutta
3. Khullar, D.R. (2006), *India: A Comprehensive Geography*, Kalyani Publication, New Delhi,
4. Mitra, A., *Levels of Regional Development in India*, Census of India, Vol I, Part I-A (i) and (ii), New Delhi, 1967
5. Tiwari R.C.(2018) *Bharat Ka Bhoogol*, Pravalika Publication, Prayag
- 6..C.B. Mamoriya, *Bharat Ka Vrihat Bhoogol*, Sahitya Bhavan Agra.
7. Saxsena H.M.,(2019) *Bharat Ka Bhoogol*, Ravat Publication, Jaipur
8. Sinha, Anil kumar,(2021) *Bharat me Krishi Vikas*, Asian Press Books, Kolkata.
- 9.Chauhan P.R. Mahatam Singh(2004)*Bharat ka Vrihad Bhoogol*, Vasundhara Prakasan, Gorakhpur
- 10- Singh R. L.(Editor) –*India A Regional Geography* , NCSI Varanasi, 1971

B.A. Geography
Semester- III

Course Title- Practical - Study Of Topographical Sheet And Indian Weather Maps

Credit-1 Max. Marks : 50

Course Outcome-

CO-1-Through this paper students are able to know about different map reading and map analysis techniques along with develops an idea about Topographical Map and can able to prepare weather maps of India for different season.

CO2-Study of Topographical sheet help in Understanding the surface feature.

CO3- Study of Topographical sheet increases understanding of physical and cultural features with the help of maps.

CO4-The understanding of weather and climate related events will increase day by day.

CO5- . Understanding the functions of metrological instruments and will help predicting the weather.

Unit I	History Of Indian Topographical Map, Conventional Sign,
Unit II	Method of Study of Topographical map,- Primary Information ,Physical Elements, Cultural Elements.(64 Series)
Unit III	Indian Weather Maps-Elements Of Climate and Metrological Instruments. Indian Weather Symbols.
Unit IV	Interpretation Of Indian Daily Weather Maps- Pre and Post Monsoon.

1-Singh Rana P.B. – Elements Of Practical Geography. kalyani Publishers

2- Chauhan P.R. Practical Geography, Vasundhara Publication, Gorakhpur

3. Sarkar, A.K. (1997): Practical Geography : A Systematic Approach. Orient London, Kolkata.

4. Sharma, J.P. (2001): Prayogik Bhugol., Rastogi Publication, Meerut 3rd edition.

5. Singh, R.L. and Singh, Rana P.B. (1993): Elements of Practical Geography. (Hindi and English editions). Kalyani Publishers, New Delhi.

6. Singh, L.R. (2006) : Fundamentals of Practical Geography, Sharda Pustak Bhawan,

--00--

Rajeev Gandhi Govt. Post Graduate College Ambikapur, Chhattisgarh

B.A. Geography

Semester- III

Course Title- Geography Of Health

Course Type- -Disciplinary Elective Course	Course Code- DSE
Total Credit- 4	
SEE- 80	CCA-20
Question Pattern- (i) Objective Type Question- MCQ, Fill in Blank, True/False, Total 12 Question (ii) Very Short Answer Type- Word Limit 70-100 Total -05 Questions (iii) Short Answer Type - Word Limit 200-250 Total -05 Questions (iv) Short Answer Type - Word Limit 500-600 Total -05 Questions	
Course Outcome- CO1- Gain knowledge about major themes of human health. CO2- The understanding of the interrelationship between human health and environment Elements will increase. CO3- The diseases caused by humans are related to spatial characteristics and pollution related factors, the study of health geography increase its understanding. CO-4- Understand the relationship of man , environment and health. CO-5- Which is aimed at providing knowledge about the human health and It's also give knowledge about infrastructure and facilities of health care services	

B.A. Geography

Semester- III

Course Title- Geography Of Health

Unit- I 12 Hours	Nature, scope and importance of geography of health. Development of this area of specialization; Indicators of health.
Unit- II 13 Hours	Geographical factors affecting human health and diseases - (i) Physical factors- relief, climate, soils and vegetation. (ii) Socio-Economic factors- population ,literacy, poverty.- nutrition (iii) Environmental factors-water, air , noise pollution and solid waste .
Unit- III 10 Hours	Classification and type of diseases, . Pattern of World distribution of major diseases. Transmission of major diseases:- cholera, malaria, tuberculosis, hepatitis, AIDS and STDS
Unit- IV 10 Hours	Problems of mal-nutrition in India. Health-care planning:- (i) international level-WHO, UNICEF, Red Cross (ii) National level-Government and NGOs, Health Care Planning and Policies ; Health care services; Primary health care; Inequalities in health care services in India;

Books Recommended

1. Banerjee, B. and Hazra J. : Geo-Ecology of Cholera in West Bengal, University of Calcutta, Calcutta 1980.
2. Cliff, A. and Haggett, P. : Atlas of Disease Distribution. Basil Blackwell, Oxford, 1989.
3. Digby, A. and Stewart, L. (eds.) : Gender, Health and Welfare. Routledge, New York, 1996.
4. Hazra, J. (ed.): Health Care Planning in Developing Countries. University of Calcutta, Calcutta, 1997.
5. Learmonth A.T.A. : Patterns of Disease and Hunger. A Study in Medical Geography. David & Charles, Victoria, 1978.
6. May, J.M.: Studies in Disease Ecology, Hafner Pub., New York, 1961.
7. May, J.M.: Ecology of Human Disease, M.D. Pub., New York, 1959.
8. May, J.M.: The World Atlas of Diseases, Nat. Book Trust, New Delhi, 1970.
9. Mc. Glashan, N.D. : Medical Geography, Methuen, London, 1972.
10. Narayan, K.V.: Health and Development- Inter-Sectoral Linkages in India. Rawat Pub., Jaipur, 1997.
11. Singhai G.C. (1995) Medical Geography, in Hindi, Vasundhara Prakasan Gorakhpur

Rajeev Gandhi Govt. Post Graduate College Ambikapur, Chhattisgarh
B.A. - Geography
 Semester- III

Disciplinary Elective Course(DSE) -Practical

Course Title- Map Projection and Quantitative Techniques

Course Type- DSE- Practical		Course Code- DSE PR (E)-3
Total Credit- 1		
SEE- 50		
Course Outcome – CO1- Gain knowledge about Basic of Practical Geography. CO2- Use various statistical techniques used in Geography. CO3- Construct various types of projections and scales as per requirement of the study. CO4. Collect primary and secondary data in the field. CO.5. Apply various statistical formulas to analyze data		

Unit-I 15 hrs	Map Projection- Mercator Projection, Zenithal Projection- Gnomonic Polar Zenithal Projection, Stereographic Polar Zenithal Projection , Orthographic Polar Zenithal Projection
Unit II 15 hrs	Quantitative Techniques- Collection of Data- Primary data, Secondary data, Sampling, Tabulation, Cumulative Frequency Curve , Measurement of Central Tendency- Mean, Median mode, Correlation.

Books Recommended

- 1- Chauhan, P.R. , 2014, Practical Geography, Vasundhara Prakasan Gorakhpur
- 2- Sharma, J.P. 1995, Practical Geography, Rastogi Publication, Meerut
- 3- Khullar, D.R. (2014) Practical Geography, Kalyani Pulishers, Ludhiyana
- 4- Mishra, R.N. (2019) Practical Geography, Rawat Publication, Jaipur

B.A. Geography

Semester- IV

Course Title- Economic Geography

Course Type-	Course Code-
Total Credit- 3	
SEE- 80	CCA-20
Question Pattern- (i) Objective Type Question- MCQ, Fill in Blank, True/False, Total 12 Question (ii) Very Short Answer Type- Word Limit 70-100 Total -05 Questions (iii) Short Answer Type - Word Limit 200-250 Total -05 Questions (iv) Short Answer Type - Word Limit 500-600 Total -05 Questions	
Course Outcome:- CO1-Understand the concept of economic activity, factors affecting location of economic activity. CO2-Gain knowledge about different types of Economic activities CO3- Assess the significance of Economic Geography, the concept of economic man and theories of choice. CO4-The course explores the processes of globalization and seeks to provide understanding of today's increasingly interdependent world. CO5- Map and interpret data on production, economic indices, transport network and flows. CO6-Students would be able to understand how in an increasingly globalized world, economic activities occur unevenly over geographical space; how local places and global economy are intertwined, and how the regime of neoliberal policies are generating uneven geography of Capitalist development.	

Rajeev Gandhi Govt. Post Graduate College Ambikapur, Chhattisgarh
B.A. Geography
Semester- IV
Course Title- Economic Geography

Unit- I 20 Hours	Definition, Scope and development of economic geography . Economic activities and sectors (primary, secondary, tertiary and quaternary)
Unit- II 15 Hours	Agricultural Economy -Agriculture, forestry, fishing and mining. Industrial Economy -Classification of industries, Manufacturing Industries- Cotton Textile, Iron and Steel and Cement.
Unit- III 15 Hours	Factors Affecting location of Economic Activity -- Agriculture -Von Thunen theory, Industrial location Theory -Weber's theory. Agricultural regions- D. Witlessly. Industrial Regions of the world.
Unit- IV 15 Hours	Trade and Commerce - Special Economic Zones (SEZ) and Technology Parks. World Pattern of Transport and Trade . Mode of transportation and transport cost, , Patterns of International Trade, Globalization. WTO and Developing Countries.

Reading List

1. Alexander J. W., 1963: *Economic Geography*, Prentice-Hall Inc., Englewood Cliffs, New Jersey.
2. Coe N. M., Kelly P. F. and Yeung H. W., 2007: *Economic Geography: A Contemporary Introduction*, Wiley-Blackwell.
3. Hodder B. W. and Lee Roger, 1974: *Economic Geography*, Taylor and Francis.
4. Combes P., Mayer T. and Thisse J. F., 2008: *Economic Geography: The Integration of Regions and Nations*, Princeton University Press.
5. Wheeler J. O., 1998: *Economic Geography*, Wiley..
6. Durand L., 1961: *Economic Geography*, Crowell.
7. Bagchi-Sen S. and Smith H. L., 2006: *Economic Geography: Past, Present and Future*, Taylor and Francis.
8. Willington D. E., 2008: *Economic Geography*, Husband Press.

Rajeev Gandhi Govt. Post Graduate College Ambikapur, Chhattisgarh

B.A. - Geography

Semester- VI

Practical

Course Title- Field Survey- Instrumental

Course Type-		Course Code- PR
Total Credit- 1		
SEE- 50		
<p>Course Outcome – CO1-Every student can gain required excellence in using the Surface Station Instrument. CO2-Students can make accurate designs/plots thus by avoiding any manual errors CO3- Every student can meet the requirement of knowing the Surface Station instrument which is vital for any construction firm. CO4-Diverse knowledge of surveying practices applied for real life problems. CO5-Work with various surveying equipment's, like Chain and Tape etc., in order to apply the Theoretical knowledge to carry out practical field work. CO6-Obtain The knowledge of limits of accuracy will be obtained by making measurements with various surveying equipment employed in practice.</p>		

Unit-I 10 hrs	Importance of Field Survey, Concept of Field Survey .
Unit II 10 hrs	Chain and Tape Survey – Traverse method, Triangulation Method , Construction of Area Plan.
Unit III 10 hrs	Prismatic Compass Survey- Radiation Method, Intersection method, Traverse method
Unit IV 10 hrs	Plane Table Survey- Radiation Method, Intersection method, Traverse method, Resection.

Books Recommended

- 5- Davis, R.E.and Foote. F.S. ,1953 Surveying: Theory and Practical, Tokyo
- 6- Istiaque, M. 1989, A Textbook of Practical Geography, Heritage Publication, New Delhi
- 7- Kanetkar, T.P.and Kulkarni, S.V.,1988 Surveying and Levelling, Pune
- 8- Chauhan, P.R. , 2014, Practical Geography, Vasundhara Prakashan Gorakhpur
- 9- Sharma, J.P. 1995, Practical Geography, Rastogi Publication, Meerut
- 10- Khullar, D.R. (2014) Practical Geography, Kalyani Publishers, Ludhiana
- 11- Mishra, R.N. (2019) Practical Geography, Rawat Publication, Jaipur

Rajeev Gandhi Govt. Post Graduate College Ambikapur, Surguja, (C.G.) India

Department Of Geography, Post Graduate Studies & Research Centre
CBCS STRUCTURE FOR M.A. (GEOGRAPHY)

Global, National, Regional and Local Relevance of Syllabus

COURSE CODE	COURSE TITLE	UNIT	DESCRIPTION	RELEVANCE			
				GLOBAL	NATIO NAL	REGIONA L	LOCAL
M.A. IstSem ECO 101	Geomorphology	I	Basics and Concept of Geomorphology	√	√	√	√
		II	Origin of Continents and Ocean Basins and Tectonics Movements	√	√	√	√
		III	Endogenetic Forces	√	√	√	√
		IV	Geomorphic Land Forms and applied geomorphology	√	√	√	√
M.A. IstSem CCO 111	Practical -1 Advanced Cartography	I	Graphs and Diagrams	√	√	√	√
		II	Thematic Maps	√	√	√	√
		III	Morphometric Analysis	√	√	√	√
M.A. IstSem ECO 102	Climatology	I	Climate System	√	√	√	√
		II	Applied Climatology	√	√	√	√
		III	Air Masses and Fronts	√	√	√	√
		IV	Classification of Climate	√	√	√	√
M.A. IstSem ECO 103	Geography of India	I	Physical and Biological elements in the Geography of India		√	√	√
		II	Agriculture		√	√	√
		III	Sources of power		√	√	√
		IV	Regional division of india		√	√	√
M.A. IIndSem GEO 201	Environmental Geography	I	Environment: Meaning, definition, concepts and theories related to environment	√	√	√	√
		II	Environment and development	√	√	√	√
		III	Environmental hazards	√	√	√	√
		IV	Environmental Management	√	√	√	√
M.A.	Oceanography	I	Nature and scope of Oceanography	√	√		

IIIndSem GEO 203		II	Interlink between atmospheric circulation and circulation pattern in the ocean	√	√		
		III	Marine biological environment	√	√		
		IV	Impact of Humans on the marine environment	√	√		
M.A. IIIndSem CMP 202	Geographical thought and methodology	I	The field of geography	√	√		
		II	The growth of geographical knowledge from earliest time to the 15 th century	√	√		
		III	Scientific explanations	√	√	√	√
		IV	Responses to positivism, behaviouralism and humanistic, relevance	√	√	√	√
M.A. IIIndSem CMP 202	Practical- Map Projection, map Interpretation and Surveying	I	Map projections	√	√	√	√
		II	Interpretation of Maps	√	√	√	√
		III	Principles and methods of topographical surveying	√	√	√	√
M.A. IIIndSem ECO S01	Research methodology & Computer application: Basic	I	Concept of research	√	√	√	√
		II	Tools of research	√	√	√	√
		III	Method of research	√	√	√	√
		IV	Treatment of data	√	√	√	√
		V	Computer Fundamentals	√	√	√	√
		VI	Office Software Package	√	√	√	√
M.A. IIIndSem GEO B02	Bio Geography	I	Essentials of Biogeography	√	√	√	√
		II	Spatial Dimensions in Biogeography	√	√	√	√
		III	Dynamic biogeography	√	√	√	√
		IV	Soils and Biomas	√	√	√	√
M.A. IIIIndSem GEO 301	Rural Settlement Geography	I	Bases, Evolution and Models	√	√	√	√
		II	Spatiality and Histogenesis	√	√	√	√
		III	Rural Dwellings	√	√	√	√
		IV	Indian Village	√	√	√	√
M.A. IIIIndSem GEO 302	Medical Geography	I	Nature, scope and significance of geography of health	√	√	√	√
		II	Geographical factors affecting human health and diseases arising from them, viz	√	√	√	√
		III	Classification of disease	√	√	√	√
		IV	Diffusion of disease and causes	√	√	√	√

M.A. IIIIndSem GEO 303	Principle of Economic Geography	I	Scope, content and recent trends in economic geography	√	√	√	√
		II	Factors of location of economic activities	√	√	√	√
		III	Case studies of selected industries	√	√	√	√
		IV	Typology of market	√	√	√	√
M.A. IIIIndSem GEO 311	Practical- 3 Remote sensing, GIS and Quantitative Techniques	I	Air photos and Photogrammetry	√	√	√	√
		II	Remote Sensing-Image Processing	√	√	√	√
		III	Elements of GIS	√	√	√	√
		IV	Quantitative Techniques	√	√	√	√
M.A. IIIIndSem GEOS 02	Intellectual property rights	I	Introduction, Nature, Basic Concepts and International Conventions	√	√	√	√
		II	Law of Copyright	√	√	√	√
		III	Law of Patents	√	√	√	√
		IV	Law of Trademark	√	√	√	√
		v	Design and other forms of Geographical Indication (GI)	√	√	√	√
M.A. IIIIndSem CMP C02	Agricultural Geography	I	Nature, Scope, significance and development of agricultural geography	√	√	√	√
		II	Determinants of agricultural Land use	√	√	√	√
		III	Theories of agricultural location based pon several multi-dimensional factors	√	√	√	√
		IV	Agericulture in India	√	√	√	√
M.A. IVrthSem GEO 401	Regional Planning and Development	I	Regional Planning: Definition, scope evolution and Objectives.	√	√	√	√
		II	Regional Development	√	√	√	√
		III	Approaches and Strategies of Regional Development	√	√	√	√
		IV	Regional Planning in India	√	√	√	√
M.A. IVrthSem GEO 402	Population Geography	I	Nature, scope and contents of Population Geography	√	√	√	√
		II	Spatial pattern of distribution	√	√	√	√
		III	Composition of Population	√	√	√	√
		IV	Migration	√	√	√	√
M.A. IVrthSem GEO 403	Urban Geography	I	Definition, Objective and Scope of Urban geography	√	√	√	√
		II	Internal structure	√	√	√	√
		III	Centrifugal and Centripetal forces in Geography Economic Base of town	√	√	√	√

		IV	Contemporary Urban Issues	√	√	√	√
M.A. IVrthSem GEO D02	Geography of Tourism	I	Basics of Tourism	√	√	√	√
		II	Geography of Tourism	√	√	√	√
		III	Indian Tourism		√	√	√
		IV	Tourism circuits-short and longer	√	√	√	√

**Rajeev Gandhi Govt. Post Graduate College
Ambikapur, Surguja, (C.G.) India**

**Department Of Geography, Post Graduate Studies &
Research Centre**

FOUR YEARS UNDERGRADUATE PROGRAMME

IN

B.A.GEOGRAPHY CERTIFICATE/DIPLOMA/DEGREE COURSES

(National Education Policy 2020)

Global, National, Regional and Local Relevance of Syllabus

COURSE CODE	COURSE TITLE	UNIT	DESCRIPTION	RELEVANCE			
				GLO BAL	NAT ION AL	REG ION AL	LOC AL
B.A. Ist Sem DSC-1	Fundamental of Physical Geography	I	Lithosphere	√	√	√	√
		II	Rocks	√	√	√	√
		III	Atmosphere	√	√	√	√
		IV	Hydrosphere	√	√		
B.A. IInd Sem DSC-2	Fundamental of Human Geography	I	Introduction of Human Geography	√	√	√	√
		II	Human Races	√	√	√	√
		III	Population and Settlement	√	√	√	√
		IV	Indicators of Human Development	√	√	√	√
B.A. IIIrd Sem DSC-3	Systematic Geography of India	I	Physical Features	√	√	√	√
		II	Natural Resources	√	√	√	√
		III	People and Economy	√	√	√	√
		IV	Regional Study of India	√	√	√	√
B.A. IIIrd Sem DSE-1	Geography of Health	I	Importance and Indicators of Health	√	√	√	√
		II	Geographical Factors affecting Human Health and Disease	√	√	√	√
		III	Classification and Types of Disease	√	√	√	√
		IV	Problems of Mal- Nutrition In India and Health care Planning	√	√	√	√
B.A. IVth Sem DSC-4	Economic Geography	I	Economic Activities and Sectors	√	√	√	√
		II	Agricultural and Industrial Economy	√	√	√	√
		III	Factors Affecting Location of Economic Activities	√	√	√	√
		IV	Trade and Commerce	√	√	√	√

COURSE CODE	COURSE TITLE	UNIT	DESCRIPTION	RELEVANCE			
				GL OB AL	NA TIO NA L	RE GI ON AL	L O C AL
B.A. Vth Sem Old Course	Remote Sensing and GIS	I	Basics Remote Sensing	√	√	√	√
		II	Types of Remote Sensing	√	√	√	√
		III	Visual and Digital image processing techniques	√	√	√	√
		IV	Introduction of GIS	√	√	√	√
B.A. VI Sem Old Course	Geography of Chhattisgarh	I	Physical Features			√	√
		II	Natural Resources		√	√	√
		III	Agriculture and Population		√	√	√
		IV	Industries		√	√	√
B.Sc./ B.come I st Sem GE	Geography of Health and Social Wellbeing	I	Environment and Health	√	√	√	√
		II	Climate change and Human Health	√	√	√	√
		III	Indicators of Social Well-being	√	√	√	√
		IV	Concept of Human Development	√	√	√	√
B.Sc./ B.come IIInd Sem GE	Geography of Tourism	I	History and Concepts of Tourism	√	√	√	√
		II	Hospitality Industry in Tourism	√	√	√	√
		III	Tourism Planning in India	√	√	√	√
		IV	New trends in Tourism	√	√	√	√
B.Sc./ B.come IIIrd Sem GE	Fundamental of Climatology	I	Elements of Weather and Climate	√	√	√	√
		II	Isolation	√	√	√	√
		III	Wind belt of the earth	√	√	√	√
		IV	Types of Precipitation	√	√	√	√
B.Sc./ B.come IVth Sem GE	Disaster Management	I	Concept of Hazards & Disaster	√	√	√	√
		II	Disaster management cycle	√	√	√	√
		III	Detail study of nature and characteristics of hazards	√	√	√	√
		IV	Indigenous community based disaster preparedness	√	√	√	√