



Department of Geography Govt. V.Y.T. PG Autonomous College, Durg

Vision

To be recognized as a centre for excellence in teaching and research and to provide an atmosphere of allround growth of the students

Mission

- To make responsible citizens to protect and save environment
- To develop knowledge and awareness on global geographical issues

B.A. Geography

Program Specific Outcomes

- PSO 1 Development the analytical capabilities to examine the relationship between local processes and condition and those at the national and global level.
- PSO 2 Resources are crucial for the technological and economic Development of firms inspatial perspective.
- PSO 3 Analyzing the unit in the vast cultural background of india.
- PSO 4 Internet and GIS – Advantage of GIS and Principle of Computer Cartography.
- PSO 5 Understanding the natural characteristics of Chhattisgarh and gain knowledge about resources- Reserve, production and problems of conservation of minerals, power of resources , forest resources and populationresources.

Course Outcomes

B.A. Part I

BGG01 Physical Geography

- CO1: Understand earths tectonic and structure evolution
- CO2: Gain knowledge about earth interior.
- CO3: Develop an idea about concept of plate tectonics, and Resultant landforms.
- CO4: Acquire knowledge about types of folds and faults and Earthquakes, volcanoesand associated landforms.

BGG02 Human Geography

- CO1: Understand the spatialconnections and complexities of the social world.
- CO2: Developing the analytical capabilities to examine the relation-ship between localprocesses and conditions and those at the national and global level.

BGGL01 Lab course

- CO1: To acquaint the students with basic of statistical data.
- CO2: Learning about chain and tape surveying.

B.A. Part II

BGG03 Economic and Resources Geography

CO1: Resources are crucial for the technological and economic development of firms inspatial perspective.
CO2: In examining four types of resources – material resources, knowledge, power andsocial capital .
CO3: Many geographic regions that have not been conducive to Modern economicgrowth have high population densities.

CO4: Transport costs of international trade are high, tropical regions, which bear a heavyburden of disease.

BGG04 Geography of India

CO1: Explaining the Fundamentals of Geotectonic and Geomorphology.

CO2: Stabilizing the relationships between landforms, processes and underlying structureAnalyzing the unity in the vast cultural background of india

CO3: Studying typical physiographic, planning, arid and biotic regions of india.

BGGL02 Lab Course

CO1: Forming a clear concept on map projection.

CO2: Learning about prismatic surveying.

B.A. Part III

BGG05 Remote Sensing & GIS

CO1: Understand the basic principles of microwave remote sensing.

CO2: Understand the image processing methods

CO3: Fundamental concept of Arial Photography.

CO4: To understand the meaning and concept of GIS.

CO5: Internet and GIS –Advantage of GIS CO6:Principle of Computer Cartography.

BGG06 Geography of Chhattisgarh

CO1: Understand the natural characteristics of Chhattisgarh.

CO2: Gain knowledge aboutresources, Reserves, production and problems of conservation of mineral, power of resources, forest resources and population resources.

CO3: Understand the economy and its impact.

BGGL03 Lab Course

CO1: Gain knowledge about topographical maps and apply this knowledge in groundsurface.

CO2: Train the students in the art of representing demographic and socio-economicdatabase of any area through simple statistical techniques and cartograms.

CO3: Learning about plain table surveying.

M.A. Geography

Program Specific Outcomes

PSO 1 Understanding the basic Geographical factors and process and Geography as a science of earth surface.

PSO 2 Understanding Earth movement and exogenetic process.

PSO 3 Understanding recent trend in economic Geography and Evaluating resources and its conservation.

PSO 4 Evaluating environmental issues and effects on the earth.

PSO 5 Evaluating impact of human on marine environment and contemporary issues of Indian agriculture.

COURSE OUTCOME

SEMESTER I

MGG101 GEOMORPHOLOGY

CO1: The students have to be sensitized to background knowledge of geology andenvironmental sciences.

CO2: To familiarize the student with the need for understanding of geomorphology with reference to certain fundamental concept, focusing on the unity of geomorphology.

CO3: Finally a few selected applications of geomorphology to societal requirements and quality of environment are dealt with.

MGG102 ECONOMIC GEOGRAPHY

- CO1: To understand the world is undergoing rapid transformation in recent time.
- CO2: Classification of economics, local and spatial organization: sector of economics.
- CO3: Natural resources, classification – renewable and non -renewable biotic and abiotic.
- CO4: Agriculture– physical, social, cultural environment influencing crop production
- CO5: Minerals and industries – classification of minerals: ferrous and non -ferrous and there world distribution.

MGG103 REGIONAL GEOGRAPHY OF INDIA

- CO1: The aim of the course is to familiarize the students with a MESO and a micro-regionof the country in its totality.
- CO2: To prepare the students for understanding the region as a dynamic entity emergingfrom the interaction and interrelationship of the
- CO3: Physical and socio-economic elements of the regional structure over time.
- CO4: To evaluate the intra-regional and inter-regional hierarchic space relationship of theregion and its implications for the future.

MGG104 HISTORY OF GEOGRAPHICAL THOUGHT

- CO1: To introduce the students to the philosophical and methodological foundations ofthe subject and its place in the world of knowledge.
- CO2: To familiarize them with the major landmarks in development of geographicthought at different period of time.

MGGL 01 ADVANCE CARTOGRAPHY

- CO1: Understand to Thematic maps.
- CO2: Evaluating morphometric analysis.
- CO3: Understand to the map projection.

SEMESTER II

MGG201 CLIMATOLOGY

- CO1: To provide an understanding of weather phenomena.
- CO2: The aim of global climates changes.
- CO3: To the generation of climatic information and their application.

MGG202 POPULATION GEOGRAPHY

- CO1: The students to the complex dimensions of Population.
- CO2: To understand and evaluate the association between demographic and socio-economic development.
- CO3: To understand the role and relationship between population and environmentalchange.

MGG203 REGIONAL PLANING AND DEVELOPMENT

- CO1: To understand and evaluate the concept of region in geography and its role andrelevance in regional planning.
- CO2: Identify the issues relation to the development of the region through the process ofspatial organization of various attributes and their relationship.
- CO3: To identify the causes of regional disparities in development, perspectives and policyimperatives.

MGG204 REMOTE SENSING TECHNIQUES

- CO1: To introduce to the students the basic principles of Remote Sensing.

CO2: To indicate the methods of visual and digital interpretations of satellite imageries.

CO3: To outline the application value of remote sensing.

MGGL201 MAP PROJECTION, INTERPRETATION OF TOPOSHEET AND SURVEYING

CO1: Understand to the Map projection construction of world projection.

CO2: Understand to the computer cartography.

CO3: Evaluating dumpy level and Theodolite survey.

SEMESTER III

MGG301 OCEANOGRAPHY

CO1: To objectives of the course are introduce students to the many facets of Oceans

CO2: To the evolution of Oceans, Physical and chemical properties of sea water, atmospheric and Oceanographic circulation.

CO3: The characteristic of marine environment and the impact of man on the marine environment

MGG302 SETTLEMENT GEOGRAPHY

CO1: The students with the conceptual theoretical and empirical development in settlement studies in Geography and the current settlement scenario in India.

CO2: The students with the problems of population growth and environmental degradation in human settlements.

CO3: To provide the students an idea about international and national concerns on settlement issues.

MGG303 REGIONAL GEOGRAPHY OF MESO REGION OF THE WORLD

CO1: To understand the grouping of a few countries as regions based on geographical historical, political compulsions and cultural similarities.

CO2: To explore the forward and backward linkages of regions with the rest of the world.

CO3: To understand the need for regional cooperation for development.

MGG 304 GEOGRAPHY AND ECOSYSTEM

CO1: To understand the general systems-ecological concepts-geography as human ecology.

CO2: To understanding the biodiversity and its conservation biodiversity regions of India.

CO3: To understand the population growth and environment.

CO4: Environmental legislation- environmental laws in india-wild life Act.

MGG301 REMOTE SENSING AND QUANTITATIVE TECHNIQUES

CO1: Understand to the Measures of central tendency.

CO2: Evaluating hypothesis testing chi square and T test.

CO3: Understand to the Gis and GPS.

SEMESTER IV

MGG401 AGRICULTURAL GEOGRAPHY

CO1: To understand the student with concept origin and development of Agriculture.

CO2: The students with the application of various theories model and classification schemes of cropping pattern and productivity.

CO3: Understand to discuss environmental, technological and social issues in agriculture

MGG402 BIO- GEOGRAPHY

CO1: To introduce the student concept of Biogeography and its, interpretation.

CO2: Information and their application, interaction between living organisms with climate and physical environment with special reference to India.

MGG403 NATURAL RESOURCE MANAGEMENT

- CO1: To understand concepts and approaches of natural resource management. CO2: To examine use and misuse of various resources and to analysis future prospects.
- CO3: To study various methods and approaches of conservation and management of natural resources.
- CO4: To analysis natural resources' scenario through different techniques, especially remote sensing and GIS.
- CO5: To understand the concept of sustainable and integrated resource

MGG404 GEOGRAPHICAL INFORMATION SYSTEM & COMPUTER MAPPING

- CO1: To introduce GIS (Geographical Information system) as a tool spatial science .
- CO2: To indicate the basic elements of GIS and methodology of GIS.
- CO3: To outline the steps and areas of application of GIS

MGGL401 PROJECT BASED ON FIELD WORK (PHYSICAL AND SOCIO -ECONOMIC SURVEY)

- CO1: Understand to the conduct a socio- economic survey of the households with a structured.
- CO2: Procure a cadastral map of the village/Town for field mapping of the features of land use and land quality.




Principal
Govt. V.Y.T. P.G. Autonomous
College, Durg (C.G.)