

CHANGU KANA THAKUR A.C.S. COLLEGE, NEW PANVEL
(AUTONOMOUS)
DEPARTMENT OF GEOGRAPHY

PROGRAMME OUTCOME

B.A. in Geography

By the end of the Programme a student should develop the ability to:

1. Understand, coherently and effectively about various genres of Geography.
2. Understanding the diverse concepts in the field of Geography.
3. Understand global and regional patterns of cultural, political and economic institutions, and their effects on exploitation of natural resources and landscapes.
4. Understand need for protection and conservation of natural resources.
3. Develop basic skills in practical Geography and its industrial applications.

COURSE OUTCOMES

Semester: - I - F.Y.B.A. Geography

Revised Syllabus w.e.f. Academic Year, 2019-20 (CBSGS)

Course Outcomes:

PAPER NO. I – GEOMORPHOLOGY (UAR1GE1)

By the end of the course, a student should develop the ability to:

1. Understand comprehensively the nature and scope of Geomorphology
2. Understanding the composition and structure of the interior of the earth and the types Rocks.
3. Understand the Diastrophic and catastrophic movements of the earth's surface
4. Understand the concept and types of weathering and erosion.
5. Understand the erosional and depositional landforms by the erosional agents.
6. Identification of contours, slopes and drawing of sections to depict contour landforms.

Semester: - I - F.Y.B. Com. Environmental Studies

Course Outcomes:

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| PAPER NO. I - ENVIRONMENTAL STUDIES (UCM1EVS) | |
| By the end of the course, a student should develop the ability to: | |
| | <ol style="list-style-type: none">1. Understand comprehensibly the concept of environment and ecosystem.2. Understanding the natural resources and need and measures for sustainable development.3. Understand the population and emerging issues of development4. Understand the urbanization and environment.5. Read the thematic maps and fill the world map. |
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Semester: - II -F.Y.B.A. Geography

Course Outcomes:

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| PAPER NO. I – HUMAN GEOGRAPHY(UAR2GE1) | |
| By the end of the course, a student should develop the ability to: | |
| | <ol style="list-style-type: none">1. Understand comprehensibly the nature, scope, approaches, branches and concepts in Human Geography2. Understanding the concept, types and patterns of rural and urban settlements.3. Understand the determinants on growth, distribution and problems of population.4. Understand the concept, causes, types, trends and consequences of migration.5. Able to construct and interpret of line graphs and flow diagrams and other techniques. |

Semester: - II - F.Y.B. Com. Environmental Studies

Course Outcomes:

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| PAPER NO. I - ENVIRONMENTAL STUDIES (UCM2EVS) | |
| By the end of the course, a student should develop the ability to: | |
| | <ol style="list-style-type: none">1. Understand the solid waste management and role of society in solid waste management.2. Understanding the environmental problems associated with agriculture and sustainable agricultural practices.3. Understand the Tourism potentials and challenges before India.4. Understand the environmental movements and environmental management in India.5. Able to fill the environmentally significant features in Mumbai and Konkan region map. |
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Semester: - III - S.Y.B.A. Geography

Revised Syllabus w.e.f. Academic Year, 2017-18 (CBSGS)

Course Outcomes:

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| PAPER NO. II - AN INTRODUCTION TO CLIMATOLOGY (UAR3GE2) | |
| By the end of the course, a student should develop the ability to: | |
| | <ol style="list-style-type: none">1. Understand the introduction to Climatology considering weather & climate, role of climate in human life, aims, nature, scope, and some other sub division of the course.2. Understand weather phenomena winds, humidity, precipitation and winds.3. Understand the process, methods of weather forecasting and climatic changes5. Able to read and interpret the weather map and to construct the various graphs related to climatology. |
| PAPER NO. III – PHYSICAL GEOGRAPHY OF INDIA (UAR3GE3) | |
| By the end of the course, a student should develop the ability to: | |
| | <ol style="list-style-type: none">1. Understand importance of the location and the geographical personality of India.2. Understand the variability of drainage pattern and climate in India.3. Study of problems related to soil and forest depletion and their conservation methods.4. Study of problems related to minerals and power resources and their conservation methods5. Show the geographical features in the map of India.6. Read, convert and prepare the map scale. |

Semester: - IV- S.Y.B.A. Geography

Revised Syllabus w.e.f. Academic Year, 2017-18 (CBSGS)

Course Outcomes:

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| PAPER NO. II - AN INTRODUCTION TO OCEANOGRAPHY (UAR4GE2) | |
| By the end of the course, a student should develop the ability to: | |
| | <ol style="list-style-type: none">1. Understand importance and physical structure of ocean.2. Knowledge about effect of ocean Currents.3. Understand the relationship between man and ocean.4. Study about movements of ocean water5. Read and interpret the bathymetrical maps. |
| PAPER NO. III – AGRICULTURE GEOGRAPHY OF INDIA (UAR4GE3) | |
| By the end of the course, a student should develop the ability to: | |
| | <ol style="list-style-type: none">1. Understand the introduction to agriculture, nature, scope, significance and approaches of agriculture geography. |

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| <ol style="list-style-type: none"> 2. Understand features, determinants, major crops and problems of Indian agriculture 3. Understand the history, components and impacts of green revolution in India. 4. Understand the development of recent trends in agriculture in India. 5. Interpret the thematic maps and draw the statistical diagrams and graphs. |
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Semester: - V- T.Y.B.A. Geography
Revised Syllabus w.e.f. Academic Year, 2018-19 (CBSGS)

Course Outcomes:

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| PAPER NO. IV - GEOGRAPHY OF SETTLEMENTS (UAR5GE4) | |
| By the end of the course, a student should develop the ability to: | |
| <ol style="list-style-type: none"> 1. Understand the nature and scope of Settlement Geography and the characteristics of rural and urban settlements. 2. Understand the structure of house and building materials, regional variations of rural settlement in India. 3. Understand the history of world settlements and factors responsible for world settlements. 4. Understand the classification and morphology, pattern and nature and process of rural and urban settlements 5. Understand the process of urbanization, urban problems and smart cities in India. | |
| PAPER NO. V-A – GEOGRAPHY OF MAHARASHTRA (UAR5GE5) | |
| By the end of the course, a student should develop the ability to: | |
| <ol style="list-style-type: none"> 1. Understand the location, administrative setup and geographical personality of Maharashtra 2. Understand the drainage and climate in Maharashtra 3. Understand the natural and human resources of Maharashtra 4. Understand the agriculture, fishing and livestock resources in Maharashtra. 5. Understand the growth and development of industries, trade and transport in Maharashtra | |
| PAPER NO. V-B – POPULATION GEOGRAPHY (UAR5GE5) | |
| By the end of the course, a student should develop the ability to: | |
| <ol style="list-style-type: none"> 1. Understand the nature, scope, importance and relation with other social sciences of Population Geography 2. Understand the structure, growth, density and distribution of population in India and World. 4. Get knowledge about population theories. 5. Understand the causes, consequences and recent trends of migration in India 6. Understand the contemporary issues of population in India. | |
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PAPER NO. VI – TOOLS AND TECHNIQUES IN GEOGRAPHY FOR SPATIAL ANALYSIS-I (Practical) (UAR5GE6)

By the end of the course, a student should develop the ability to:

1. Understand the basic concept and types map projections.
2. Understand the Basic elements of map and able to area calculation.
3. Able to read and interpret of topographical maps.
4. Able to use the computer with basic Microsoft and SPSS software's.
5. Able to prepare the thematic maps by using different techniques.

PAPER NO. VII – REGIONAL PLANNING AND DEVELOPMENT(UAR5GE7)

By the end of the course, a student should develop the ability to:

1. Understand the concept, nature and problems of Regional Planning
2. Gain knowledge about definition of region, evolution and types of regional planning.
3. Understand the concept, strategies and measurements of regional disparities and different models of regional development.
4. Understand the regional planning of India.

PAPER NO. VIII-A – GEOGRAPHY OF RESOURCES (UAR5GE8)

By the end of the course, a student should develop the ability to:

1. Understand the concept, factors, importance and classification of resources.
2. Know the over exploitation and conservation measures of natural resources.
3. Learn the importance, consumption, problems and Conservation methods of water, forest, soil and mineral resources.
4. Understand the concept and distribution of human resources.

PAPER NO. VIII-B – GEOGRAPHY OF HEALTH (UAR5GE8)

By the end of the course, a student should develop the ability to:

1. Understand the nature, scope, approaches and evolution geography of Health Geography.
2. Understand the Causes, effects and remedial measures of air, water, radioactive and plastic pollution.
3. Learn the geographical background of diseases, types and case studies of communicable and non-communicable diseases
4. Understand the linkages of health with environment and health related issues.
5. Understand the Health care facilities, distribution, policies and health organisations in India.

PAPER NO.VIII-C- GEOGRAPHY OF DISASTER MITIGATION AND MANAGEMENT (UAR5GE8)

By the end of the course, a student should develop the ability to:

1. Understand the definition, classification and impacts of disasters and hazards.
2. Understand the concept and role of national and international organisations for disaster management.

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| | 3. Understand the causes, effects and distribution of natural disasters and its management in India 4. Understand the anthropogenic disasters and its management in India. |
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| PAPER NO. IX- GEOSPATIAL TECHNOLOGY (UAR5GE9) | |
| By the end of the course,: | |
| | 1. Understand the Concept, Components Importance and history of Geospatial Technology 2. Able to analyze and interpret the aerial photographs and satellite imageries. 3. Able to understand the concept and Applications GPS and capable to survey through GPS. 4. Understand the concept, Components and applications of GIS and capable to data analysis by using the GIS software. |
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Semester:-VI- T.Y.B.A. Geography

Revised Syllabus w.e.f. Academic Year, 2018-19 (CBSGS)

Course Outcomes:

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| PAPER NO. IV - ENVIRONMENTAL GEOGRAPHY (UAR6GE4) | |
| By the end of the course, a student should develop the ability to: | |
| | 1. Understand the nature, scope, importance and man-environment relationship in Environmental Geography 2. Understand the Structure, functions and types of ecosystem. 3. Acquire knowledge about biodiversity and its importance and Management. 4. Understand the concept, types, distribution and hotspots of biodiversity 5. Understand environmental problems there Cause, Effect and Remedies. 6. Understand the Sustainable Development and Environmental Management methods in India. |
| PAPER NO. V-A – GEOGRAPHY OF TOURISM and RECREATION(UAR6GE5) | |
| By the end of the course, a student should develop the ability to: | |
| | 1. Understand about nature, scope, development and factors of tourism development 2. Understand about infrastructure and ancillary services for tourism 3. They understand about types and impacts of tourism. 4. Understand Planning and organization about tourism 5. Understand the potential of tourism sectors in Maharashtra and India 6. Know about national tourism policy. |
| PAPER NO. V-B – POLITICAL GEOGRAPHY (UAR6GE5) | |
| By the end of the course, a student should develop the ability to: | |
| | 1. Understand the nature, scope and historical development of Political Geography 2. Get knowledge about Evolution of states & nations. |

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| | <ol style="list-style-type: none"> 3. Understand the frontiers and boundaries 4. Get knowledge of Geopolitical theories. 5. Investigate the problems and disputes in India 6. Understand about the Electoral Geography. |
| PAPER NO. VI – TOOLS AND TECHNIQUES IN GEOGRAPHY FOR SPATIAL ANALYSIS-II (Practical) (UAR6GE6) | |
| By the end of the course, a student should develop the ability to: | |
| | <ol style="list-style-type: none"> 1. Understand the Meaning and types of data and its presentation. 2. Understand and able to solve the examples of measures of central tendency, dispersion and deviation and correlation, regression and hypothesis testing. 3. Able to collect and analysis of data sampling. 4. Able to collect the field data, its processing and writing of research report. |
| PAPER NO. VII – ECONOMIC GEOGRAPHY (UAR6GE7) | |
| By the end of the course, a student should develop the ability to: | |
| | <ol style="list-style-type: none"> 1. Understand the nature, scope branches and approaches of Economic Geography 2. Know the human economic activities 3. Understand the mineral resources and industrial development 4. Understand the Weber's industrial location theory 5. Understand the importance and pattern of transport and international trade 6. Understand the levels of economic development, Special Economic Zones and related issues in India. |
| PAPER NO. VIII-A – BIOGEOGRAPHY (UAR6GE8) | |
| By the end of the course, a student should develop the ability to: | |
| | <ol style="list-style-type: none"> 1. Understand the nature, scope, branches and approaches of Biogeography. 2. Understand the ecosystem and biosphere. 3. Understand the community and classification of plants. 4. Understand the marine biogeography 5. Understand the types, importance, loss and conservation of biodiversity. |
| PAPER NO. VIII-B – SOCIAL GEOGRAPHY (UAR6GE8) | |
| By the end of the course, a student should develop the ability to: | |
| | <ol style="list-style-type: none"> 1. Understand the nature, scope, and concept, relationship between culture and social environment. 2. Understand the race, religion, language and tribes in India and the world. 3. Understand the social groups and its segregation. 4. Understand the contemporary social issues in India. |
| PAPER NO. VIII-C – GEOGRAPHY OF TRANSPORT (UAR6GE8) | |
| By the end of the course, a student should develop the ability to: | |
| | <ol style="list-style-type: none"> 1. Understand the concept, nature, scope and significance of Transport Geography. 2. Understand the transport network system. 3. Understand the evolution and pattern of modes of transport. |

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| | <p>4. Understand the models about the transport. 5. Understand the issues of transportation in India.</p> |
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| <p>PAPER NO. IX- RESEARCH METHODOLOGY IN GEOGRAPHY (UAR6GE9)</p> | |
| <p>By the end of the course,:</p> | |
| | <ol style="list-style-type: none"> 1. Students will be able to understand the concept, types and stapes in the research methodology, formulation of research and research design. 2. Students will know methods of data collection and its processing and role of internet in research. 3. Students will be able prepare the hypothesis and also be able to do the hypothesis testing by using computer and statistical techniques. 4. Students will be able to spatial and non-spatial data analysis in GIS software's and competent for research writing. 5. Students will be able to prepare the research report on any one theme in Physical Geography or Human Geography. |
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