DEPARTMENT OF GEOGRAPHY

B. A. Geography

Programme Outcomes

After successfully completing B.A. Geography Programme students will be able to:

PO1: Apply qualitative and quantitative research techniques to gather and analyse data on social, cultural, and ecological problems.

PO2: Apply clear written and oral communication skills to communicate results of research.

PO3: Demonstrate connections between everyday life at the local scale and the larger economic, social, and/or environmental forces that network them into a global community.

PO4: Evaluate cultural, social, and environmental processes with a particular focus on space and place, critical theory, practical application, analysis and/or social justice.

PO5: Think in spatial terms to explain what has occurred in the past as well as using geographic principles to understand the present and plan for the future.

PO6: Present completed researches, including an explanation of methodology and scholarly discussion, both orally and in written form and, wherever possible, utilize cartographic tools and other visual formats.

PO7: Demonstrate general understanding of how the physical environment, human societies, and local and global economic systems are integral to the principles of sustainable development.

PO8: Demonstrate acquisition of Weather chart/map, map aerial photograph and Image reading skill.

PO9: Apply Remote sensing concepts, techniques and their application.

PO10: Develop research questions and critically analyse both qualitative and quantitative data to answer those questions using various theoretical and methodological approaches in both physical and human geographies.

PO11: Develop a general understanding of global human population patterns, factors influencing the distribution and mobility of human populations including settlement and economic activities and networks, and human impacts on the physical environment.

PO12: Read, interpret, and generate maps and other geographic representations as well as extract, analyse, and present information from a spatial perspective

Programme Outcomes

After completing B. A. Geography programme will have

PSO1: Demonstrate and understanding of principles and theories of Geography. This includes Geomorphology, Economic Geography, Human Geography, and Agriculture Geography.

PSO2: Apply Statistical Techniques of Spatial Analysis.

PSO3: Demonstrate ability to apply knowledge learned in classroom to set and perform simple laboratory experiments in geography.

Course Outcomes

F. Y. B. A. Geography

Course Gg110: Physical Geography (General -1) and Human Geography (II)

The student who successfully completes this course can able to:

CO1: Explain principal terms, definitions, Concept and theories of Physical Geography.

CO2: Discuss development of micro to mega scale landforms as well as theories of landform development like continental drift theory .

CO3: Identify different Materials of the earth crust, rock types, types of weathering.

CO4: Apply knowledge of basic landforms from fluvial and coastal environments.

CO5: Study about the origin and structure of atmosphere, layers of atmosphere like Troposphere, Stratosphere, mesosphere and Exosphere, Distribution of Temperature and Heat budget, Air pressure and Winds, Hydrological Cycle and types of Rainfall.

CO6: Study about general structure of Ocean in which study of Continental shelf, continental slope, Deep Sea plain, Sea trenches, Islands etc. Distribution of Ocean and Tides, types of tides

CO7: Introduction to Human Geography in which focus in given on Definitions of Human Geography, Branches of HG, Nature and Scope of HG, Importance of Human Geography.

CO8: In the study of Human Geography we can understand the charaertistics of Population and related concepts like birth rate, Death rate, Natural growth, density of population, Causes of Population Growth and theories related to Population growth

Co10: Types and Distribution of Settlement as well as Urbanization in Maharashtra and India

CO11: In the study Agriculture we can study about the types of Agriculture, Factures affecting on Agriculture as well as role of Agriculture in Indian Economy

S. Y. B. A. Geography

Course Gg-210 A: Environment Geography (CC1C) and Course Gg-210 B Environment Geography (CC2C)

After successfully completing this course, students will be able to:

CO1: Definition, Nature and scope of Environmental Geography

CO2: To acquaint the students with fundamental concepts of environment geography for development in different areas..

CO3: The students should be able to integrate various factors of Environment and dynamic aspect of Environmental geography..

CO4: To make aware the students about the problems of environment , their utilization and conservation in the view of sustainable development

CO5: Suggest methods of protection from Environment and will be able to do Environment management.

CO6 To create the awareness about dynamic environment among the student

CO7 4. To make aware students about the problems of environment, its utilization and conservation in the view of sustainable development.

Course Gg.220 A : Geography of Maharashtra (DSE1A) and Gg.220 B Geography of Maharashtra (DSE1B)

After successfully completing this course, students will be able to:

CO1: Historical and Political Background of the state

CO2: Geological Structure of Maharashtra

CO3: Major Soil types and Distribution.

CO4: Physical Structure (Mountain, plateau, Plains)

CO5: Draught prone areas- Problems and Management, Flood areas - Problems and Management

CO6: To understand the prospectus in Tourism activity in Maharashtra and the role of MTDC and Role of MIDC in industrial development in rural area of Maharashtra

CO7: Case Studies – Hivare Bazar and Ralegan Siddhi (Ahmednagar), Patoda (Aurangabad)

Gg 201 : **Scale and Map Projection -I and Cartographic Techniques, Surveying and Excursion-II**

CO1: To introduce the students to the basic and contemporary concepts in Cartography

CO2: To acquaint the students with the utility and applications of various Cartographic Techniques

CO3: Develop practical knowledge and application of cartographical techniques.

CO4: To make students aware of the new techniques, accuracy and skills of Map Making

CO5: Introduction to Cartography

CO6: Techniques of representation of data

CO7: Measurement of survey field

CO8: . Introduction of Maps

CO10: Basic of map projection

CO10: Construction, properties and use of map projections

SEC2A- Applied course of Disaster Management - I

CO1: To introduce basic concepts and fundamental structure of Disaster Management (DM).

CO2: To inculcate critical thinking and problem-solving abilities on disaster management.

CO3: Fundamental Concepts, Measurement / Parameter and Types of Disasters

CO4: Phases of Disaster Management Role of Geographers and organizations

CO5: Comparative Assessment of Disaster Management- I

SEC – B Semester –IV, APPLIED COURSE OF Travel & Tourism

CO 1: To develop basic framework to understand the various elements of tourism management.

CO2: To develop the skills to arrange, manage and implement various types of tours

CO3 : Introduction to Travel and Tourism

CO4: Concept and need of local tourism

CO5: Potential of local tourism and available infrastructure

CO5: planning and Skill development

CO6: Itinerary design of short or long tour (local, state level and national level: Cost, duration, requirements, booking processes for transportation (Railway, Air and Road) and Accommodations (Youth hostel, Resort, Dormitory, Hotels, Service Apartments, etc.) and Insurance

TYBA

Gg320-A Geography of India – I and Geography of India – II

CO1: To acquaint the students with geography of our Nation

CO2: To make the student aware of the magnitude of problems and Prospects at National level.

CO3: Location and Extent India

CO4: International boundary of India and related issues

CO5: Himalayan Rivers: The Indus , The Ganga , The Brahmaputra and East Flowing Rivers- Mahanadi, Godavari, Krishna, Kaveri.

CO6: Climate Soils and Natural Vegetation

CO7: Major tribes, tribal areas and their problems

CO8: Significance of agriculture in Indian Economy.

Gg 310 Geography of Tourism (CC1E) and Gg 310 Geography of Tourism

CO1: To understand the history of Tourism

CO2: To introduce the students to the basic concepts in Tourism Geography.

CO3: Definition of Tourists and Tourism and Nature of Tourism

CO4: Factors affecting Tourism Development\

CO5: Concept and Classification of Tourism

CO6: Role of Transportation and communication in Tourism Development

CO7: Role of Accommodation in Tourism

CO7: Planning and Polices of tourism development

Gg301A Practical geography (Techniques of Spatial Analysis)- I and Practical geography (Techniques of Spatial Analysis)- II DSE- 2 C

CO1: To introduce the basic concepts and techniques of Geographical Analysis

CO2: To introduce the students with SOI Toposheets and acquire the Knowledge of Toposheet interpretation.

CO3: To explain the elementary and essential principles on field of practical work.

CO4: Introduction of S.O.I. Toposheet & Relief Representation

CO5: Interpretation of S.O.I. Toposheets and Data generation

CO6: Introduction & Interpretation Weather Maps

CO7: Introduction & Application of GIS & Remote Sensing Techniques

CO8: Calculation of Central Tendency, & Dispersion

CO9: Testing and Application of Hypothesis

SEC2C Research Methodology I and SEC2C Research Methodology- II

CO1: To develop the Understanding of the Basic Concept of Research

CO2: Introduction to research Methodology

CO3: Various Steps in research Process

CO4: Characteristics Good research design

CO5: Identification of research Problem

CO6: Types of research report