

B.P.H.E. Society's
AHMEDNAGAR COLLEGE, AHMEDNAGAR
Department of Geography

Course Outcomes

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Program Offered

Sr. No	Program	Program objectives	Program specific objective
1	M.A / M.Sc Geography	I. To develop a strong footing in the fundamentals and specialize in the disciplines of his/her liking and abilities II. To develop in depth understanding of various aspects of the subject. The working principles, design guidelines and experimental skills associated with different fields of Geography.	Understand the nature and basic concept of Geomorphology, Climatology, Economic Geography, Population Geography, Settlement Geography, Remote Sensing and GIS (Geoinformatics)
2	Ph.D - Geography	I. To develop theoretical as well as experimental research ideas.	Research on Fluvial Geomorphology, Watershed Management, Population characteristics and Settlement patterns and Socio-economic study of region,

Post Graduate: Course Offered

Sr.No	Course	Course Outcomes
1	M.A./M.Sc(SEM-I) Gg.-101 Principles of Geomorphology	I. To introduce the students to the basic concepts in Geomorphology. II. To introduce latest concepts in Geomorphology. III. To acquaint the students with the utility and application of Geomorphology in different regions and environment. IV. To make the students aware of the need of protection and conservation of different landforms.
2	Gg.-102 Principles of Climatology	I. To introduce the students to the basic principles and concepts in Climatology II. To acquaint the students with the applications of Climatology and Oceanography in different areas and environment III. To make the students aware of the Planet Earth and thereby to enrich the student's knowledge
3	Gg.-103 Principles of Economic Geography	I. To introduce the students to the basic principles and concepts in Economic Geography II. To acquaint the students with the applications of Economic Geography in different areas and development III. The main aim is to integrate the various factors of economic development and to IV. acquaint the students about this dynamic aspect of economic geography
4	Gg.-104 Principles of Population and Settlement Geography	I. To provide an understanding of spatial and structural dimensions of population II. To familiarizing the students with global and regional level problems III. To acquaint the students with the spatial, political and structural characteristics of human settlement under varied environmental conditions.
5	Gg.-105 Practical in Physical Geography	I. Practical knowledge about the theoretical concept.
6	Gg.-106 Practicals in Human Geography	I. Practical knowledge about the theoretical concept

7	M.A./M.Sc(SEM-II) Gg.-201 Quantitative Techniques in Geography	<p>I. To identify the appropriate probability model that can be used.</p> <p>II. To use forecasting and data analysis techniques in case of univariate and multivariate data sets</p> <p>II. To test the hypotheses particularly about mean, variance, correlation, proportions and goodness of fit.</p> <p>III. To study applications of statistics in the field of demography</p> <p>IV. The aim of this course is to initiate students in the basic statistical concepts and customize them with their application, essential to the modern geographer. So as to persuade students of the practical relevance of the subject, realistic examples and exercises drawn from different areas of geography have been chosen. The goal is to provide students with necessary theoretical knowledge and practical skills to proceed with a statistical analysis.</p>
8	Gg-202 Practical in Cartography	<p>I. To enable the students to use various Projections and Cartographic Techniques</p> <p>II. To acquaint the students with basic of Statistical data</p> <p>III. To enable the students to use various projections to prepare maps.</p>
9	Gg.-203 Practical in Surveying and Map Projection	<p>I. To acquaint the students with the principles of surveying, its importance and utility in the geographical study.</p>
10	Gg-204 Geography of Tourism	<p>I. To acquaint the student's basic concepts of Geography & Tourism.</p> <p>II. To aware the students with the utility and application of Tourism</p> <p>III. To help the students & society to understand the interrelationship between tourism and employment generation opportunities.</p> <p>IV. To understand the impact of tourism on Physical and Human Environments</p>
11	Gg-205 Geography of Disaster Management	<p>I. To introduce students the concept of disaster & its relation with Geography.</p> <p>II. To acquaint the students with the utility & application of hazards in different areas & its management</p> <p>III. To make the students aware of the need of protection & disaster management</p>
12	Gg-206 Geography of Energy Resources	<p>I. To introduce students the concept of Energy Resources</p> <p>II. To make the students aware of Energy Resources</p>
13	Gg-207 Practical in Terrain Analysis	<p>I. Practical Knowledge about the theoretical concept</p>

14	Gg-210 Coastal Geomorphology	<p>I. introduction to coastal processes which configure the coastal zone and coastal landforms as well as to coastal management issues</p> <p>II. To understanding of coastal processes, that act along the coastline as well as the coastal landforms which are the main result of these processes</p>
15	Gg-213 Population Geography	<p>I. This course aims to introduce students to the basic concepts of population analysis. Students are initiated to demographic analysis and get accustomed to calculating and interpreting the basic demographic rates</p> <p>II. The basic goal of this course is to provide the basic knowledge and skills necessary to a demographic analysis and the initiation to the interactions between population and economy and population-society.</p>
16	Gg-220 Fluvial Geomorphology	<p>I. introduction to Fluvial processes and Fluvial landforms as well as to Flood management issues</p> <p>II. To understanding of Fluvial processes, that act along the River Bank as well as the Fluvial landforms which are the main result of these processes</p>
17	Gg-223 Geography of Rural Settlement	<p>I. This course provides basic knowledge on the spatial and socioeconomic impact of productive activities on rural areas, with special reference to Greece. The course analyzes the socioeconomic phenomena which are developed in rural areas, while it focuses on the significance and the role of agricultural economy in the countryside.</p>
18	M.A./M.Sc(SEM-III) Gg-301 Geography of India with Special Reference to Maharashtra	<p>I. To acquaint the students with geography of our Nation and Maharashtra State</p> <p>II. To make the student aware of the magnitude of problems and Prospects at National level and state level</p> <p>III. To help the students to understand the inter relationship between the subject and the society.</p> <p>IV. To help the students to understand the recent trends in regional studies</p>
19	Gg-302 Interpretation of Topographical Maps & Village Survey / Project work	<p>I. To Introduce the Students with SOI Toposheets and to acquire the Knowledge of Toposheet Reading/Interpretation</p> <p>II. To Introduce the Students with OS Toposheets and to acquire the Knowledge of Toposheet Reading/Interpretation</p>
20	Gg-303 Research Method in Geography	<p>I. Students should understand a general definition of research design</p> <p>II. Students should be able to identify the overall process of designing a research study from its inception to its report.</p> <p>III. Students should know the primary characteristics of quantitative research and qualitative research.</p> <p>IV. Students should be able to identify a research problem stated in a study.</p>

21	Gg-304 Social & Cultural Geography	<p>I. To introduce the students to the critical reading of the relationship between culture and space, where culture is not just the so-called “high culture” but also the popular and everyday culture, the modes of living and behaving, producing, consuming and entertaining. There is a special emphasis in the modes or ways that the culture, as wider category, is embedded on different landscapes, even on those perceived as mainly natural landscapes. The notion of space production helps to understand and evaluate the material and symbolic dimensions of contemporary and historical landscapes.</p> <p>II. To adopt and modify the environment under its varied conditions from primitive life style to the modern living;</p> <p>III. To identify and understand environment and population in terms of their quality and spatial distribution pattern</p> <p>IV. To comprehend the contemporary issues facing the global community</p>
22	Gg-305 Practical in Watershed Analysis	<p>I. To acquaint the students with concepts in Watershed Management.</p> <p>II. To familiarize the students with the importance of Watershed Management</p>
23	Gg-310 Tropical Geomorphology	<p>I. The students pursuing this course would have to develop in depth understanding of various aspects of the Tropical geomorphology</p>
24	Gg-313 Urban Geography	<p>I. To Introduce the importance and needs of urban planning</p>
25	Gg-321 Political Geography	<p>I. To acquaint the students with concepts in political geography.</p>
26	Gg-330 Practical in Geomorphology	<p>I. To acquaint the students practical knowledge about the theoretical concept.</p>
27	Gg-333 Practical in Population and Settlement Geography	<p>I. To acquaint the students practical knowledge about the theoretical concept.</p>
28	M.A./M.Sc(SEM-IV) Gg-401 Theoretical and Applied Geography	<p>I. To introduce the importance and history of geographical thought.</p> <p>II. To introduce the importance and application of applied geography.</p>
29	Gg-402 Principles of Remote Sensing and GIS	<p>I. The course of “GIS I” is an introductory course in the field of Geographical Information Systems. Upon successful completion of the course the students should be able to: understand and use the basic elements of GIS technology, and to design and implement simple GIS projects.</p> <p>II. The aim of the course is the acquisition of the fundamentals of Remote Sensing theory as well as the basic steps of satellite images processing. And interpretation of different earth observation systems.</p>

30	Gg-403 Practical in Remote Sensing and GIS	I. To acquaint the students with new concepts and approaches in Geography II. To familiarize the students with the wide application fields in Geography
31	Gg-404 Geography of Food Security of India	I. To Introduce the importance of Food security in India
32	Gg-405 Geography of Health	I. To Introduce the importance of Health Geography
33	Gg-406 Practicals in Advance Surveying	I. To introduce the importance and basic principles of GPS and total Station II. To awareness about GIS among the students.
34	Gg-423 Oceanography	I. To introduce the students to the basic principles and concepts in Oceanography II. To acquaint the students with the applications of Oceanography indifferent areas and environment III. To make the students aware of the Planet Earth and thereby to enrich the student's knowledge.
