



**D. P. Bhosale College, Koregaon**  
**Department of Geography**



**Programme Specific Outcomes (PSO)**

- To enhance students' ability to apply their specialized knowledge in the geographical domain.
- To develop employability skills and competencies to serve the job requirements in the society.
- Inspire students to develop the abilities among them to offer services in their entrepreneurial environment.
- To cultivate the interest among students to conduct research activities in the discipline of geography.

**Programme Outcomes (PO)**

- Students will have comprehensive knowledge in the discipline of Geography.
- They will have ability of making comprehensive analysis, interpret spatial problems, and suggest proper solutions by using theoretical, methodological, and instrumental knowledge of Geography.
- Good employability skills as per current need of the society to compete in the competitive world.
- They will have good understanding about proper utilization of natural resources through geographical knowledge.
- Aware about the regional and national environmental issues, recent trends, and technological advancements in the discipline of Geography.
- Develop research interest to solve critical and emerging societal issues related to geography and the surrounding environment.



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**Course Outcomes (CO)**

Course Name	Course Outcomes
<p>CC-301: Geohydrology and Oceanography</p>	<ul style="list-style-type: none"> <li>▪ To know about the development of methods of scientific observation in hydrology and Oceanography;</li> <li>▪ To understand the origin, importance and distribution of water on Earth.</li> <li>▪ To learn about the hydro-geological, coastal and marine processes, landforms and resources.</li> <li>▪ To recognize the role of oceans to deal with the vulnerability of the dynamic earth system.</li> <li>▪ To comprehend about the recent trends in research in Geohydrology and Oceanography</li> </ul>
<p>CCS-302: Fundamentals of Remote Sensing and DIP Course</p>	<ul style="list-style-type: none"> <li>▪ To understand the basic concept and principles of remote sensing and digital image processing.</li> <li>▪ To understand the role of remote sensing and DIP in data collection and analysis.</li> <li>▪ To know the different types of sensor and digital image processing techniques.</li> <li>▪ To understand the use and importance of satellite images and aerial photographs to assess the geographical phenomena.</li> <li>▪ To apply the knowledge of remote sensing and DIP in various thematic studies</li> </ul>
<p>DSE-303: Geography of Environment</p>	<ul style="list-style-type: none"> <li>▪ To educate students in the contents and methods of Geography of Environment as an academic and professional discipline.</li> <li>▪ To understand elements of environment and acquire knowledge about biodiversity</li> <li>▪ To get knowledge about natural hazards and management</li> <li>▪ To understand the various environmental issues and policies</li> </ul>

<p>DSE-304: Geography of India</p>	<ul style="list-style-type: none"> <li>▪ To understand the main regions of the India in terms of both their uniqueness and similarities.</li> <li>▪ Identifying and explaining the Indian Geographical Environment, from global to local scales.</li> <li>▪ To generate an awareness and responsibility for the environment and India.</li> <li>▪ To Study the impacts of human activities on natural environments of India</li> </ul>
<p>CCPr-305.1 Research Methodology and Geographical Excursion</p>	<ul style="list-style-type: none"> <li>▪ After completing this course, the students will develop skill to:</li> <li>▪ Identify the objectives and significance of research in geography;</li> <li>▪ Prepare schedule and questionnaire in geography;</li> <li>▪ Collect data of physical and human elements;</li> <li>▪ Tabulate data, formulate research design and represent data by using most appropriate methods;</li> <li>▪ Effective writing, maintaining research ethics and academic integrity;</li> <li>▪ Organize and carry out geographical excursion and field visits;</li> </ul>
<p>305.2 Dissertation/ Project</p>	<ul style="list-style-type: none"> <li>▪ Recognize the objectives and significance of research work;</li> <li>▪ Formulate research design and methods;</li> <li>▪ Organize and carry out field visits, collect field data and/or conduct review of literature;</li> <li>▪ Effective writing, maintaining research ethics and academic integrity;</li> <li>▪ Preparation and dissemination of research output having scientific and/or social relevance</li> </ul>
<p>CC-401: Development of Modern Geographical Thought</p>	<ul style="list-style-type: none"> <li>▪ After completion of this course, the students will</li> <li>▪ Acquire knowledge about the historical development of the subject during different time scales.</li> <li>▪ Apprehend the place of geography in the field of science, social science and natural science.</li> <li>▪ Understand all the concepts of philosophy in geography.</li> <li>▪ Recognize different types of dualism and find solutions to terminate them by applying various types of scientific explanation</li> </ul>
<p>CCS-402: Regional Planning and Development</p>	<ul style="list-style-type: none"> <li>▪ To understand the basic concepts in regional planning</li> <li>▪ To study different methods in order to compute regional</li> </ul>

	<p>development</p> <ul style="list-style-type: none"> <li>▪ To get acquainted with theories and models for regional development</li> <li>▪ To get a specialized knowledge of policies and experiences of regional planning in India.</li> </ul>
<p>DSE-403: Fundamentals and Applications of GIS and GPS</p>	<ul style="list-style-type: none"> <li>▪ To understand the basic concepts of Geographical Information System and GPS.</li> <li>▪ To know various components of GIS and to learn about map projection and coordinate system.</li> <li>▪ To know various applications of GIS and GPS in various fields.</li> <li>▪ Students will become familiar with modern techniques of geography.</li> <li>▪ Students will be prepared to apply their skills in professional careers.</li> </ul>
<p>DSE-404: Agricultural Geography</p>	<ul style="list-style-type: none"> <li>▪ To educate students about nature, scope and significance of agricultural geography as an academic and professional discipline.</li> <li>▪ To understand the fundamental concept, crop combination, diversification, agricultural productivity and study the determinants of agricultural patterns.</li> <li>▪ To get knowledge about agricultural systems of the world.</li> <li>▪ To understand the agrarian revolution, socio-economic constraints, agricultural problems and policies.</li> </ul>
<p>CCPr-405.1: Photogrammetry, Remote Sensing and DIP</p>	<ul style="list-style-type: none"> <li>▪ To apply photogrammetry &amp; Remote Sensing techniques to generate geospatial data.</li> <li>▪ To understand digital data analysis techniques of remote sensing data</li> <li>▪ To know about different types of digital image processing techniques</li> <li>▪ To understand the use and importance of satellite images and aerial photographs</li> <li>▪ To apply the knowledge of remote sensing and DIP in various thematic studies and problem solving</li> </ul>

<p>CCPr-405.2: Introduction to GIS Software and GPS</p>	<ul style="list-style-type: none"> <li>▪ To learn the graphical user Interface and tools of GIS software.</li> <li>▪ To apply the knowledge of GIS software in various application fields.</li> <li>▪ To apply Comprehensive knowledge of GIS software and GPS for analysis of geographical data and to solve real world problems.</li> <li>▪ To understand the role of GIS as decision support system.</li> <li>▪ To understand and develop the different types of models for GIS spatial analysis</li> <li>▪ To examine the various functions of GPS for surveying and mapping.</li> </ul>
<p>CCPr-405.2: Soil and Water Analysis</p>	<ul style="list-style-type: none"> <li>▪ To study about the soil sample collection during the soil survey/ field work.</li> <li>▪ To analyse the physical properties of soils. To analyse the chemical properties of soils</li> <li>▪ To determine the physical and chemical properties of water samples.</li> </ul>