



**Sri Arvind Mahila College, Patna**

Accredited by NAAC with B<sup>+</sup> Grade

(A Constituent Unit of Patliputra University, Patna)



**4 Years Bachelor of Arts B.A. (Hons.) in Geography under CBCS**

## **Course Outcomes (Major Courses)**

S.No.	UG Semester	Course	Course Outcomes After studying this course students will be able to:
1.	I	MJC-1 (T) Geomorphology	<ol style="list-style-type: none"><li>1. Develop an idea of Geomorphology and its fundamental concepts</li><li>2. Understand various theories regarding the origin of the earth</li><li>3. Understand various processes of natural and anthropogenic factors</li><li>4. Understand the role of structure, process and stages in shaping the landforms</li><li>5. Explain different types of Geomorphic processes like weathering and cycle of erosion</li><li>6. Understand the processes of erosion, deposition and resulting landforms.</li></ol>
2.	I	MJC-1 (P) Geomorphology	<ol style="list-style-type: none"><li>1. Understand the concept of properties of various types of Rocks and Minerals</li><li>2. Identify various types of Rocks and Minerals</li><li>3. Understand the various land forms and other Geomorphic processes</li><li>4. Understand and interpret Topographical maps</li></ol>
3.	II	MJC-2 (T) Climatology & Oceanography	<ol style="list-style-type: none"><li>1. Understand the structure and composition of atmosphere</li><li>2. Understand the various climatic phenomena</li><li>3. Understand causes of climate change</li><li>4. Understand Ocean, its features and properties</li></ol>
4.	II	MJC-2 (P) Climatology & Oceanography	<ol style="list-style-type: none"><li>1. Understand the various weather phenomena</li><li>2. Interpret weather conditions of a place or region</li></ol>

			<ol style="list-style-type: none"> <li>Understand the functions of various weather instruments</li> </ol>
5.	III	MJC-3 (T) Economic Geography	<ol style="list-style-type: none"> <li>Distinguish to different types of economic activities and their significance</li> <li>Identify the factors responsible for the location and distribution of activities</li> <li>Examine the significance and relevance of various locational theories</li> </ol>
6.	III	MJC-4 (T) Cartograms, Map Projection and Surveying	<ol style="list-style-type: none"> <li>Explain how maps work, conceptually and technically and will be able to understand science and art of cartography</li> <li>Recognize the benefits and limitations of some common map projection and their uses</li> <li>Develop an understanding and importance of surveying</li> </ol>
7.	III	MJC-4 (P) Cartograms, Map Projection and Surveying	<ol style="list-style-type: none"> <li>Construct maps and various Diagrams</li> <li>Learn the construction and use of some common map projections</li> <li>Understand and perform Prismatic Compass Survey</li> </ol>
8.	IV	MJC-5 (T) Human Geography	<ol style="list-style-type: none"> <li>Get a complete idea of space and place.</li> <li>Able to know the types and distribution of tribes in India and Bihar with reference to Census data</li> <li>Conceptualize the trends and pattern of Migration and settlement types.</li> </ol>
9.	IV	MJC-6 (T) Geography of India & Bihar	<ol style="list-style-type: none"> <li>Get an overview of Geography of India &amp; Bihar</li> <li>Learn the India's rich minerals and industrial assets</li> <li>Understand the current economic development of India</li> <li>Gain comprehensive knowledge about Bihar with facts and figures</li> </ol>
10.	IV	MJC-7 (T) Statistical Methods in Geography	<ol style="list-style-type: none"> <li>Know the various types of data and its sources</li> <li>Present data in graphical and pictorial form</li> <li>Produce various types of data tabulation</li> </ol>

11.	IV	MJC-7 (P) Statistical Methods in Geography	<ol style="list-style-type: none"> <li>1. Present statistical data in diagrammatic and graphical form</li> <li>2. Distinguish between dependent and independent variable</li> </ol>
12.	V	MJC-8 (T) Environmental Geography	<ol style="list-style-type: none"> <li>1. Develop an idea about Environment and different fundamental concepts</li> <li>2. Understand its environmental degradation and various types of pollutions</li> <li>3. Assess the role of anthropogenic activities producing pollution</li> <li>4. Explain different types of environmental crisis and bio-diversity</li> <li>5. Understand the processes of natural hazards and disasters</li> </ol>
13.	V	MJC-9 (T) Cartographic Techniques	<ol style="list-style-type: none"> <li>1. Explain how maps work, conceptually and technically and will be able to understand science and art of cartography</li> <li>2. Recognize the benefits and limitations of some common map projections and their use.</li> <li>3. Understand and perform interpretation of topographical maps and weather maps.</li> </ol>
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15.	VI	MJC-10 (T) Evolution of Geographical Thought	<ol style="list-style-type: none"> <li>1. Understand the evolution of Geographical Thought</li> <li>2. Detailed knowledge about the paradigms and debates in the geographical studies</li> <li>3. Understanding of recent traditions in Geography</li> </ol>
16.	VI	MJC-11 (T) Research Methodology and Field Work	<ol style="list-style-type: none"> <li>1. Detailed exposure of new geographical landscape as study area</li> <li>2. In-depth knowledge of different field techniques</li> </ol>

			3. Understanding the field ethics and different tools of field study
17.	VI	MJC-12 (T) Remote Sensing and GIS	<ol style="list-style-type: none"> <li>1. Explain principles of remote sensing, different satellite systems and sensors</li> <li>2. Understand concept and methods of image processing, enhancement and classification and interpretation of satellite images</li> <li>3. Application of Image preprocessing techniques for land use land cover and urban studies</li> </ol>
18.	VI	MJC-12 (P) Remote Sensing and GIS	<ol style="list-style-type: none"> <li>1. Learning the use of GIS techniques for image interpretation</li> <li>2. Create line, point and Polygon using GIS technique</li> <li>3. Application of Image processing technique for land use and land cover for urban studies</li> </ol>
19.	VII	MJC-13 (T) Regional Planning and Development	<ol style="list-style-type: none"> <li>1. Conceptualize the Regional Planning and its theories</li> <li>2. Get the overview of Sustainable Regional Development</li> <li>3. Have sound knowledge for Development Policies and Programmes</li> </ol>
20.	VII	MJC-14 Research Methodology	<p>CO1: Students will gain skills of scientific analysis.</p> <p>CO2: Students will gain contemporary and interdisciplinary knowledge.</p> <p>CO3: Students will have global understanding of nuances of Research</p>
21.	VII	MJC-15 (T) Disaster Management	<ol style="list-style-type: none"> <li>1. Understanding about the various disasters in the country</li> <li>2. Providing thorough understanding about the human responses to the disasters</li> <li>3. Human responses and mitigating measures to both natural and man-made disasters</li> <li>4. Understanding the processes of natural hazards and disasters</li> <li>5. Assessing the role of anthropogenic activities producing pollution</li> <li>6. Explaining different types of environmental crisis</li> </ol>

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23.	VIII	MJC-16 (T) Social Geography	<ol style="list-style-type: none"> <li>1. Get knowledge of the social geography and social diversity</li> <li>2. Appraise the key concepts of social geography in regional context; geographic factors underlying patterns of social well-being and inclusive development</li> <li>3. Explain the social problems and the welfare programs and policies</li> </ol>