

# GOVT. POSTGRADUATE COLLEGE, GUNA

Affiliated to Jiwaji University, Gwalior (M.P.)

Phone No.: 07542-251641

Email : hegpgcgun@mp.gov.in

Website : <https://highereducation.mp.gov.in/?orgid=179>



## Bachelor of Arts Subject: Geography

### Program Specific Outcomes

**The program will help the students to:**

1. Explain the fundamental concepts of geography incorporated in the syllabus by gathering knowledge about geomorphology, climatology, oceanography, economic activities, demographic dynamics, regional development and planning etc.
2. Acquire holistic knowledge and skills necessary for analysing various landform development, climate change, tectonic activities and anthropogeographic events around the globe
3. Correlate the knowledge of physical geography with the human geography
4. Analyse the problems of physical as well as cultural environment of both rural and urban areas
5. Develop sustainable approach towards ecosystem and biosphere with a view to conserve natural environment and maintain ecological equilibrium of which the physical environment, human societies and global economic systems are integrated to the principles of sustainable development etc.

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## I Year / Certificate Course

COURSE TITLE	COURSE LEARNING OUTCOMES
<p><b>HUMAN GEOGRAPHY - ENVIRONMENT AND CULTURE</b></p> <p><b>A1-GEOG-1T</b> <i>Major-I</i></p>	<ol style="list-style-type: none"><li>1. Students will acquire an understanding and appreciation for the relationship between geography and culture.</li><li>2. Students will read, interpret and generate maps and other geographic representations as well as extract, analyse and present information from a spatial perspective.</li><li>3. Student will have 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.</li><li>4. Students will be able to think from a spatial perspective to explain what has occurred in the past as well as using Geographic principles to understand the present and plan for the future.</li><li>5. Students will have a general understanding of how the physical environment, human society and local and global economic systems are integral to the principal of sustainable development.</li></ol>
<p><b>PHYSICAL GEOGRAPHY - LITHOSPHERE (GEOMORPHOLOGY)</b></p> <p><b>A1-GEOG-2T</b> <i>Major-II/Minor/ Open Elective</i></p>	<p><b>After the completion of the course student will be able to:</b></p> <ol style="list-style-type: none"><li>1. Understand Earth's tectonic and structural evaluation; gain knowledge about earth's interior; develop an idea about concept of plate tectonics and resultant landforms</li><li>2. Acquire knowledge about types of folds and faults, earthquakes volcanoes and associated landforms</li><li>3. Understand crustal mobility and tectonics with special emphasis on their role in landform development</li><li>4. Overview and critical appraisal of landform development models</li><li>5. Understand the process of erosion, depositions and resulting landforms</li><li>6. Acquire knowledge about different types of Rock and their origin, influence of the rocks on land form and topography</li></ol>

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COURSE TITLE	COURSE LEARNING OUTCOMES
<b>CARTOGRAPHIC TECHNIQUES (PRACTICAL)</b> <b>A1-GEOG-1P</b> <i>Major-I (Practical)</i>	<i>After the completion of the course students will be able to:</i> <ol style="list-style-type: none"><li>1. Develop hands on skills in diagrammatic representation of data</li><li>2. Comprehend thematic mapping techniques, its cartographic representation and interpretation</li><li>3. Take up cartography as a profession</li></ol>
<b>GENERAL CARTOGRAPHY</b> <b>A1-GEOG-2P</b> <i>Major-II/Minor/ Open Elective (Practical)</i>	<i>After the completion of the course student will be able to:</i> <ol style="list-style-type: none"><li>1. Learn the principles of Map Designs, Map Reading and Construction of Scale</li><li>2. Create professional and aesthetically pleasing maps through thoughtful application of cartographic conventions</li><li>3. Comprehend the principles and types of surveying and learn the Chain and Tape survey</li></ol>



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## II Year / Diploma Course

COURSE TITLE	COURSE LEARNING OUTCOMES
<b>ECONOMIC GEOGRAPHY</b>  <b>A2-GEOG-1T</b> <i>Major-I</i>	<i>After the completion of the course student will be able to:</i> <ol style="list-style-type: none"><li>1. Explain the role of historical, environment, cultural and other factors responsible for the location and distribution of economic activities</li><li>2. Establish and analyse spatial patterns of economic development</li><li>3. Examine man's economic activities in light of his environment</li><li>4. Learn about the selected industries of Madhya Pradesh</li></ol>
<b>PHYSICAL GEOGRAPHY- ATMOSPHERE [CLIMATOLOGY]</b>  <b>A2-GEOG-2T</b> <i>Major-II/Minor/ Open Elective</i>	<i>After the completion of the course student will be able to:</i> <ol style="list-style-type: none"><li>1. Appreciate the elements of weather and climate and its impact at different scales</li><li>2. Learn about the knowledge of weather and climate available in ancient Indian literature</li><li>3. Learn about the climatic regions of the world and their basis</li><li>4. Comprehend the climatic aspects and its bearing on the planet Earth</li></ol>
<b>THEMATIC MAPPING (PRACTICAL)</b>  <b>A2-GEOG-1P</b> <i>Major-I (Practical)</i>	<i>After the completion of the course student will be able to:</i> <ol style="list-style-type: none"><li>1. Prepare thematic maps by using cartographic techniques</li><li>2. Comprehend the utility and construction of projections essential for map making</li><li>3. Gain in- depth knowledge of Prismatic Compass Survey</li></ol>
<b>WEATHER MAPS AND SYMBOLS (PRACTICAL)</b>  <b>A2-GEOG-2P</b> <i>Major-II/Minor/ Open Elective (Practical)</i>	<i>After the completion of the course student will be able to:</i> <ol style="list-style-type: none"><li>1. Correlate theoretical knowledge about weather and climate with its practical aspects</li><li>2. Analyse the Indian weather maps and learn about weather forecasts</li><li>3. Represent the climatic data through maps, graphs and diagrams</li></ol>

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## III Year

COURSE TITLE	COURSE LEARNING OUTCOMES
<b>GEOGRAPHY OF INDIA</b>  <b>BA28332</b> <i>Paper - I</i>	<ol style="list-style-type: none"><li>1. Students will get knowledge about major physiographic regions of India; they will get acquainted with the concepts of climate of India and soil of India.</li><li>2. Students will get knowledge about population size growth, concepts of population density and sex ratio.</li><li>3. Knowledge is imparted to students regarding power mineral resources, agriculture, iron and related industries.</li><li>4. Students will understand India in the context of South and South East Asia.</li><li>5. Students will explore India as a land of Unity in Diversity in terms of relief structure climate vegetation natural regions etc.</li><li>6. Students can locate the distribution of iron and steel industries, textiles, petrochemical, cement and forest-based industries.</li><li>7. Students will understand transport and communication trade and commercial basis of regional division of India into macro, and micro regions.</li><li>8. Students will understand the relief structure drainage, climate, soils, minerals resources based upon Madhya Pradesh state alongside with its population milieu.</li></ol>
<b>ENVIRONMENT AND DEVELOPMENT</b>  <b>BA28333</b> <i>Paper - II</i>	<ol style="list-style-type: none"><li>1. Students will have a comprehensive knowledge about the environmental ethical ecological as well as socio economic issues.</li><li>2. Students will be able to put together concepts about Sustainable Development Goals in relation to environmental issues.</li><li>3. Students will be able to identify the problems and prospects in relation to environmental problems like pollution, global warming, climate change, floods etc.</li><li>4. Students will be able to address issues in relation to sustainable management vis-a-vis environment.</li><li>5. Student will get knowledge about disasters, hazards, vulnerability.</li><li>6. Students will get knowledge regarding various types of disasters like floods, earthquakes, cyclones, their causes and impact.</li><li>7. Students will get knowledge regarding human induced disasters like forest fire, road accidents.</li></ol>

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COURSE TITLE	COURSE LEARNING OUTCOMES
<b>PRACTICAL</b> <b>BA28332(P)</b> <i>Practical</i>	<b>After the completion of course, the students will be able to:</b> <ol style="list-style-type: none"><li>1. Understand the basics of statistics; understand the mean, median and mode; know the measures of relative dispersions, and understand the correlation analysis of the groups</li><li>2. Develop skills to draw projection, understand the shape and size of the Earth, and understand the concept of longitudes and latitudes</li><li>3. Prepare photo mosaic by using aerial photographs along with the measurement of object height; comprehend the interpretation of Remote Sensing Data</li><li>4. Understand scale of drawing topographical maps and learn its interpretation; understand the symbols of weather maps</li><li>5. Prepare a socio- economic surveying report based on field data</li><li>6. Comprehend the principal and types of surveying and learn the Plane Table Survey</li></ol>

**(Dr. Satya Kumar Chhari)**

HOD

Department of Geography

**(Dr. Niranjan Shrotriya)**

CO-ORDINATOR, IQAC

Govt. Postgraduate College,  
Guna (M.P.)

**(Dr. B.K. Tiwari)**

PRINCIPAL

Govt. Postgraduate College,  
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