

**TAMRALIPTA MAHAVIDYALAYA**  
**PROGRAMME AND COURSES OUTCOME**  
**GEOGRAPHY (Hons. And Multidisciplinary)**

**Programme Specific Outcome (PSO):**

Geography is a discipline bridging the social and natural sciences and includes the study of different spatial and social phenomena on the earth's surface. After completing honours graduation they can admit in M.Sc. on the Geography, Remote Sensing and GIS, IIPS, Tourism Management and Environmental Science etc. After master's degree, they can go for an M.Phil in Geography or a Ph.D in Geography for research and academics. The careers for bachelor's degree and Master's degree holders in Geography can include Geography teacher, Research assistant/associate in projects related to environment, sustainability and social development, jobs related to Corporate Social Responsibility, travel and tourism, cartography, urban planner and Rural Development officer etc. There has employment opportunity in WBSSC, WBCS, WBCSC, etc. both honours and general students.

Sl. No.	Outcomes
<b>PSO-1</b>	To provide accurate knowledge of the Earth and its different components- soil, water, air.
<b>PSO-2</b>	To impart basic knowledge on geography as a spatial science and train the undergraduates to secure employment in the sectors of geospatial analysis, development and planning, mapping, and surveying.
<b>PSO-3</b>	Keeping this in mind and in tune with the changing nature of geography, adequate emphasis is rendered on applied aspects of the subject such as emerging techniques of mapping and field-based data generation, especially in the honours course.
<b>PSO-4</b>	Develops understanding of man and environment relationship and changing nature.
<b>PSO-5</b>	To get the idea of daily weather and climate system, consequences of climate change and most of all the causes and consequences of global warming which are the burning topic/problems of the present times.
<b>PSO-6</b>	To correlate the theoretical knowledge with practical curricula to develop a holistic idea on various landforms in the light of their evolution.
<b>PSO-7</b>	To learn the idea of making suitable questionnaire, data collection, tabulation and analysis and to make correlation of the physical and socio-economic features of any area by visiting and surveying the area.
<b>PSO-8</b>	Develops research skills among the learners.
<b>PSO-9</b>	To develop the soft skill of the students by introducing the computer and software oriented courses (GIS) which is now an essential requisite for the scholars who intend to pursue higher studies and research. Learners get hands on training on geospatial technology- GIS, GPS, and Remote Sensing and so on.
<b>PSO-10</b>	To secure a job at the end of the undergraduate programme. The careers for bachelor's degree holders in Geography can include Geography teacher, Research assistant/associate in projects related to environment, sustainability and social development, jobs related to Corporate Social Responsibility, travel and tourism, cartography, urban planner and Rural Development officer etc.

**Courses Outcomes (COs):**

Programme	SEM 1	Credits	Outcomes
	COURSES		
HONS	MAJOR- 1(CC-1) Geotectonic and Geomorphology (Theory and Practical)	03+01 =04	<p><b>CO-1</b> In this part students can learn about tectonic activity of the planet and as well as morphology of surface landforms.</p> <p><b>CO-2</b> Understand earth's tectonic and structural evolution.</p> <p><b>CO-3</b> The students will learn that the earth is unstable and it is undergoing constant changes due to dynamic earth's processes.</p> <p><b>CO-4</b> Develop an idea about concept of plate tectonics, and resultant landforms.</p> <p><b>CO-5</b> To make the students aware of the dynamic geomorphic processes responsible for the development of landforms of varied types and nature.</p> <p><b>CO-6</b> To apply scientific knowledge on landform development based on geomorphic concepts, principles and theories.</p> <p><b>CO-7</b> The students will come to know about the meaning and scope of geomorphology as a major branch of Physical Geography</p> <p><b>CO-8</b> To learn the practical knowledge of the characteristics of Rocks and minerals and their identification.</p> <p><b>CO-9</b> Understanding topography, structure, relation between topography and structure, geological succession and geological history through construction of geological section on Horizontal, Homoclinal, Folded and faulted Structure of the Geological Maps</p>
	SEC-1 Computer Basics and Applications (Practical)	03	<p><b>CO-1</b> Get a working knowledge of computer hardware and software.</p> <p><b>CO-2</b> Get an idea of managing folders and files.</p> <p><b>CO-3</b> Run an application, preferably, MS Word, MS Excel, MS PowerPoint</p>

<b>Multidisciplinary</b>	<b>Minor-1 Physical Geography</b>	<b>04</b>	<p><b>CO-1</b> Understand different view and approaches regarding physical geography.</p> <p><b>CO-2</b> Can learn about tectonic activity of the planet and as well as morphology of surface landforms.</p> <p><b>CO-3</b> Develop an idea about concept of internal structure of the earth and related conditions.</p> <p><b>CO-4</b> Acquire knowledge about different process of denudation.</p> <p><b>CO-5</b> Understand the processes of erosion, deposition and resulting landforms.</p> <p><b>CO-6</b> Understand concept of normal cycle of erosion and its interruption.</p> <p><b>CO-7</b> Develop an idea about the fundamentals of atmosphere and climatic classification.</p> <p><b>CO-8</b> Acquire knowledge about hydrology.</p>
	<b>SEM 2 COURSES</b>	<b>Credits</b>	<b>Outcomes</b>
<b>HONS</b>	<b>Major-2P Cartographic Techniques (Practical)</b>	<b>04</b>	<p><b>CO-1</b> They can learn about scale, maps, coordinate system, bearing, map projection and surveying.</p> <p><b>CO-2</b> Actually they get an ability to prepare a scientific map of any place.</p> <p><b>CO-3</b> Learn and Uses of different survey instruments like, Prismatic compass, Dumpy level, Theodolite etc</p> <p><b>CO-4</b> Understanding the concepts of spheroid, ellipsoid and projection systems with special reference to UTM and WGS 84.</p> <p><b>CO-5</b> Development of observation skills.</p> <p><b>CO-6</b> Read and prepare maps.</p> <p><b>CO-7</b> Comprehend locational and spatial aspects of the earth surface.</p> <p><b>CO-8</b> Use and importance of maps for regional development and decision making</p>
	<b>SEC- 2 Coastal Management (Practical)</b>	<b>03</b>	<p><b>CO-1</b> Understanding the various components and coastal morpho-dynamic variables.</p> <p><b>CO-2</b> Can help pupil to develop mental imagination about the coast.</p> <p><b>CO-3</b> Understanding the systematic interactions among terrestrial atmospheric and marine processes along the coast as a systematic whole.</p> <p><b>CO-4</b> Understanding the problems of coastal erosion and other hazards in the context of global climatic change. and assessing coastal hazards and its management.</p> <p><b>CO-5</b> Identifying the different environmental impacts and management of anthropogenic interventions.</p> <p><b>CO-6:</b> Analyzing the policies of coastal zone management, focussing on EEZ and CRZ.</p>

<b>Multidisciplinary</b>	<b>Minor-2 Human Geography</b>	<b>04</b>	<p><b>CO-1</b> Understanding the approaches and processes of Human Geography as well as the diverse patterns of habitat and adaptations and gaining knowledge about major themes of Human Geography.</p> <p><b>CO-2</b> Understanding the concept and evolution of human society.</p> <p><b>CO-3</b> Identifying the different global population dynamics with reference to population growth and distribution of population.</p> <p><b>CO-4</b> Examining the human societies and how they develop, their culture, economy and politics, all within the context of their environment.</p> <p><b>CO-5</b> Knowing about population –resource relationship.</p> <p><b>CO-6</b> Making the idea about the types, pattern and development of rural and urban settlement.</p>
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