

**DEPARTMENT OF GEOGRAPHY**  
**UTKRISH MAHAVIDYALAYA**  
**GOVT. DEGREE COLLEGE THEOG, SHIMLA**

The course outcomes of various courses are:-

**Title- Physical Geography (Theory)**

**Course Code: (GEOGP C101CC)**

- Students will know about the solar system, Earth's origin and various theories related to it, along with the rocks found on the earth.
- Students will understand the internal structures of the earth, plate tectonic theory, the phenomenon of weathering and cycle of erosion.
- Students will have Strengthen the knowledge about the atmosphere and its various aspects.
- Students will gain information about tides currents, relief features of oceans etc.

**Title – General Cartography (Practical)**

**Course Code: GEOGP 102 CC)**

- Students will know the basis of cartography, maps and map reading.
- Students will learn to draw and understand the various scales used by cartography.
- Students will gain knowledge about the Map projections, the choice of projections and how to draw various projections.
- Students will understand the various methods of data representation i.e., Line Graph, Bar Graph, Choropleth etc.

**Title – (Human Geography)**

**Course Code: (GEOGPP 201 CC)**

- The students will gain information about Human Geography, its contemporary relevance and major sub fields.
- Students will have knowledge about distribution, density and growth of population
- Students will know about the human races religion and languages along with world distribution.
- Students will be able to differentiate between rural and urban settlement along with the trends and patterns of urbanization.

**Title – (Environmental Geography)**

**Course code: ( GEOGP202 CC)**

- The students will have able to know about the meaning and components of environment along with ecosystem concept, component and function.

- Students will understand about man environment relationship, environmental determinism and Possibilism along with the various Biomes.
- Students will learn about various environmental problem and biodiversity loss.
- Students will gain knowledge about various environmental policies, acts and Movements.

**Title – Regional Planning and Development**

**Code: ( GEOGP203 SEC)**

- The students will gain knowledge about regions and concepts, needs and types of regional planning.
- Students will strengthen the knowledge about regionalization and case study of Himachal Pradesh.
- Students will gain information about the various models like Growth pole theory and core periphery model.
- The course will help to know about the integrated tribal development and Damodar Vally Corporation.

**Title –Remote Sensing and GPS.**

**Code: ( GEOGP 204 SEC)**

- Students will learn about definition, development, platforms and types of remote sensing.
- Students will gain knowledge about definition, Principles, types and geometry of aerial Photography.
- The students will understand the EMR interaction with atmosphere and earth surface, satellites and sensors.
- The course also helps to know bases of visual Interpretation of remote sensing images, & GPS system.

**Title – (Geographic Information system) (Practical)**

**Code: (GEOGP301 SEC)**

- The students will learn the basis of Geographical Information System, its component and history.
- The students will gain knowledge about the GIS Data structure –Vector Vs Raster.
- The students understand the concept of Georeferencing, Editing and Attribute Data Integration.
- Practical exercise of Georeferencing, Subsetting, Extraction of land use land core layers & Thematic Mapping also helps to know the real use of course.

**Title – Field Technique and survey based Project Report (Practical)**

**Code: ( GEOGP 302 SEC)**

- Students will have an idea about the importance of fieldwork in Geography its role values and ethics.
- The students will know about the various field techniques.

- The students will know about the types of questionnaires interviews, space survey and constructing a sketch.
- The students will learn about designing the field report.

**Title – Geography of India**

**Code: (GEOGP303 DSE)**

- The students learn in detail about location of India, Physiographic division and climate of India’
- The students gain knowledge in detail about the population of India.
- The students will learn about the various settlement systems in India.
- The students will understand about the resource base of India like coal, hydroelectric iron ore, bauxite rice wheat , cotton textile and iron steel

**Title – Disaster Management**

**Code: (GEOGP 304 DSE)**

- The students will have a better understanding of the concepts of hazards, risk vulnerability and disaster
- The students will gain information about the impacts and distribution of landslides, earthquakes and cyclones.
- The students will gain information about various human induced disasters like forest fire and road accidents.
- The Students will learn about responses and mitigation to disaster.

**Title – Disaster Risk Reductions**

**Code: GEOGP 305 G-B**

- The students will have a better understanding of the concepts of hazard , risk and disaster
- Students will learn about the various natural disasters in India
- Students will gain knowledge about Human Induced disasters
- Students will learn about the integration and preparedness in case of a disaster.

**Title – Sustainability and Development**

**Code: GEOGP 306 -GE2**

- The students will learn about the basic concept & components of sustainability.
- The students will gain knowledge about the millennium development goals and its realization in India
- The students will learn about inclusive development and role of higher education in achieving sustainability.
- The students will gain knowledge about polices and programmers of sustainable development.