

Domkal Girls' College


PROGRAMME OUTCOMES:

- 1) To understand the fundamental concepts in Geotectonics and Geomorphology.
- 2) To apply different computer software in academic purposes.
- 3) To know about field survey method and techniques.
- 4) To develop ability and skills in data computation, storing, formatting, analysis and cartographic presentation
- 5) To understand the fundamental concepts of Population and Settlement Geography.
- 6) To develop expertise in quantitative and qualitative analysis of field-based data and information.
- 7) To understand the fundamental concepts of climatology, soil & Biogeography.
- 8) To develop practical knowledge about cartographic techniques & surveying.

Department	Geography		
Class	Undergraduate Programmes in Geography (2024-2025) NEP		
Course Code	Course Title	Credits	Course Outcomes
GEOG-M-T-1	GEOTECTONICS AND GEOMORPHOLOGY	6	<ul style="list-style-type: none"> · understand fundamental knowledge in Geotectonics and Geomorphology · obtain adequate knowledge on the internal structure, tectonic and structural evolution of earth, concept of Isostasy and earth's movements · acquire comprehensive knowledge of continental drift, sea floor spreading and plate tectonics theories · understand the dynamic nature of the earth surface processes, landforms and their evolution
GEOG-MI-T-1	PHYSICAL GEOGRAPHY	4	<ul style="list-style-type: none"> · understand fundamental knowledge in Physical Geography · obtain knowledge on the earth's interior, theories of continental drift and plate tectonics · understand fundamental knowledge of the earth surface processes, landforms and their evolution · acquire basic knowledge of atmosphere
GEOG-MU-T-1	DISASTER MANAGEMENT	3	<ul style="list-style-type: none"> · learn the basic concepts in disaster management. · understand the nature of natural and manmade disasters in India · develop strategies for disaster management to sustain social development
GEOG-SEC-P-1	BASICS OF COMPUTER AND COMPUTER APPLICATIONS	3	<ul style="list-style-type: none"> · gain knowledge of computer basics · develop their ability and skills in data management, data computation, data analysis and cartographic presentation · acquire internet surfing skills and enhance their ability to gain knowledge from the digital world
GEOG-M-T-2	POPULATION AND SETTLEMENT GEOGRAPHY	6	<ul style="list-style-type: none"> · acquire clear knowledge on fundamental concepts of Population and Settlement Geography. · familiarise with the development of Population and Settlement Geography. · understand population dynamics, nature of population growth and migration · acquire knowledge of population policies adopted in India and Sweden

GEOG-MI-T-1	PHYSICAL GEOGRAPHY	4	<ul style="list-style-type: none"> · understand fundamental knowledge in Physical Geography · obtain knowledge on the earth's interior, theories of continental drift and plate tectonics · understand fundamental knowledge of the earth surface processes, landforms and their evolution · acquire basic knowledge of atmosphere
GEOG-MU-T-2	RURAL DEVELOPMENT	3	<ul style="list-style-type: none"> · understand the basic themes of Rural Development · understand the needs and approaches of Rural Development · understand the nature of Rural Economic Base · obtain knowledge about the provision of services to rural areas
GEOG-SEC-P-2	FIELD WORK	3	<ul style="list-style-type: none"> · acquire knowledge, skills and expertise to identify geographical issues · achieve skills and expertise to use various survey techniques and instruments · expertise in field-based data collection, analysis and presentation · prepare field report
GEOG-SI-T-1	SUMMER INTERNSHIP	4	<ul style="list-style-type: none"> · acquire knowledge about internship · achieve different type of skills · gain about practical knowledge of society and environment · helpful for future goal
GEOG-M-T-3	FUNDAMENTALS OF REMOTE SENSING, GIS AND GNSS	6	<ul style="list-style-type: none"> · understand fundamental concepts of remote sensing and GIS · acquire basic knowledge about GPS and GNSS · understand the principles of image interpretation · familiar about the applications of remote sensing and GIS
GEOG-MI-T-2	HUMAN GEOGRAPHY	4	<ul style="list-style-type: none"> · understand the key themes of Human Geography · acquire knowledge of population in India with spatio-temporal context · understand the changing nature of population dynamics in relation to economic growth, social development and cultural change · build concrete ideas about human migration and different economic sectors
GEOG-SEC-P-3	APPLICATIONS OF REMOTE SENSING AND GIS	3	<ul style="list-style-type: none"> · develop expertise in digital image processing and image interpretation · develop skills in digitization, georeferencing and preparation of annotated thematic maps · acquire skills to solve geographical questions using remote sensing and GIS

GEOG-M-T-4	CLIMATOLOGY, SOIL AND BIOGEOGRAPHY	6	· understand fundamental knowledge in Climatology, Soil and Biogeography
			· obtain adequate knowledge on the temperature distribution, heat budget, air mass, monsoon, climatic classification
			· acquire comprehensive knowledge of soil profile, properties, soil classification
			· understand the ecosystem, biome and biodiversity
GEOG-M-P-5	CARTOGRAPHIC TECHNIQUES AND SURVEYING	6	· acquire practical knowledge and skills in Cartography and Surveying
			· improve skills in drawing scales and representation of data on maps
			· prepare cartograms and to interpret appropriately
			· develop expertise in traverse surveying and determination of height of objects
GEOG-MU-T-1	DISASTER MANAGEMENT	3	· learn the basic concepts in disaster management.
			· understand the nature of natural and manmade disasters in India
			· develop strategies for disaster management to sustain social development
GEOG-SI-T-2	SUMMER INTERNSHIP	4	· acquire knowledge about internship
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 10/12/24
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 10/12/2024
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