

Department of Geography
Govt. College Paonta Sahib

Course learning outcomes

S.No.	Course Title	Course Code	Nature of Course and Year	Co's	Course Outcome
1	Physical Geography	Geogp 101CC	B.A 1st Year	CO1	Knowledge regarding introduction of Solar system and theories regarding origin of earth like tidal hypothesis and big bang theory and rocks is imparted to students.
				CO2	Students are introduced with the concepts of internal structure of the earth, theory of plate tectonics, weathering, and cycle of erosion by Davis.
				CO3	Students learn about composition and structure of atmosphere, heat balance, Pressure and wind system, tropical cyclones, Monsoons and Koppen's climatic classification.
				CO4	Students get knowledge about oceans, Tides, oceanic currents and Relief Features of Pacific ocean.
2	Gen. cartography	Geogp 102CC	B.A 1st Year	CO1	Students are acquainted with the basic concepts of classification of maps and significance of maps.
				CO2	Students get knowledge about meaning of scales types of scales- like Plain, Comparative and diagonal scale.
				CO3	Map projections are basics for making maps. Students get knowledge about making of various types of map projection cylindrical, Zenithal and conical and need, choice of map projection.
				CO4	Students learn about representation of data by Bar and line Graphy and know making dot map, choropleth map.
3	Human Geography	Geogp 201CC	B.A 2nd Year	CO1	Students get knowledge of basic concepts of Human Geography, Nature, Scope and relevance of human Geography.
				CO2	Students are acquainted with the world population distribution patterns, density and distribution, Growth of population and demographic transition theory.
				CO3	Knowledge regarding human races and their world distribution is imparted. Major religions and major languages of the world and their distribution is studied.
				CO4	Students know about the rural and Urban settlements meaning, Origin, Classification of urban settlements and trends and patterns of world distribution are studied.
4	Environmental Geography	Geogp 202CC	B.A 2nd Year	CO1	Students are introduced with the definition and scope of environmental Geography meaning and components of environment are explained to them. They get knowledge of Ecosystem- concepts, components and functions.
				CO2	Human Environment relationship is taught to them with the concepts of Environmentalism and possibilism major biomes mountain and desert region are studied.
				CO3	Students are taught about various types of pollution, Air, Water, Pollution. Causes of Pollution, impact and management. Environmental problems and Biodiversity loss is also taught.
				CO4	Students get knowledge about 'Environmental Protection Act, 1982. Environmental policy of India (2006) and Chipko Movement.
5	Regional Planning and Development	GeogP 203	Skill Enhancement Courses (SEC)	CO1	Students are introduced with the meaning of Regions, Regional Planning and Development Characteristics of regions and Delineation of Planning regions.
			B.A 2nd Year	CO2	Students get knowledge about regionalization with case study of Himachal Pradesh (Physical and Cultural aspects).
				CO3	Knowledge of growth pole theory and core Periphery model is imparted.
				CO4	Regional Development Initiatives are studied with case studies of integrated tribal Development program (ITBP) and DVC.
6	Remote Sensing and GPS	GeogP 204	Skill Enhancement Courses (SEC)	CO1	Students get knowledge about meaning of remote sensing, Platforms and types of remote Sensing.
			B.A 2nd Year	CO2	Knowledge of Aerial photography- definition, types, principles and geometry is given to them.
				CO3	Students get- knowledge about meaning of satellite remote sensing, principles, EMR interaction with atmosphere and earth surface- Landsat and IRSatellites and sensors are also taught.

				CO4	Students get knowledge about visual interpretation of satellite images and aerial photographs. Fundamentals of Global positioning system are taught along with its uses.
7	Geographic Information System	GeogP 301	Skill Enhancement Courses (SEC) B.A 3rd Year	CO1	Students get knowledge about meaning of GIS, Scope of GIS, Components of GIS and History of GIS.
				CO2	Students get knowledge about data structures spatial and non-spatial, vector and raster data structures.
				CO3	Concept of georeferencing is taught along with editing and attribute data integration.
				CO4	Students get knowledge about georeferencing subsetting, thematic mapping and extraction of land use layers of any area.
8	Field Techniques and survey based project - Report	GeogP 302	Skill Enhancement Courses (SEC) B.A 3rd Year	CO1	Meaning of field work role, value and ethics of field work are taught. Defining the field and case study Rural/ urban, Physical/Human Environmental) is taught.
				CO2	Field Techniques- observation- participant and Non- Participant along with merits and demerits are taught.
				CO3	Students get knowledge about questionnaire- open closed/ structured/ Non- Structured. Students get knowledge about interview with special focus on focused Group Discussions.
				CO4	Students get knowledge about designing of field report- Aims and objective, methodology, analysis interpretation and writing the Report.
9	Geography of India	Geog P 303 IDSE	B.A 3rd Year	CO1	Students get knowledge about major physiographic regions of India. They get acquainted with the concepts of climate of India and soils of India.
				CO2	Students get knowledge about population size growth since 1901 concepts of population density distribution literacy and sex ratio are also taught.
				CO3	Students get knowledge about rural and urban settlements their types and patterns.
				CO4	Knowledge is imparted to students regarding power and mineral resources, agriculture and cotton textile industry and iron and steel industry.
10	Disaster Management	Geog P 304 IDSE	B.A 3rd Year	CO1	Students get knowledge about disasters, hazards, Vulnerability and types of disasters.
				CO2	Knowledge of disasters occurring in India like landslide, earthquake and Cyclones is imparted.
				CO3	Students get knowledge regarding human induced disasters like forest fires, Road accidents.
				CO4	Response and mitigation to disasters is also taught NDMA, NIDM, along with community based disaster management and do's and don'ts during disasters are taught to students.
11	Disaster Risk Reduction	Geog P 305	GENERIC ELECTIVE-I B.A 3rd Year	CO1	Students get knowledge about disasters, hazards, risk, vulnerability.
				CO2	Knowledge regarding various types of disasters causes, impact and distribution is given. Floods, earthquakes and cyclones are also discussed.
				CO3	Students get knowledge about human induced disasters, causes, impact distribution and mapping.
				CO4	Response and mitigation to disasters is also taught NDMA, NIDM along with community based disaster management and Do's and Don'ts during disasters are taught to students.
12	Sustainability and Development	Geog P 306	GENERIC ELECTIVE-II B.A 3rd Year	CO1	Students get knowledge about sustainability and development concepts and components.
				CO2	Knowledge regarding Millennium development goals is imparted, national strategies and international experiences are also discussed.
				CO3	Students get knowledge of role of higher education in achieving sustainability, policies and global Co- operation for climate change are discussed.
				CO4	Students get knowledge of Rio+20, Financing for sustainable development, national environmental policy.