

GEOGRAPHY
SEMESTER III
Course Outcomes

Course	Course Code	<i>After the completion of the course, the student will be able to</i>
Major	CODE GEOG 3011 Geography of India	CO-1: Learn about different Rock systems
		CO-2: Know about their own countries' land formation, climate, soil, and vegetation
		CO-3: Learn about physiographic divisions
		CO-4: Developing knowledge about population growth, distribution, structure, and policy
		CO-5: The developing concept of agricultural regions. Green revolution and its consequences
		CO-6: Learn about the regionalization of India
		CO-7: Understanding the industrial development since independence
		CO-8: Learn about energy and mineral resources
		CO-9: Gain knowledge regarding population problems in India, access population policies and reactions of the countries
Major	CODE: GEOG 3012 Cartography & Surveying	CO-1: Understand the concepts of cartograms and thematic maps.
		CO-2: Understand the concept of representative fraction scale and analyze the enlargement and reduction of the scales.
		CO-3: Construct the Plain, Comparative, Diagonal, and Vernier scales using the mathematical and graphical methods.
		CO-4: Calculate and represent the data by constructing a Star and Age-sex pyramid diagram, Proportional Pie diagram, and Ternary diagram on plain or graph paper.
		CO-5: Calculate and represent the data on a map by constructing proportional circles, dots and spheres, isolines, and Choropleth method, Chorochromatic maps.
		CO-6: Prepare and interpret the Climograph, Hythergraph, and Ergograph in plain or graph paper.

		CO-7: Conceptualize the concepts of true and magnetic bearing, whole-circle, and reduced bearing.
		CO-8: Solve different numeric problems related to traverse, calculate the exterior and interior angles, and measure the area.
		CO-9: Apply the Open and closed traverse survey using Prismatic Compass and Correct for closing errors using Bowditch's method.
		CO-10: Apply the leveling survey method upon Drawing the longitudinal profile and Contouring over a closed traverse using the Dumpy level and Digital leveling instrument.
		CO-11: Measure the Height and distance of objects using Transit Theodolite (Accessible and Inaccessible bases) on horizontal plains with the same and different instrument heights.
		CO-12: Measure the ground slope using Abney level. Determination of strike and dip using Brunton Compass.
MDC	CODE: GEOG 3031 Environmental Geography	CO-1: Understand the Concepts and approaches of Environmental Geography.
		CO-2: Discuss the Structure and Functions of the Ecosystem.
		CO-3: Learn about soil pollution and its management.
		CO-4: Recognize solid waste pollution and its management.
		CO-5: Acquire knowledge of marine pollution and its management.
SEC	CODE: GEOG 3051 Basics of RS & GIS	CO-1: Conceptualize the definition and development of remote sensing and platforms and types in remote sensing
		CO-2: Understand the principles of satellite remote sensing and the interaction of EMR with the atmosphere and Earth's surface, as well as comprehend the knowledge of Landsat and IRS satellites and sensors.
		CO-3: Prepare Georeferencing of Scanned Maps using QGIS software.
		CO-4: Construct the Digitization of point, line, and polygon features using QGIS software.
		CO-5: Constitute the digitization of administrative boundaries by using the snap tool and QGIS software.

