

Department of Geography
Sarojini Naidu College for Women

Name of the Academic Program: B.Sc. honours in Geography

Course Code: GEOACOR01T

Course Title: GEOTECTONICS AND GEOMORPHOLOGY

Course Outcome (COs)

After completion of this course successfully, the students will be able to

CO-1:	Identify various landforms produced by various geomorphological processes. (Remember level)
CO-2:	Discuss the process of folding and faulting. (Understand level)
CO-3:	Describe the process of isostasy and plate tectonics. (Understand level)
CO-4:	Discriminate between cyclic and noncyclic concepts of landscape evolution. (Analyze level)
CO-5:	Evaluate the structure of the earth's interior with seismology (Evaluate level).

Course Code: GEOACOR01P

Course Title: GEOTECTONICS AND GEOMORPHOLOGY

Course Outcome (COs)

After completion of this course successfully, the students will be able to

CO-1:	Identify different rocks and minerals samples. (Understand Level)
CO-2:	Compute true and apparent dips. (Apply level)
CO-3:	Compare different geological structures (Analyse level)
CO-4:	Prepare geological section from geological maps (Create level)

Department of Geography
Sarojini Naidu College for Women

Name of the Academic Program: B.Sc. honours in Geography

Course Code: GEOACOR02T

Course Title: Cartographic Technique

Course Outcome (COs)

After completion of this course successfully, the students will be able to

CO-1:	Classify maps and scales (understand level)
CO-2:	Compute Polar and Rectangular Coordinates (Apply level)
CO-3:	Calculate angular and linear measurement (Analyze level)
CO-4:	Describe various map projections (Evaluate level)

Course Code:GEOACOR02P

Course Title: Cartographic Technique

Course Outcome (COs)

After completion of this course successfully, the students will be able to

CO-1:	Define different types of Scales (Remember Level)
CO-2:	Illustrate different physical and cultural features from topographical maps (Apply level)
CO-3:	Diagram of different map projections
CO-4:	Construct stream ordering from topological maps (Create level)

Course Code: GEOACOR03T

Course Title: Human Geography

Course Outcome (COs)

After completion of this course successfully, the students will be able to

CO-1:	Define Human Geography (Remember level)
CO-2:	Describe different approaches of human geography (Understand level)
CO-3:	Discover Population - Resource Regions (Apply level)
CO-4:	Assess human adaptations of different tribes (Evaluate level)

Department of Geography
Sarojini Naidu College for Women

Name of the Academic Program: B.Sc. honours in Geography

Course Code: GEOACOR04T

Course Title: Cartograms and Thematic Mapping

Course Outcome (COs)

After completion of this course successfully, the students will be able to

CO-1:	Identify scientific notation and log (Remember level)
CO-2:	Interpret land use and land cover maps (Apply level)
CO-3:	Calculate area data (Analyze level)
CO-4:	Construct longitudinal profile and traverse using Dumpy level and Prismatic Compass (Create level)

Course Code: GEOACOR04P

Course Title: Cartograms and Thematic Mapping

Course Outcome (COs)

After completion of this course successfully, the students will be able to

CO-1:	Prepare choropleth map showing density of population (Apply level)
CO-2:	Compare dot and sphere diagram (Analyze Level)
CO-3:	Interpret proportional pie diagram representing economic data and land use data (Evaluate level)
CO-4:	Construct traverse using prismatic compass (Create level)

Course Code: GEOACOR05T

Course Title: Climatology

Course Outcome (COs)

After completion of this course successfully, the students will be able to

CO-1:	Recall nature, composition and layering of atmosphere. (Remember level)
CO-2:	Classify various atmospheric phenomena. (Understand level)
CO-3:	Relate Greenhouse effect and importance of ozone layer. (Apply level)
CO-4:	Compare and contrast different types of cyclones. (Analyze level)

Department of Geography
Sarojini Naidu College for Women

Name of the Academic Program: B.Sc. honours in Geography

Course Code: GEOACOR05P

Course Title: Climatology

Course Outcome (COs)

After completion of this course successfully, the students will be able to

CO-1:	Identify different seasons from weather map. (Understand level)
CO-2:	Illustrate climograph. (Analyze level)
CO-3:	Interpret windrose. (Evaluate level)
CO-4:	Construct hythergraph. (Create level)

Course Code: GEOACOR06T

Course Title: Geography of India

Course Outcome (COs)

After completion of this course successfully, the students will be able to

CO-1:	Identify physiographic divisions of India. (Remember level)
CO-2:	Classify climate, soil and vegetation of India. (Understand level)
CO-3:	Relate different tribal adaptations of India. (Apply level)
CO-4:	Describe geography of West Bengal (Evaluate level)

Course Code: GEOACOR07T

Course Title: Statistical Methods in Geography

Course Outcome (COs)

After completion of this course successfully, the students will be able to

CO-1:	Memorize importance of Statistics in Geography. (Remember level)
CO-2:	Give examples of different types of scales of measurement. (Understand level)
CO-3:	Demonstrate theoretical distribution of frequency. (Apply level)
CO-4:	Outline normal distribution and probability. (Analyze level)

Department of Geography
Sarojini Naidu College for Women

Name of the Academic Program: B.Sc. honours in Geography

Course Code: GEOACOR07P

Course Title: Statistical Methods in Geography

Course Outcome (COs)

After completion of this course successfully, the students will be able to

CO-1:	Estimate linear regression. (Understand level)
CO-2:	Compute measures of central tendencies. (Apply level)
CO-3:	Identify different types of sampling method. (Analyze level)
CO-4:	Construct data matrix. (Create level)

Course Code: GEOACOR08T

Course Title: Regional Planning and Development

Course Outcome (COs)

After completion of this course successfully, the students will be able to

CO-1:	Identify different types of regions. (Remember level)
CO-2:	Discuss types, principles and objectives of regional planning. (Understand level)
CO-3:	Criticize different theories of regional development. (Analyze level)
CO-4:	Assess need and measures of development in India. (Evaluate level)

Course Code: GEOACOR09T

Course Title: Economic Geography

Course Outcome (COs)

After completion of this course successfully, the students will be able to

CO-1:	Describe various concepts in Economic Geography (Remember level)
CO-2:	Classify economic activities. (Understand level)
CO-3:	Compare among primary, secondary and tertiary activities. (Analyze level)
CO-4:	Evaluate the roles of different economic blocks. (Evaluate level)

Department of Geography
Sarojini Naidu College for Women

Name of the Academic Program: B.Sc. honours in Geography

Course Code: GEOACOR10T

Course Title: Environmental Geography

Course Outcome (COs)

After completion of this course successfully, the students will be able to

CO-1:	Outline geographer's approach to environment study. (Remember level)
CO-2:	Indicate the structure and functions of ecosystem. (Understand level)
CO-3:	Examine the roles of different Earth Summits. (Analyze level)
CO-4:	Assess the causes and effects of different environmental pollution. (Evaluate level)
CO-5:	Prepare proper waste management plan identifying different urban environmental issues (Create level)

Course Code: GEOACOR10P

Course Title: Environmental Geography

Course Outcome (COs)

After completion of this course successfully, the students will be able to

CO-1:	Define EIA (Remember level)
CO-2:	Prepare questionnaire for perception survey. (Apply level)
CO-3:	Interpret air quality using CPCB/ WBPCB data (Evaluate level)
CO-4:	Construct checklist for EIA. (Create level)

Course Code: GEOACOR11T

Course Title: Field Work and Research Methodology

Course Outcome (COs)

After completion of this course successfully, the students will be able to

CO-1:	Define Quantitative Research (Remember Level)
CO-2:	Predict the Direct and Indirect Variables (Understand Level)
CO-3:	Interpret Regression Results (Apply Level)
CO-4:	Illustrate the Research Findings (Analyze Level)

Department of Geography
Sarojini Naidu College for Women

Name of the Academic Program: B.Sc. honours in Geography

Course Code: GEOACOR11P

Course Title: Field Work and Research Methodology

Course Outcome (COs)

After completion of this course successfully, the students will be able to

CO-1:	Describe the socio-economic condition of a place (Remember level)
CO-2:	Explain the physical and social factors (Understand Level)
CO-3:	Prepare the objectives of survey (Apply Level)
CO-4:	Analyze the primary data of survey (Analyze Level)

Course Code: GEOACOR12T

Course Title: Remote Sensing and GIS

Course Outcome (COs)

After completion of this course successfully, the students will be able to

CO-1:	Describe the RS satellites and sensors (Remember level)
CO-2:	Classify sensor resolutions of IRS and Landsat (Understand Level)
CO-3:	Interpret False colour composites (Apply Level)
CO-4:	Identify IRS LISS-3 and Landsat image (Analyze Level)

Course Code: GEOACOR12P

Course Title: Remote Sensing and GIS (lab)

Course Outcome (COs)

After completion of this course successfully, the students will be able to

CO-1:	Arrange image using open source software (Remember level)
CO-2:	Identify false colour composites (Understand Level)
CO-3:	Interpret features using FCC (Apply Level)
CO-4:	Illustrate thematic maps (Analyze Level)

Department of Geography
Sarojini Naidu College for Women

Name of the Academic Program: B.Sc. honours in Geography

Course Code: GEOADSE01T

Course Title: Soil and Bio-geography

Course Outcome (COs)

After completion of this course successfully, the students will be able to

CO-1:	Describe factors of soil formation (Remember level)
CO-2:	Classify different types of soil(Understand Level)
CO-3:	Demonstrate soil texture(Apply Level)
CO-4:	Analyze genetic and USDA classification(Analyze Level)

Course Code: GEOADSE02T

Course Title: Settlement Geography

Course Outcome (COs)

After completion of this course successfully, the students will be able to

CO-1:	Define Settlement Geography (Remember level)
CO-2:	Describe Urban Settlements(Understand Level)
CO-3:	Illustrate Classical models of Urban Morphology(Apply Level)
CO-4:	Explain Central Place Theory.(Analyze Level)

Course Code: GEOADSE03T

Course Title: Population Geography

Course Outcome (COs)

After completion of this course successfully, the students will be able to

CO-1:	Define Population Geography. (Remember level)
CO-2:	Describe Population Density and Growth. (Understand Level)
CO-3:	Illustrate causes and types of migration. (Apply Level)
CO-4:	Explain population environment dichotomy. (Analyze Level)

Department of Geography
Sarojini Naidu College for Women

Name of the Academic Program: B.Sc. honours in Geography

Course Code: GEOACORE13T

Course Title: Evolution of Geographical Thought

Course Outcome (COs)

After completion of this course successfully, the students will be able to

CO-1:	Describe the Development of Geography. (Remember level)
CO-2:	Describe the age of 'Discovery' and 'Exploration. (Understand Level)
CO-3:	Illustrate the Transition from cosmography to scientific Geography . (Apply Level)
CO-4:	Explain Changing concept of time-space in geography in the 21st Century. (Analyze Level)

Course Code: GEOACORE14T

Course Title: Disaster Management

Course Outcome (COs)

After completion of this course successfully, the students will be able to

CO-1:	Define hazards and disasters. (Remember level)
CO-2:	Illustrate the Responses to hazards:. (Understand Level)
CO-3:	Describe the nature of vulnerability, consequences and management of different Hazards. (Apply Level)
CO-4:	Explain Hazards mapping . (Analyze Level)

Department of Geography
Sarojini Naidu College for Women

Name of the Academic Program: B.Sc. honours in Geography

Course Code: GEOACORE14P

Course Title: Disaster Management (Lab)

Course Outcome (COs)

After completion of this course successfully, the students will be able to

CO-1:	Define Thunderstorm, Landslide, Flood, Coastal / riverbank erosion etc. (Remember level)
CO-2:	Describe preparedness Plan of Project. (Understand Level)
CO-3:	Illustrate Project Report . (Apply Level)
CO-4:	Evaluate Project Report . (Analyze Level)

Course Code: GEOADSE4T

Course Title: Hydrology

Course Outcome (COs)

After completion of this course successfully, the students will be able to

CO-1:	Define Hydrology. Global hydrological cycle and Major relief features of the ocean floor . (Remember level)
CO-2:	Describe the Run off, Infiltration, evapotranspiration and Physical and chemical properties of ocean water. (Understand Level)
CO-3:	Illustrate Drainage basin as a hydrological unit and T–S diagram. (Apply Level)
CO-4:	Analyze recharge, discharge and movement and Sea level change . (Analyze Level)

Course Code: GEOADSE5T

Course Title: Social Geography

Course Outcome (COs)

After completion of this course successfully, the students will be able to

CO-1:	Define Social Geography. (Remember level)
CO-2:	Describe the Measures of Social Well-being . (Understand Level)
CO-3:	Illustrate Social Policies in India. (Apply Level)

Department of Geography
Sarojini Naidu College for Women

Name of the Academic Program: B.Sc. honours in Geography

CO-4:	Analyze Social Impact Assessment (SIA). (Analyze Level)
--------------	---

Course Code: GEOADSE6T

Course Title: Resource Geography

Course Outcome (COs)

After completion of this course successfully, the students will be able to

CO-1:	Define Natural Resources. (Remember level)
CO-2:	Describe the Significance of Resources and Backbone of Economic growth and development. (Understand Level)
CO-3:	Illustrate Sustainable Resource Development. (Apply Level)
CO-4:	Analyze Contemporary Energy Crisis and Future Scenario. (Analyze Level)