

Department of Geography

Sarojini Naidu College for Women

Name of the Academic Program: B.A./B.Sc. honours with Geography

Program Specific Outcomes (PSO)

After successful completion of B.A./B.Sc. honours with Geography, students gain the knowledge of the following:

- PSO1: Understanding of physical landscape and processes:** Student will gain the knowledge to understand the physical landscape and the processes that shapes the human habitat over the time. They will be able to recognize, synthesize and evaluate the variability of the morphological signature of different geomorphic units by handling primary and secondary geospatial datasets during and after the field visit.
- PSO2: Acquiring Knowledge of Human Geography:** The students become equipped with the ability to understand the human participation in the socio-cultural as well as economic processes and to analyse the differential patterns of the human habitation of the Earth, through studies of human settlements and population dynamics. The programme will help them to understand the nature of regional disparities, poverty, unemployment and the impacts of globalization
- PSO3: Conceptualise the ecosystem:** The programme will give them a clear understanding about the ecosystem and ecology and help them to develop a sustainable approach towards the ecosystem and the biosphere with a view to conserve natural systems and maintain ecological balance.
- PSO4: Management of human habitat:** The capacity to correlate the knowledge of physical geography with the human geographical aspect is the key outcome of this programme. As a student of this course they will enrich their observation power through field experience and in future this will be helpful for identifying the problem of the socio-cultural environment and to find out the possible measures to solve those problems by using the proper understanding regarding different natural processes. This programme will give them a proper understanding and acknowledgment of the threats that endanger the earth's natural systems. This helps in further realization of the significance of anthropogenic causes of many of the disasters and threats that puts life on this planet on the edge.
- PSO5: Ability of Map making and quantitative analysis:** As a student of this course, they will learn how to prepare map based on the geospatial data by using the modern geographical map making techniques. This programme will also prepare them to collect and analyse the information obtained from the map, photographs, satellite imageries. They will learn to use different hi-tech instruments to measure the physical landscape. The application higher-end photogrammetry technique enables them to create three-dimensional models of the physical structure. This course teaches them statistical analysis by which they learn to analyse various spatio-temporal data to define and solve socio-cultural, economic problems and to relate them with various physical processes.
- PSO6: Interdisciplinarity:** This programme will give them ability to pursue research in interdisciplinary studies and problems or issues beyond the realm of what strictly comes under the purview of geography. This is possible because of the varied nature of the curriculum that encompasses the study and analyses of concepts of

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sub-disciplines and allied disciplines of Geology, Seismology, Pedology, Hydrology, Environmental Studies, Disaster Management, Resource Management and Conservation, Regional Planning and Development Studies etc.