

Department of Botany
Sarojini Naidu College for Women

Name of the Academic Program: B. Sc.(Hons) in Botany

Program Specific Outcomes (PSO)

- PSO1:** The course enrich the basic knowledge of biological science like origin of life, basic classification of living organism, idea of types of cells and organelles, cell division, idea of building blocks of cells, which not only are required for their honours course but give them benefit to face different competitive to build up their carrier.
- PSO2:** The syllabus covers a major portion of classical Botany which includes Archegoniate with their detailed life cycle, classification and affinity.
- PSO3:** In the microbiology course they can get knowledge about the details of microbes with their beneficial and harmful roles in our day to day life as well as environment.
- PSO4:** During the undergraduate course the students are familiar with detailed classification of Angiosperm in their taxonomy portion of both monocotyledons and dicotyledons. In practical course of taxonomy they perform detailed morphological analysis of different plants to identify those by consulting with the David Prains authentic book.
- PSO5:** Plant physiology, Biochemistry, Cell biology, Genetics, Molecular Biology and Biotechnology helps the students to develop the modern concept of cell and its different perspective. With these modern ideas they are able to compete different examinations for future progress.
- PSO6:** In their discipline specific courses the students would go through various applied subjects such as Analytical Techniques, Microbial Biotechnology, Biostatistics, Bioinformatics, Research Methodology and Horticultural Practices and Techniques. These subjects help the students for their future progress.
- PSO7:** In the skill enhancement course they are also familiar with some important subjects like Mushroom culture, Ethnobotany and Plant Biodiversity. These courses help the students to develop their skills which make them competent for the future.