



**Ajintha Education Society's
Sant Dnyaneshwar Mahavidyalaya, Soegaon, Dist. Aurangabad, M.S.**

DEPARTMENT OF BOTANY

PROGRAMME SPECIFIC OUTCOMES (PSO)

Focus on knowledge of diversified facets of plant science and practical based activities

- Understanding the diversified facets of plant science motivating young talents and to unravel the prime role of plants in evolution and synergy of nature.
- Motivate hilly and rural students to achieve academic excellence in basic and applied aspects of plant sciences.
- To impart basic and advanced education to students through teaching, learning, research and evaluation.
- To inculcate scientific awareness towards protecting diversity and Eco-environmental management of plant resources for sustainable development.
- Promote better understanding of biodiversity and conservation strategies to sustain the life on mother earth among students.

1. **Knowledge and understanding of plant diversity:** in terms of structure, function and environmental relationships, evaluation of plant diversity from lower to higher plants, Plant classification and the various flora, the role of plants in the functioning of the global ecosystem, Statistics as applied to biological data.
 2. **Practical skills:** learn to carry out practical work, in the field and in the laboratory, with minimal risk. Students develop interpreting plant morphology and anatomy, Plant identification, Vegetation analysis techniques.
 3. **Taxonomic Skills:** able to find out characteristics of various plants to study identification, classification and nomenclature under taxonomy and to know evolutionary relationship between different plant groups.
 4. **Herbarium Preparation:** Students will be able to collect various plants from different area and preserve them as a herbarium with their classification.
 5. **Scientific Knowledge:** students will be able to apply the knowledge of plant sciences and fundamental life sciences to study and analyze any plant form.
-

Dr. Deepak D. Pardhe
HOD, Department of Botany

Dr.Shantanu Y. Chavan

Dr.Gyanba S. Bhagat