

**Yashwantrao Chavan College of Science, Karad**

**Department of Botany**

**PROGRAM SPECIFIC OUTCOMES (PSO): B.SC. (BOTANY)**

After successful completion of three-year degree program, the students will be able to:

PSO 1:	Explore the features and important features of Algae, Viruses and Bacterial, with respect to Diversity, type and life cycle.
PSO 2:	Discover various complex biomolecules such as carbohydrates, lipids, protein and nucleic acids present in plants and cell biology.
PSO 3:	Understand the life cycle and classification of Fungi, Lichens along with concepts of Phytopathology.
PSO 4:	Understand the principles of identification, classification and life history of Bryophytes, Pteridophytes and Gymnosperms.
PSO 5:	Recognize morphology of reproductive organs and development in the reproduction of angiosperms.
PSO 6:	Recognize morphology of reproductive organs and development in the reproduction of angiosperms.
PSO 7:	Identify the natural resources in the Western Ghats, India.
PSO 8:	Understand the recent biotechnological advances in the biology.
PSO 9:	Explain the various stress factors in the plants and also to effects of stress factors on the plant and to overcome these factors.
PSO10:	Explain the skills of bio-fertilizer production, herbal preparations, breeding techniques and different analytical techniques used in the plant science.

