

Yashwantrao Chavan College of Science, Karad

Department of Botany

2024-25

COURSE OUTCOMES

After the completion of the course, the student will be able to:

B. Sc. I (Semester I)	Paper I: DSC- I: Phycology and Microbiology CO1. Explore the characteristics of algae and economic importance. CO2. Understand the structure, characteristics, types of viruses. CO3. Classify the bacterial forms, structure and reproduction.
B. Sc. I (Semester I)	Paper II: DSC- II : Biomolecules and Cell Biology CO4. Pertain knowledge of Nomenclature, classification, Properties and significance of biomolecules. CO5. Distinguish the prokaryotic and eukaryotic organisms CO6. Understand the cell cycle and obtain the knowledge of ultrastructure and functions of plant cell organelles.
B. Sc. I (Semester II)	Paper III: DSC- III : Mycology and Phytopathology CO7. Identify and classify general characters and economic importance of fungi. CO8. Understand general characters and economic importance of lichens. CO9. Understand the concept of Phytopathology, plant diseases and its management.
B. Sc. I (Semester II)	Paper IV: DSC- IV: Archegoniate CO10. Acquire knowledge general characters of the bryophytes and importance. CO11. Understand general characteristics and ecological importance of pteridophytes. CO12. Acquire general characteristics and economic importance of gymnosperms.
B. Sc. I (Practical)	Practical based on papers I, II, III, IV CO13. Study of vegetative and reproduction in plants CO14. Study of different enzyme activities. CO15. Study of cell division CO16. Study of effect of organic solvent and temperature in plants.

