



D. P. Bhosale College, Koregaon

Department of Microbiology



Outcomes

B.Sc. I Course Outcomes

1. Students will gain knowledge about the different cell organelles of microorganisms and their detailed functions.
2. Students will also study the growth and control of microbes as well as different bacteriological techniques involved in microbiology.
3. Students will learn about the biomolecules by studying their structures and types.

Paper I Introduction to Microbiology

1. Build basic knowledge of about Microbiology including contributions of scientists, general theories, staining procedure of microorganisms.
2. Acquire concepts of classification system and nomenclature of living cells.
3. Introduce student to various branches of Microbiology.

Paper II Microbial Diversity

1. To introduce students to techniques used in day to day Microbiology laboratory, Microbiology related industries.
2. Study Nutritional requirements of microorganisms and Nutritional types of microorganism based on carbon and energy sources.

Paper II Bacteriology

1. To study Bacterial Cell organization, Structure and functions of Cytoplasmic components,
2. To study Isolation of Microorganisms from natural habitats and Systematic study of pure cultures.

Paper IV Microbial Biochemistry

1. To study genetic material and cell component of living cell and biomolecule like Proteins, Carbohydrates, Lipids, and Enzymes.
2. To study cell cycles and required for metabolism and survival of cell