

Vivekanand College, Kolhapur (Empowered Autonomous)

B. Sc. I BIOTECHNOLOGY (OPTIONAL)

NEP- PHASE-II

CBCS syllabus with effect from July 2024
Course outcome for major minor and open elective

2DSC03BIT11 - Fundamentals of Biotechnology-I
Course Outcomes: At the end of this course students will able to CO 1: Describe various proteins with respect to their structural level. CO 2: Classify types of vitamins & able to state their deficiency syndromes. CO 3: Specify types of Diabetes & can counsel remedies. CO 4: Outline types & uses of Sugars & Lipids
2DSC03BIT12- Fundamentals of Biotechnology-II
CO1: Isolate & purify particular protein. CC2 Explain the principle of centrifugation CO3: Understand the working of Microscope CO4: Discuss the instrumentation & working of UV visible spectroscopy
2DSC03BIT21- MICROBIOLOGY
CO1: Elucidate the harmful activities of bacteria. CO 2: Design media to culture-specific bacterial strains. CO 3: Conclude the importance of sterilization CO 4: Compare various types of staining.
2DSC03BIT22- BASICS OF CELL BIOLOGY & GENETICS
CO 1: List various cell organelles with functions. CO 2: Differentiate Prokaryotic & Eukaryotic Cells. CO 3: Elaborate the Mendelian Genetics. CO 4: Predict how crossing over helps in species diversity & evolution



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