



"Education for Knowledge, Science and Culture"  
-Shikshanmaharshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha's

**Vivekanand College, Kolhapur**  
**(Autonomous)**



**Department of Microbiology (UG)**

Academic Year 2018-19

Course Outcomes (COs): Microbiology

| B.Sc. Part I Microbiology                                       |  |
|---|--|
| Semester I  |  |
| DSC 1010A: Introduction to Microbiology and Microbial Diversity |  |
| CO No.  | On completion of the course, student will be able to:  |
| CO1   | Apply various physical and chemical methods for sterilization of different materials.                              |
| CO2   | Identify microorganisms using staining techniques  |
| CO3   | Classify the organism on the basis of their nutritional requirements   |
| CO4   | Understand taxonomy and classification system of microorganisms  |
| Semester II   |  |
| DSC 1010B: Bacteriology and Applied Microbiology                |  |
| CO No.  | On completion of the course, student will be able to:  |
| CO1   | Identify different kinds of microorganisms on the basis of their morphological, cultural & biochemical characters. |
| CO2   | Explain techniques of preservation of microbial culture.   |
| CO3   | Analyze the milk microbiologically.  |
| CO4   | Understand bacterial cell organization with respect to structure and function of different cell organelles         |



*Ullas*  
For  
**HEAD**  
DEPARTMENT OF MICROBIOLOGY  
VIVEKANAND COLLEGE, KOLHAPUR  
(AUTONOMOUS)

