



"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 2019-20

Course Outcomes (COs): Microbiology

B.Sc. Part II Microbiology	
Semester III	
DSC- 1010C: Microbial Physiology, Metabolism and Applied Microbiology	
CO No.	On completion of the course, student will be able to:
CO1	Know the applications and limitations of different bioinformatics and statistical methods in biology.
CO2	Apply their knowledge to control microbial load present in the air at various industrial work places as well as for preservation of food
CO3	Design and control bioreactor for maximizing the production.
CO4	Explain various phases of growth in bacteria and various environmental factors affecting it.
Semester IV	
DSC- 1010D: Microbial Genetics, Molecular Biology, Basics in Medical Microbiology & Immunology	
CO No.	On completion of the course, student will be able to:
CO1	Understand basic concepts of gene, mutation and recombination
CO2	Explain various terms used in medical microbiology, different modes of transmission, prevention and control of microbial diseases
CO3	Describe the types of cells and organs involved in immune system
CO4	Know various methods used in diagnosis of various diseases



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**HEAD**  
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