



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

Shri Swami Vivekanand Shikshan Sanstha's

## Vivekanand College, Kolhapur (Autonomous)



(स्वायत्त) कोल्हापूर

PG Department of Microbiology

Content with Cross-cutting Issues

Sr. No.	Name of the Course	Course Code	Year of Introduction	Professional Ethics	Gender	Human Values	Environment & Sustainability	Sustainable Development Goals
1.	Taxonomy and Microbial Diversity	CC-2400	2022-23	-	-	-	-	Diversity of microorganisms
2.	Virology	CC-2401	2022-23	-	-	-	Destruction of viruses	Prevention of human and plant viral diseases
3.	Genetics and Molecular Biology	CC-2402	2022-23	-	-	-	-	Advanced techniques used in molecular genetics
4.	Immunology	CC-2403	2022-23	-	-	-	Prevention of diseases	Various serodiagnostic techniques of diseases
5.	Techniques in Microbiology	CC-2406	2022-23	-	-	-	-	Different applications of the techniques in the research work
6.	Microbial Physiology,	CC-	2022-23	-	-	-	-	Biosynthesis of macromolecules



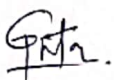
	Biochemistry and Metabolism	2407						
7.	Medical Microbiology	CC-2408	2022-23	-	-	-	Prevention of bacterial, fungal, and viral diseases in humans	Prevention of bacterial, fungal, and viral diseases in humans
8.	Microbial Ecology	CC-2409	2022-23	-	-	-	Control of pest with biological way	Control of pest with biological way
9.	Genetics and Molecular Biology	DSC20 MIC11	2023-24	-	-	-	-	Advanced techniques used in molecular genetics
10.	Immunology	DSC20 MIC12	2023-24	-	-	-	Prevention of diseases	Various serodiagnostic techniques of diseases
11.	Taxonomy and Microbial diversity	DSE20 MIC11	2023-24	-	-	-	-	Diversity of microorganisms
12.	Virology	DSE20 MIC12	2023-24	-	-	-	Destruction of viruses	Prevention of human and plant viral diseases Prophylaxis and treatment of viral diseases
13.	Biomolecules	DSE20 MIC13	2023-24	-	-	-	-	Types of macromolecules of cell
14.	Research Methodology	RMD 20MIC 11	2023-24	-	-	-	-	-




15.	Techniques in Microbiology	DSC20 MIC21	2023-24	-	-	-	-	Different applications of the techniques in the research work
16.	Microbial Physiology, Biochemistry and Metabolism	DSC20 MIC22	2023-24	-	-	-	-	Biosynthesis of macromolecules
17.	Medical Microbiology	DSE20 MIC21	2023-24	-	-	-	Prevention of bacterial, fungal, and viral diseases in humans	Prevention of bacterial, fungal, and viral diseases in humans
18.	Microbial Ecology	DSE20 MIC22	2023-24	-	-	-	Control of pest with biological way	Control of pest with biological way
19.	Microbial Biotechnology	DSE20 MIC23	2023-24	-	-	-	Applications of microbial biotechnology in agriculture	Applications of microbial biotechnology in agriculture, food, and pharmaceutical industry
20.	Biostatistics, Bioinformatics And Scientific Writing	CC- 2412	2023-24	-	-	-	-	Applications of biostatistics and bioinformatics
21.	Enzymology And Enzyme Technology	CC- 2413	2023-24	-	-	-	Applications of enzymes for treatment of human diseases	Various applications of enzymes
22.	Fermentation Technology	CC- 2414	2023-24	-	-	-	-	Production of microbial products



23.	Quality Control Microbiology I	CC-2415	2023-24	-	-	-	-	Various techniques of microbial control, biosafety guidelines
24.	Food And Dairy Microbiology	CC-2418	2023-24	-	-	-	-	Different food borne disease, their preservation, and control
25.	Industrial Waste Management	CC-2419	2023-24	-	-	-	Biological methods of industrial waste	Biological methods of industrial waste
26.	Recombinant DNA Technology	CC-2420	2023-24	-	-	-	-	Various applications of DNA technology
27.	Quality Control Microbiology Ii	CC-2421	2023-24	-	-	-	Microbiological environmental monitoring	Microbiological environmental monitoring

  
 Dr. G. K. Sontakke  
**HEAD**  
 DEPARTMENT OF MICROBIOLOGY  
 VIVEKANAND COLLEGE, KOLHAPUR  
 (AUTONOMOUS)



  
 Dr. R. R. Kumbhar  
**PRINCIPAL**  
 VIVEKANAND COLLEGE, KOLHAPUR  
 (EMPOWERED AUTONOMOUS)