

GUJARAT VIDYAPITH:AHMEDABAD
M.D. Gramseva Mahavidyalaya, Sadra, Dist. Gandhinagar
Department of Microbiology
B.Sc. (Microbiology) Course Structure

Sr. No.	Paper Title	Paper Name		Semester	Hours		Credit	
					Theory	Practical	Theory	Practical
1	MIC101	Introduction and Historical Development in Microbiology		First	30	45	02	02
2.	MIC 102	Basic Techniques in Microbiology		First	30	45	02	02
3.	CHEM-101	Physical Chemistry		First	30	45	02	02
4.	PHY-101	Physics		First	30	45	02	02
5.	ENG-101	English		First	30	-	02	-
6.	EC-101	Nomenclature in Chemistry	Any One	First	30	-	02	-
7.	EC-102	Environmental Chemistry		First	30	-	02	-
8.	EC-103	Physics		First	30	-	02	-
9.	FC-101	Gandhian Thought		First	30	-	02	-
10.	FC-102	Environmental Education		First	30	45	02	02
11.	MIC201	Introduction To Microorganisms		Second	30	45	02	02
12.	MIC 202	Ultra structure and growth of Bacteria		Second	30	45	02	02
13.	CHEM-201	Inorganic Chemistry		Second	30	45	02	02
14.	PHY-201	Physics		Second	30	45	02	02
15.	ENG-201	English		Second	30	-	02	-
16.	EC-201	Bio fertilizers		Second	30	-	02	-
17.	EC-202	Biological Important Inorganic and organic compounds		Second	30	-	02	-
18.	EC-203	Present state of bacterial taxonomy		Second	30	-	02	-
19.	FC-201	Environmental Education		Second	30	45	02	02
20.	MIC301	Biochemistry		Third	30	45	02	02
21.	MIC 302	Soil Microbiology		Third	30	45	02	02
22.	MIC 303	Control Of Microorganisms		Third	30	45	02	02
23.	CHEM-301	Organic Chemistry		Third	30	45	02	02
24.	CHEM-302	Analytical Chemistry		Third	30	45	02	02
25.	ENG-301	English		Third	30	-	02	-
26.	EC-301	Diversity Of Bacteria	Any One	Third	30	-	02	-
27.	EC-302	Scientific Writing		Third	30	-	02	-
28.	EC-303	Scientific Writing Skills		Third	30	-	02	-
29	MIC401	Food and Dairy Microbiology		Fourth	30	45	02	02

Sr. No.	Paper Title	Paper Name		Semester	Hours		Credit	
					Theory	Practical	Theory	Practical
30	MIC 402	Air and Water Microbiology		Fourth	30	45	02	02
31	MIC 403	Enzymes and Introduction to Metabolism		Fourth	30	45	02	02
32	CHEM-401	Organic Chemistry		Fourth	30	45	02	02
33.	CHEM-402	Analytical Chemistry		Fourth	30	45	02	02
34.	ENG-401	English		Fourth	30	-	02	-
35.	EC-401	Bio-gas Technology	Any One	Fourth	30	-	02	-
36.	EC-402	Analytical Techniques For Water Analysis		Fourth	30	-	02	-
37.	EC-403	Analytical Techniques For Soil		Fourth	30	-	02	-