

A.S.D. Govt. Degree College for Women (A), Kakinada

DEPARTMENT OF MICROBIOLOGY

DETAILS OF COURSE TITLES & CREDITS

Sem	Course No	Course Name	Course Type (L/T/P)	Hrs/Week	Credits	Max. Marks	Max. Marks	
				Sciences: 4+2	Sciences: 4+1	Internal/ Conti./ Mid Assessment	Sem- End Exam	
I	1	Introduction to Microbiology and Microbial Diversity	T	4	4	25	75	
		Introduction to Microbiology and Microbial Diversity Lab	L	2	1	-	50	
II	2	Microbial Physiology and Biochemistry	T	4	4	25	75	
		Microbial Physiology And Biochemistry Lab	L	2	1	-	50	
III	3	Molecular Biology and Microbial	T	4	4	25	75	
		Molecular Biology and Microbial Lab	L	2	1	-	50	
IV	4	Immunology And Medical Microbiology	T	4	4	25	75	
		Immunology and Medical Microbiology Lab	L	2	1	-	50	
	5	Microbial Ecology and Industrial Microbiology	T	4	4	25	75	
		Microbial Ecology and Industrial Microbiology Lab	L	2	1	-	50	
V	6A	Food, Agriculture and Environmental Microbiology	T	4	4	25	75	
		Food, Agriculture and Environmental Microbiology Lab	L	2	1	-	50	
	7A	Management of Human Microbial Diseases and Diagnosis	T	4	4	25	75	
		Management of Human Microbial Diseases and Diagnosis Lab	L	2	1	-	50	
	OR							
	6B	Microbial Biotechnology and r – DNA Technology	T	4	4	25	75	
		Microbial Biotechnology and r – DNA Technology Lab	L	2	1	-	50	
	7B	Biostatistics and Bioinformatics	T	4	4	25	75	
		Biostatistics and Bioinformatics Lab	L	2	1	-	50	
	OR							
	6C	Microbial Quality Control Instrumentation and Techniques	T	4	4	25	75	
		Microbial Quality Control Instrumentation and Techniques Lab	L	2	1	-	50	
7C	Drug Design, Discovery and Intellectual Property Rights (Ipr)	T	4	4	25	75		
	Drug Design, Discovery and Intellectual Property Rights (Ipr) Lab	L	2	1	-	50		