

Name of the Faculty : Faculty of Allied Health Science

Name of the Course : B. Sc. (Microbiology)

BATCH : 2021-22

Sr. No.	Semester/ Year	Subject Code	Nomenclature	Theory/ Practical	Core/ AECC/ SEC/ DSE/ GE	L	T	P	Credits	Theory						Demonstration/Presentation	Practical				Practical (Internal)				Oral		Overall Pass Marks	Whether to be offered under CBCS (Yes/No)	Scheme of Examinations (Theory+Internal+Practical+Oral/ Theory+Internal+Practical/ Theory+Practical)				
										Max	Pass	Midterm	Assignment	Project/Seminar	Max		Pass	Viva-voce	Max	Pass	Attendance	Lab Work	Midterm	Conduct/Demonstration	Max	Pass				Max	Pass		
1	1st Sem	05330101	Introduction to Microbial World	Theory	Core	3	1		4	60	24	20	10	10	40	16											40	No	Theory + Internal				
2	1st Sem	05330102	Introduction to Microbial World - Practical	Practical	Core			4	2								10	10	20	8	5	5	5	5	15	30	12		20	No	Practical + Internal		
3	1st Sem	05330103	Mycology and Phycology	Theory	Core	3	1		4	60	24	20	10	10	40	16												40	No	Theory + Internal			
4	1st Sem	05330104	Mycology and Phycology - Practical	Practical	Core			4	2								10	10	20	8	5	5	5	5	15	30	12		20	No	Practical + Internal		
6	1st Sem	05330105	Chemistry	Theory	Core	3	1		4	60	24	20	10	10	40	16												40	No	Theory + Internal			
7	1st Sem	05330106	Chemistry - Practical	Practical	Core			4	2								10	10	20	8	5	5	5	5	15	30	12		20	No	Practical + Internal		
8	1st Sem	05330107	Communication Skill and Personality Development	Theory	AECC	4			4	60	24	20	10	10	40	16												40	No	Theory + Internal			
										22																							
1	2nd Sem	05330201	Bacteriology	Theory	Core	4			4	60	24	20	10	10	40	16												40	No	Theory + Internal			
2	2nd Sem	05330202	Bacteriology - Practical	Practical	Core			4	2								10	10	20	8	5	5	5	5	15	30	12		20	No	Practical + Internal		
3	2nd Sem	05330203	Virology	Theory	Core	3	1		4	60	24	20	10	10	40	16												40	No	Theory + Internal			
4	2nd Sem	05330204	Virology - Practical	Practical	Core			4	2								10	10	20	8	5	5	5	5	15	30	12		20	No	Practical + Internal		
5	2nd Sem	05330205	Cell Biology	Theory	Core	5	1		6	60	24	20	10	10	40	16												40	No	Theory + Internal			
6	2nd Sem	05330206	Environmental Science	Theory	AECC	4			4	60	24	20	10	10	40	16												40	No	Theory + Internal			
										22																							
1	3rd Sem	05330301	Microbial Ecology	Theory	Core	3	1		4	60	24	20	10	10	40	16												40	No	Theory + Internal			
2	3rd Sem	05330302	Microbial Ecology - Practical	Practical	Core			4	2								10	10	20	8	5	5	5	5	15	30	12		20	No	Practical + Internal		
3	3rd Sem	05330303	Molecular Biology I	Theory	Core	4			4	60	24	20	10	10	40	16												40	No	Theory + Internal			
4	3rd Sem	05330304	Molecular Biology I - Practical	Practical	Core			4	2								10	10	20	8	5	5	5	5	15	30	12		20	No	Practical + Internal		
6	3rd Sem	05330305	Microbial Physiology and Metabolism I	Theory	Core	4	2		4	60	24	20	10	10	40	16												40	No	Theory + Internal			
7	3rd Sem	05330306	Fundamentals of Computer Science	Theory	AECC	4			4	60	24	20	10	10	40	16												40	No	Theory + Internal			
										20																							
1	4th Sem	05330401	Plant Pathology	Theory	Core	3	1		4	60	24	20	10	10	40	16												40	No	Theory + Internal			
2	4th Sem	05330402	Plant Pathology - Practical	Practical	Core			4	2								10	10	20	8	5	5	5	5	15	30	12		20	No	Practical + Internal		
3	4th Sem	05330403	Molecular Biology II	Theory	Core	4			4	60	24	20	10	10	40	16												40	No	Theory + Internal			
4	4th Sem	05330404	Molecular Biology II - Practical	Practical	Core			4	2								10	10	20	8	5	5	5	5	15	30	12		20	No	Practical + Internal		
5	4th Sem	05330405	Genetics and Genomics I	Theory	DSE	3	1		4	60	24	20	10	10	40	16												40	No	Theory + Internal			
6	4th Sem	05330406	Microbial Physiology and Metabolism II	Theory	AECC	4	2		4	60	24	20	10	10	40	16												40	No	Theory + Internal			
										DSE																							
										24																							
1	5th Sem	05330501	Immunology	Theory	Core	4			4	60	24	20	10	10	40	16												40	No	Theory + Internal			
2	5th Sem	05330502	Immunology - Practical	Practical	Core			4	2								10	10	20	8	5	5	5	5	15	30	12		20	No	Practical + Internal		
3	5th Sem	05330503	Food and Dairy Microbiology	Theory	Core	3	1		4	60	24	20	10	10	40	16												40	No	Theory + Internal			

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4	5th Sem	05330504	Food and Dairy Microbiology - Practical	Practical	Core			4	2								10	10	20	8	5	5	5	15	30	12			20	No	Practical + Internal
5	5th Sem	05330505	Biotechnology	Theory	DSE	4			4	60	24	20	10	10	40	16													40	No	Theory + Internal
6	5th Sem	05330506	Biotechnology - Practical	Practical	Core			4	2								10	10	20	8	5	5	5	15	30	12			20	No	Practical + Internal
7	5th Sem	05330507	Genetics and genomics - II	Theory	AECC	4			4	60	24	20	10	10	40	16													40	No	Theory + Internal
8	5th Sem	05330508	Research Methodology and Biostatistics	Theory	Core	4			4	60	24	20	10	10	40	16															
9	5th Sem		ADVANCES IN MICROBIAL BIOTECHNOLOGY	Theory	DSE	4			4	60	24	20	10	10	40	16													40	No	Theory + Internal
									30																						
1	6th Sem	05330601	Medical Microbiology	Theory	Core	4			4	60	24	20	10	10	40	16													40	No	Theory + Internal
2	6th Sem	05330602	Medical Microbiology - Practical	Practical	Core			4	2								10	10	20	8	5	5	5	15	30	12			20	No	Practical + Internal
3	6th Sem	05330603	Industrial Microbiology	Theory	Core	4			4	60	24	20	10	10	40	16													40	No	Theory + Internal
4	6th Sem	05330604	Industrial Microbiology - Practical	Practical	Core			4	2								20	10	30	12	5	5	10		20	8			20	No	Practical + Internal
5	6th Sem	05330605	Recombinant DNA Technology	Theory	Core	3	1		4	60	24	20	10	10	40	16													40	No	Theory + Internal
6	6th Sem	05330606	Recombinant DNA Technology - Practical	Practical	Core			4	2								10	10	20	8	5	5	5	15	30	12			20	No	Practical + Internal
7	6th Sem	05330607	Technical Writing	Practical	DSE				4									40	16						60	24			40	No	Practical + Internal
8	6th Sem		Nano-Biotechnology	Theory	DSE	4			4	60	24	20	10	10	40	16													40		Theory + Internal
								22																							

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