

J.J. College of Arts and Science (Autonomous)
Department of Microbiology

Proposed Course Structure based on TANSCHÉ and UGC - LOCF
(Choice Based Credit System)

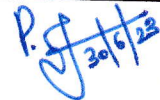
(Applicable for the Candidates admitted from academic year 2023-2024 Onwards)

B.Sc. Microbiology - Semester I

Sl.No.	Course Category	Course Code	Course	Overall Credits	Total Contact Hours/Week	Marks		
						CIA	ESE	Total
Semester I								
1	Part - I	U1R3TL1/ HL1/FL1	Language - I (Tamil/Hindi/French)	3	6	25	75	100
2	Part - II	U1R3EL1	Language - II (English)	3	6	25	75	100
3	Part - III	U1R3MBCC1	Fundamentals of Microbiology and Microbial Diversity	5	5	25	75	100
4		U1R3MBCC2P	Practical I - Fundamentals of Microbiology and Microbial Diversity	5	5	40	60	100
5		U1R3MBDSE1	Basic and Clinical Biochemistry	3	4	25	75	100
6	Part - IV	U1R3MBSEC1 (NME)	To be opted from other Department	2	2	25	75	100
7		U1R3MBFC	Foundation Course	2	2	25	75	100
Total				23	30			700

M.Sc. Microbiology - Semester I

Sl.No.	Course Code	Course	Overall Credits	Total Contact Hours/Week	Marks		
					CIA	ESE	Total
Semester I							
1	P1R3MBCC1	General Microbiology & Microbial Diversity	5	7	25	75	100
2	P1R3MBCC2	Immunology, Immunomics & Microbial Genetics	5	7	25	75	100
3	P1R3MBCC3P	Practical - I Immunology, Immunomics & Microbial Genetics	4	6	40	60	100
4	P1R3MBDSE 1:1 / 1:2 / 1:3	Anyone from the List	3	5	25	75	100
5	P1R3MBDSE 2:1 / 2:2 / 2:3	Anyone from the List	3	5	25	75	100
Total			20	30			500


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B.Sc. Microbiology - Semester II

Sl. No.	Course Category	Course Code	Course	Overall Credits	Total Contact Hours/Week	Marks		
						CIA	ESE	Total
Semester II								
1	Part - I	U2R3TL2/ HL2/FL2	Language - I (Tamil/Hindi/French)	3	6	25	75	100
2	Part - II	U2R3EL2	Language - II (English)	3	6	25	75	100
3	Part - III	U2R3MBCC3	Microbial Physiology and Metabolism	5	5	25	75	100
4		U2R3MBCC4P	Practical II - (Covering CC3)	5	5	40	60	100
5		U2R3MBDSE 2:1 / 2:2	Bioinstrumentation / Herbal Technology	3	4	25	75	100
6	Part - IV	U2R3MBSEC2 (NME2)	To be opted from other Department	2	2	25	75	100
7		U2R3MBSEC 3:1 / 3:2	Sericulture / Veterinary Microbiology	2	2	25	75	100
Total				23	30			700

M.Sc. Microbiology - Semester II

Sl. No.	Course Code	Course	Overall Credits	Total Contact Hours/Week	Marks		
					CIA	ESE	Total
Semester II							
1	P2R3MBCC4	Medical Bacteriology and Mycology	5	6	25	75	100
2	P2R3MBCC5	Medical Virology and Parasitology	5	6	25	75	100
3	P2R3MBCC6P	Practical II - (Covering CC4, CC5)	4	6	40	60	100
4	P2R3MBDSE 3:1 / 3:2 / 3:3	Epidemiology / Clinical and Diagnostic Microbiology/ Bioremediation	3	4	25	75	100
5	P2R3MBDSE 4:1 / 4:2 / 4:3	Bioinformatics / Nanobiotechnology / Clinical Research and Clinical Trails	3	4	25	75	100
6	P2R3MBSEC 1:1 / 1:2	Vermitechnology / Mushroom Technology	2	4	25	75	100
Total			22	30			600

Principal

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