

B. ScMicrobiology-Programme Structure

Sem.	PART	Course Code	Courses	Title of the course	T/P	Credits	Hours/week	Marks		
								CIA	ESE	Total
I	Part –I	2311T	T/OL	தமிழ் இலக்கிய வரலாறு I /Other Language	T	3	6	25	75	100
	Part –II	2312E	E	General English-I	T	3	6	25	75	100
	Part -III	23BMI1C1	CC-1	Fundamentals of Microbiology And Microbial Diversity	T	5	5	25	75	100
		23BMI1P1	CC-2	Practical I - Fundamentals of Microbiology And Microbial Diversity	P	3	4	25	75	100
		-	Generic Elective (Allied)	Biochemistry/ Botany Biotechnology / Zoology	T	3	3	25	75	100
		-		Respective Allied Theory Course	P	2	2	25	75	100
	Part –IV	23BMI1S1	SEC-I	Social and Preventive medicine	T	2	2	25	75	100
		23BMI1FC	FC	Introduction to Microbial World	T	2	2	25	75	100
				Total	-	23	30	200	600	800
II	Part I	2321T	T/OL	தமிழ்இலக்கியவரலாறுII /Other Language	T	3	6	25	75	100
	Part II	2322E	E	General English-II	T	3	6	25	75	100
	Part III	23BMI2C1	CC-3	Microbial Physiology And Metabolism	T	4	5	25	75	100
		23BMI2P1	CC-4	Microbial Physiology And Metabolism Practical	P	4	4	25	75	100
		--	Generic Elective II (Allied)	Biochemistry/ Botany Biotechnology / Zoology	T	3	3	25	75	100
		--		Respective Allied Theory Course	P	2	2	25	75	100
	Part IV	23BMI2S1	SEC-2	Nutrition & Health Hygiene	T	2	2	25	75	100
		23BMI2S2	SEC -3	Sericulture	T	2	2	25	75	100
			Total		23	30	200	600	800	
III	Part –I	2331T	T/OL	தமிழகவரலாறும்பண்பாடும்/ Other Language-III	T	3	6	25	75	100
	Part –II	2332E	E	General English-III	T	3	6	25	75	100
	Part -III	23BMI3C1	CC-5	Molecular Biology and Microbial Genetics	T	4	5	25	75	100
		23BMI3P1	CC-6	Molecular Biology and Microbial Genetics Practical	P	4	4	25	75	100
		--	Generic Elective III (Allied)	Biochemistry/ Botany Biotechnology / Zoology	T	3	3	25	75	100
		--		Respective Allied Theory Course	P	2	2	25	75	100
	Part –IV	23BMI3S1	SEC-4	Organic Farming & Biofertiliser Technology	T	2	2	25	75	100

		233AT/ 23BMI3S2	SEC-5	Adipadai Tamil/ Aquaculture	T	2	2	25	75	100
				Total	-	23	30	200	600	800
IV	Part -I	2341T	T/OL	தமிழும்அறிவியலும்/ Other Language	T	3	6	25	75	100
	Part -II	2342E	E	General English-IV	T	3	6	25	75	100
	Part -III	23BMI4C1	CC-7	Immunology &Immunotechnology	T	4	4	25	75	100
		23BMI4P1	CC-8	Immunology & Immuno technology Practical	P	3	3	25	75	100
		--	Generic Elective	Biochemistry/ Botany Biotechnology / Zoology	T	3	3	25	75	100
		--	IV (Allied)	Respective Allied Theory Course	P	2	2	25	75	100
	Part -IV	23BMI4S1	SEC-6	Vaccine Technology	T	2	2	25	75	100
		234AT/ 23BMI4S2	SEC - 7	Adipadai Tamil/ Apiculture	T	2	2	25	75	100
	23BES4	EVS	Environmental Studies	T	2	2	25	75	100	
				Total	-	24	30	225	675	900
V	Part -I	23BMI5C1	CC-9	Bacteriology and Mycology	T	4	5	25	75	100
		23BMI5C2	CC-10	Virology and Parasitology	T	4	5	25	75	100
		23BMI5P1	CC- 11	Medical Microbiology Practical - V	P	4	5	25	75	100
		23BMI5PR	CC-12	Group Project	P	4	5	25	75	100
		23BMI5E1	DSE-I	Recombinant DNA Technology	T	3	4	25	75	100
	Part -II	23BMI5E2	DSE-II	Biosafety and Bioethics	T	3	4	25	75	100
		23BVE5		Value Education	T	2	2	25	75	100
		23BMI5I		Internship/Industrial Visit/ Field Visit		2	-	25	75	100
				Total	-	26	30	200	600	800
VI	Part -I	23BMI6C1	CC-13	Environmental and Agriculture Microbiology	T	4	6	25	75	100
		23BMI6C2	CC-14	Food, Dairy and Probiotic Microbiology	T	4	6	25	75	100
		23BMI6P1	CC - 15	Food, Dairy and Probiotic Microbiology – Practical - VI	P	4	6	25	75	100
		23BMI6E1	DSE-III	Pharmaceutical Microbiology	T	3	5	25	75	100
		23BMI6E2	DSE-IV	Entrepreneurship and Bio- business	T	3	5	25	75	100
	Part -II	23BMI6S1	PCS	Microbial Quality Control and Testing	T	2	2	25	75	100
		--		Extension Activity		1	-			
				Total	-	21	30	150	450	600
				Grand Total						4700