



SACRED HEART COLLEGE (AUTONOMOUS)

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Ready for
Every Good Work

A Don Bosco Institution of Higher Education, Founded in 1951 * Affiliated to Thiruvalluvar University, Vellore * Autonomous since 1987

Accredited by NAAC (4th Cycle – under RAF) with CGPA of 3.31 / 4 at 'A+' Grade

B.Sc. Microbiology

Sem	Part	Subject Code	Subject Title	Hrs	Credit (s)	E - Hrs	CA	SE	Total
I	I	LT114	Tamil – I	5	3	3	50	50	100
	II	LE115AT	English – I	5	2	3	50	50	100
	III	ABC102	Allied Biochemistry – I	4	3	3	50	50	100
	III	PABC102	Allied Practical – I	2	1	3	40	60	100
	III	MB103	Fundamentals of Microbiology	4	4	3	50	50	100
	III	MB104	Microbial Diversity and Classification	3	3	3	50	50	100
	III	PMB102	Main Practical – I	3	3	3	50	50	100
	IV	SK104	Communication Skills	2	1	-	-	-	-
	IV	VE105A/ VE105B	Christian Religion – I/Value Education - I	2	1	3	50	50	100
	IV	CE103	Communicative English – I	-	1	-	-	-	-
Total				30	22	-	-	-	-
II	I	LT214	Tamil – II	5	3	3	50	50	100
	II	LE215AT	English – II	5	2	3	50	50	100
	III	ABC202	Allied Biochemistry – II	4	3	3	50	50	100
	III	PABC202	Allied Practical – II	2	1	3	50	50	100
	III	MB203	Microbial Physiology and Metabolism	4	4	3	50	50	100
	III	MB204	Bioinstrumentation	3	3	3	50	50	100
	III	PMB202	Main Practical – II	3	3	3	50	50	100

	IV	SK204	Leadership Skills	2	1	-	-	-	-
	IV	VE205A/ VE205B	Christian Religion – II/Value Education - II	2	1	3	50	50	100
	IV	CE203	Communicative English – II	-	1		-	-	-
Total				30	22	-		-	-
III	I	LT312	Tamil – III	5	3	3	50	50	100
	II	LE309T	English – III	5	2	3	50	50	100
	III	AM310C	Allied Biostatistics – I	6	5	3	50	50	100
	III	MB303	Immunology	4	4	3	50	50	100
	III	MB304	Mushroom Technology	3	3	3	50	50	100
	III	PMB302	Main Practical – III	3	3	3	50	50	100
	IV	SK304	Technical Skills	2	1		-	-	-
	IV	VE306	Human Rights	2	1	3	50	50	100
	IV	LE309P	English Lab - III	-	1	-	50	50	100
Total				30	23	-	-	-	-
IV	I	LT411	Tamil – IV	5	3	3	50	50	100
	II	LE409T	English – IV	5	2	3	50	50	100
	III	AM409C	Allied Biostatistics – II	6	5	3	50	50	100
	III	MB404	Bioinoculant Technology	4	4	3	50	50	100
	III	MB405	Microbial Genetics	3	3	3	50	50	100
	III	PMB402	Main Practical – IV	3	3	3	50	50	100
	IV	SK404	Employment Skills	2	1	-	-	-	-
	IV	VE406	Environmental Science	2	1	3	50	50	100
	IV	LE409P	English Lab IV	-	1	-	50	50	100
	V		Outreach Programme	-	2	-	-	-	-
	V		SHELTERS	-	2	-	-	-	-
	III		Internship	-	2*	-	-	-	-
Total				30	27 + 2*	-	-	-	-

Sem	Part	Subject Code	Subject Title	Hrs.	Credit (s)	E – Hrs	CA	SE	Total
V	III	MB508	Molecular Biology and Genetic Engineering	4	4	3	50	50	100
	III	MB509	Medical Bacteriology	5	5	3	50	50	100
	III	MB510	Medical Virology	5	4	3	50	50	100
	III	MB511	Medical Mycology and Parasitology	5	4	3	50	50	100
	III	PMB502	Main Practical – V	5	4	6	50	50	100
	III		Major Elective – I	4	3	3	50	50	100
		MB512A	a) Public Health Microbiology						
		MB512B	b) Bioinformatics and Chemoinformatic						
		MB512C	c) Pharmaceutical Microbiology						
			(One out of three)						
	III	NMB502	Non – Major Elective – I	2	1	3	50	50	100
	III	-	SSP – 1: Entrepreneurship Microbiology	-	1*	-	-	-	-
Total				30	25 + 1*	-	-	-	-

VI	III	MB608	Microbial Biotechnology	4	4	3	50	50	100
	III	MB609	Environmental Microbiology	5	5	3	50	50	100
	III	MB610	Vermitechnology	4	3	3	50	50	100
	III	MB611	Food Microbiology	5	5	3	50	50	100
	III	MB612	Industrial Microbiology	5	5	3	50	50	100
	III	PMB602	Main Practical – VI	5	4	6	50	50	100
	III	NMB602	Non – Major Elective – II	2	1	3	50	50	100
	III	-	SSP – 2: Probiotic Microbiology	-	1*	-	-	-	-
	III	-	Group Project	-	1*	-	-	-	-
	III	-	NPTEL/MOOCs/Other Certificate courses	-	1*	-	-	-	-
Total				30	27 + 3*	-	-	-	-

Evaluation Pattern for Internship

Submission of report with Certificate of attending 15 days Internship before the starting of Semester – V from the Concerned Lab.

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