



Ready for
Every Good Work

SACRED HEART COLLEGE (AUTONOMOUS)

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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

Name of the Programme: MSc Applied Microbiology

S No	Title of the Paper	Course Code	Course Objectives	Course Outcomes	Relevance
1	ELECTIVE – PUBLIC HEALTH MICROBIOLOGY	MB804C	<ul style="list-style-type: none">To strengthen the knowledge of personal health care and hygienic to students.To provide a detailed study on vaccine and its schedule throughout the life time.To acquaint the student with basic concept of public health and prophylactic measures.To understand air, Food, water, insect borne infectious diseases.To create public awareness, individual behavior, and disease prevention.	<ul style="list-style-type: none">Create awareness to prevent disease, promote health, and prolong life among the population as a whole.Provide conditions in which people can be healthy and focus on entire populations, not on individual patients or diseases.Operate and employ the National disease control plans for major infectious diseases.Understanding the Comprehensive health education campaigns to increase public awareness of these diseases in rural areas of India.Support for the investigation, management and control of infection and outbreaks of	Local and Regional developmental needs

				<p>Communicable disease.</p> <ul style="list-style-type: none"> • Provide assistance during field investigations by processing Clinical samples. 	
2	MUSHROOM TECHNOLOGY	MB903	<ul style="list-style-type: none"> • To modify of the Mushroom cultivation in a scientific way for livelihood. • To differentiate edible and poisonous mushrooms and their effects. • To encode the importance of the Mushrooms. • To outline the process of Mushroom cultivation. • To obtain a good understanding of Mushroom cultivation and its disease control. 	<ul style="list-style-type: none"> • Provides the information about the Cultivation, Nutritional value and Medicinal value of Mushrooms. • Gaining knowledge about different types of Mushrooms. • Analyze the pathological damage on mushrooms and outline the post-harvest practices. • Demonstrate the methods for Disease control in Mushrooms. • Assess the nutrient and medicinal value of edible mushrooms and analyse effects of mushroom poisoning. • Develops Entrepreneurial skill on Production and Marketing of Mushroom. 	Local and Regional developmental needs