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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

B.sc BioChemistry Regional

S No	Title of the Paper	Course Code	Course Objectives	Course Outcomes	Relevance
1	PHARMACOLOGY	BC520C	<ul style="list-style-type: none">To give focus on drug chemistry and its mechanism of actions.	<ul style="list-style-type: none">This course will provide the basic information on drug, drug metabolism, adverse drug reactions, general awareness of different types of drugs and its effects. This course will also give focus on drug chemistry and its relationship in life sciences	Regional developmental needs
2	SSP-I: HEALTH MANAGEMENT	BC522SP1	<ul style="list-style-type: none">To gain knowledge about first aid, basic health issues and handling emergencies.	<ul style="list-style-type: none">This course will provide the basic information about safe guards to health, first aid for accidents, handling emergencies of general and specific disease. This course will also give awareness about symptoms and giving first aid during common health issues before meeting the physician.	Local/ Regional developmental needs

3	NON-MAJOR ELECTIVE: ENERGY BUILDERS	NBC503	<ul style="list-style-type: none"> To understand about various biological macromolecules and its function (structures not required) 	<ul style="list-style-type: none"> A student draws complete knowledge of health management at the end of this course. Based on an individual's requirement a complete diet schedule can be framed by the student. 	Regional developmental needs
4	MEDICAL BIOCHEMISTRY	BC615	<ul style="list-style-type: none"> To understand in details about diseases, associated symptoms and treatments. 	<ul style="list-style-type: none"> This course will provide the basic knowledge on principles and practices of Clinical laboratory, collection of clinical specimens based on the disease, understand the clinical disorders and treatments. It also imparts knowledge about exact clinical condition, causative agents, signs & symptoms, diagnosis, and treatment measures of diseases affecting principal organs 	Regional developmental needs
5	SS1: BIOTECHNOLOGY	BC616	<ul style="list-style-type: none"> To give knowledge on applied field of life sciences like DNA technology, tissue culture techniques and Fermentation technology 	<ul style="list-style-type: none"> Student will have a In-depth knowledge in the chemical structure and function of biomolecules, metabolism in the cell, knowledge of the concepts of molecular genetics and biosynthesis of proteins. A good theoretical and practical insight into methods used to obtain this knowledge of the relationship between structure and function at organ and/or organism level, of important cell biological communication principles and processes, and how they are 	Regional/National developmental needs

6	SS2: BIOETHICS	BC617	<ul style="list-style-type: none"> To understand the ethical aspects in Biology and Bio Containment. 	<ul style="list-style-type: none"> This self-study paper makes the student to acquire sound knowledge about different types of nutrients and its composition. Based on the symptoms of the disease in the early stage one can cure the disease through diet therapy. This student can chart out a recommended diet for particular disease. By strictly following the diet one can get rid of the discomfort. 	Local/Regional developmental needs
7	HEALTH CARE AND DISEASE MANAGEMENT	NBC603	<ul style="list-style-type: none"> To give awareness about first aid, basic health issues, handling emergencies. 	<ul style="list-style-type: none"> A student draws complete knowledge of health management at the end of this course. Based on an individual's requirement a complete diet schedule can be framed by the student. 	Local/ Regional developmental needs