



St. Mary's College (Autonomous)
Reaccredited with 'A+' Grade by NAAC (Cycle IV)
Thoothukudi



Criterion: I – Curricular Aspects
1.1 – Curriculum Design and Development
Year: 2018-2023

Programme: B. Sc. Zoology

SEMESTER V			
Core Integral I : Marine Biology			
Code: 18UZOI51	Hrs/Week: 4	Hrs/Sem: 60	Credits: 4

Course Outcome

CO.No	Upon completion of this course, students will be able to	PSO addressed	CL
CO - 1	classify the different ecological zones of marine environment, diversity of marine organisms and their adaptations	1,2	Un
CO - 2	explain the physical and chemical properties of sea water and their significance to marine life	1,4	Un, Ev
CO - 3	appraise the ocean production, characteristics and types of coral reefs, mangroves and estuaries	3	Ev
CO - 4	outline the formation, types and properties of the dynamics of ocean	1,2	Un
CO - 5	analyse various types of marine resources and assess the various environmental concerns related to the use and abuse of marine resources	5,6	An, Cr
CO - 6	gain specialized skills in a range of theoretical and practical applications	8,	Cr
CO - 7	develop awareness of scientific issues in marine biology within the larger social context	6	Ap, Cr
CO - 8	design and implement effective solutions to problems in marine environment	7,8	Cr

Criterion I

SSR Cycle V

SEMESTER IV

Skill Based Elective

B. Nutrition and Health

Course Code : 21UZOS42

Hrs /Week : 2

Hrs /Sem : 30

Credits : 2

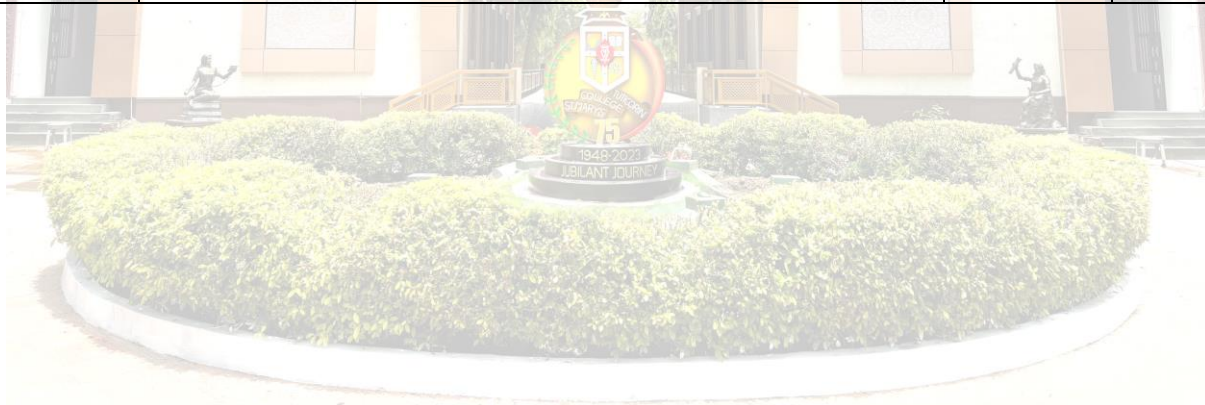
Course Outcomes

CO. No.	Upon completion of this course, students will be able to	PSO addressed	CL
CO- 1	describe basic concepts of nutrients and their functions	2	Re
CO -2	discuss the sources of micro and macro nutrients	2	Un
CO – 3	analyse nutritional requirements during different stages of life	2	An
CO – 4	compare the recommended dietary allowances of micro and macro nutrients	5	An
CO – 5	analyse the role of various minerals important in maintaining health	5	An
CO – 6	recommend dietary management for nutrition related disorders	6	Ev



SEMESTER VI**Core XI****Marine Biology****Course Code : 21UZOC63****Hrs / week : 4****Hrs / sem : 60****Credits : 4****Course Outcomes**

CO. No.	Upon completion of this course, students will be able to	PSO addressed	CL
CO- 1	discuss the different ecological zones of marine environment, diversity of marine organisms and their adaptations	1	Un
CO -2	explain the physical and chemical properties of seawater and their significance to marine life	2	Un
CO - 3	appraise the ocean production, characteristics and types of coral reefs, mangroves and estuaries	3	An
CO - 4	examine the formation, types and properties of the dynamics of ocean	3	An
CO - 5	analyse various types of marine resources and assess the various environmental concerns related to the use and abuse of marine resources	5	An
CO - 6	design and implement effective solutions to problems in marine environment	8	Cr

*Lewis Rose***Principal****St. Mary's College (Autonomous)
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