



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: M.Sc. Botany

SEMESTER III			
Core IX		Marine Biotechnology	
19PBOC31	Hrs/week: 6	Hrs/Semester : 90	Credits: 4

Course Outcome:

CO. No.	Upon completion of this course, students will be able to	PSO addressed	CL
CO-1	analyze how marine organism adapt to their dynamic environment	5	Un
CO-2	recall how natural events and human activities affect coastal habitats	7	Re
CO-3	critically analyze and evaluate pollution issues, their sources and the influences humans have with the dynamic marine environment	7	An
CO-4	achieve practical skills in processing, preserving and culturing marine plants	6	Ev
CO-5	evaluate the uses of marine resources and realize the role of phytoplankton and bacteria in the economy of the ocean	5	Ap
CO-6	able to signify the characteristic feature of coral reefs and their role in biodiversity conservation	1	An
CO-7	able to identify and understand the role of mangroves in coastal protection and their adaptation to its hostile environment	5	Ap
CO-8	explain the ecological relationship between organisms and their environment	2	An

SEMESTER II			
Core VI		Marine Botany	
Course Code: 21PBOC22	Hrs/week: 5	Hrs/Semester: 75	Credits: 4

Course Outcome

CO. No.	Upon completion of this course, students will be able to	PSO addressed	CL
CO-1	analyze how marine organism adapt to their dynamic environment	5	An
CO-2	critically analyze and evaluate pollution issues, their sources and the influences humans have with the dynamic marine environment	7	An
CO-3	achieve practical skills in processing, preserving and culturing marine plants	6	Ev
CO-4	evaluate the uses of marine resources and realize the role of phytoplankton and bacteria in the economy of the ocean	5	Ap
CO-5	able to signify the characteristic feature of coral reefs and understand the role of mangroves in coastal protection and their adaptation to its environment their role in biodiversity conservation	5	An
CO-6	explain the ecological relationship between organisms and their environment	3	An


Principal
 St. Mary's College (Autonomous)
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