



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



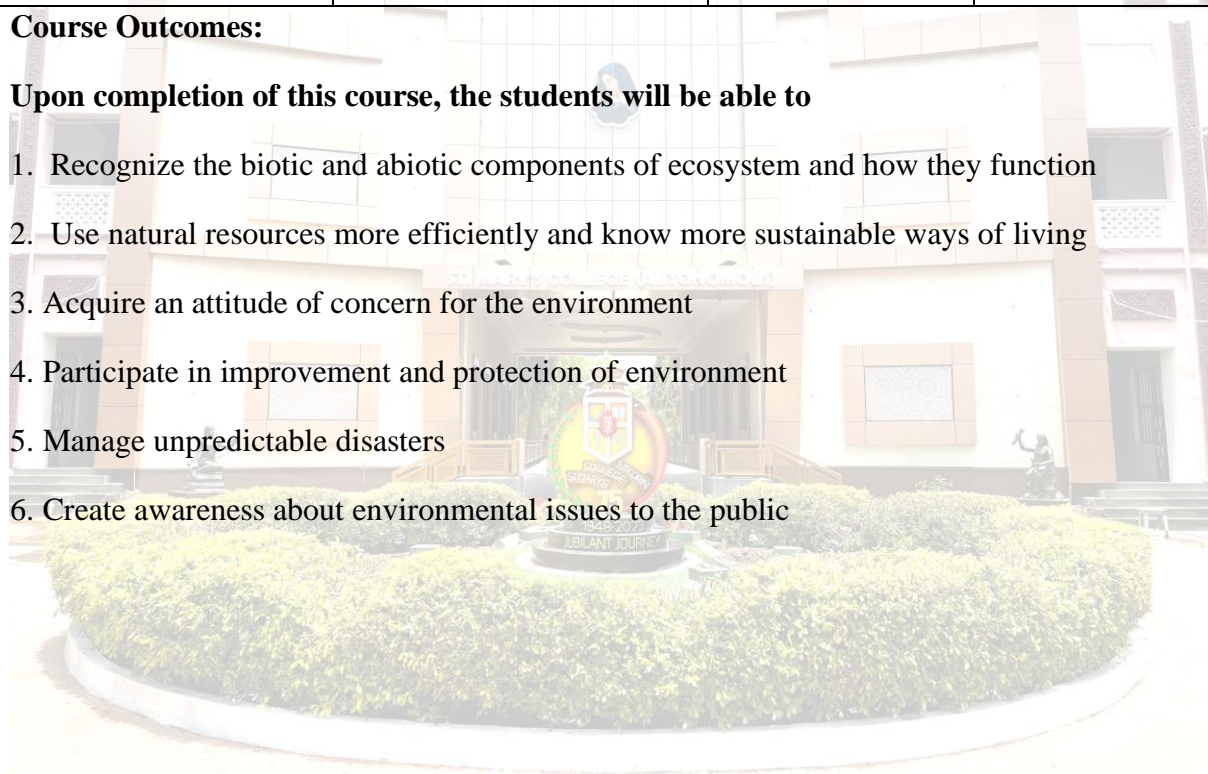
Programme: B. Sc. Botany

Semester – II			
Environmental Studies			
Code : 18UAEV21	Hrs/ Week : 2	Hrs/Sem:30	Credits : 2

Course Outcomes:

Upon completion of this course, the students will be able to

1. Recognize the biotic and abiotic components of ecosystem and how they function
2. Use natural resources more efficiently and know more sustainable ways of living
3. Acquire an attitude of concern for the environment
4. Participate in improvement and protection of environment
5. Manage unpredictable disasters
6. Create awareness about environmental issues to the public



SEMESTER VI**Core XI****Marine Botany****Code:18UBOC62****Hrs/week: 5****Hrs/semester: 75****Credits: 4****Course Outcome**

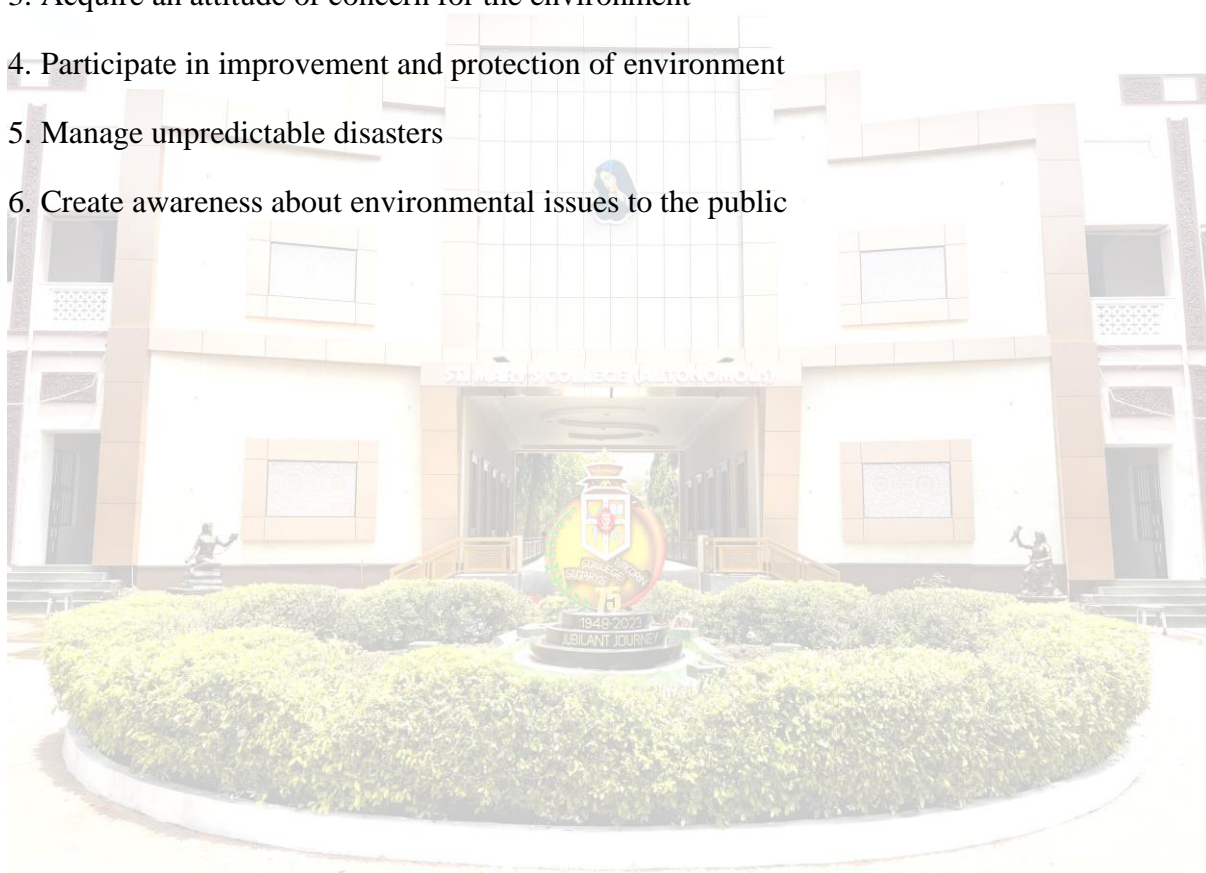
CO. No.	Upon completion of this course, students will be able to	PSO addressed	CL
CO-1	analyze how marine organism adapt to their dynamic environment	5	Un
CO-2	understand the marine environment and classify them	7	Un
CO-3	able to signify the characteristic feature of sandy shore and sand dunes and their economic importance	1	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 marine plants 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			
Environmental Studies			
Code : 21UAEV21	Hrs/ Week : 2	Hrs/Sem:30	Credits : 2

Course Outcomes:

Upon completion of this course, the students will be able to

1. Recognize the biotic and abiotic components of ecosystem and how they function
2. Use natural resources more efficiently and know more sustainable ways of living
3. Acquire an attitude of concern for the environment
4. Participate in improvement and protection of environment
5. Manage unpredictable disasters
6. Create awareness about environmental issues to the public



SEMESTER VI			
Core XII		Marine Biology	
Course Code: 21UBOC64	Hrs/week: 4	Hrs/semester: 60	Credits: 4

Course Outcomes:

CO. No.	Upon completion of this course, students will be able to	PSO addressed	CL
CO-1	understand the marine environment and classify them and analyze how marine organism adapt to their dynamic environment	1	Un, An
CO-2	able to signify the characteristic feature of phytoplanktons sea weeds sea grass their ecology and their economic importance	5	Re
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 marine plants in the economy of the ocean	5	Ap
CO-5	able to signify the characteristic feature of mangroves, coral reefs and their role in coastal protection and biodiversity conservation	5	An
CO-6	explain the ecological relationship between organisms and their environment	2	An



Lina Rose
Principal
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