



Tolani College of Commerce (Autonomous)

तोलानी वाणिज्य महाविद्यालय (स्वायत्त)

(Sponsored and Managed by Tolani Education Society, Mumbai - 400 021)

(Recognised Linguistic (Sindhi) Minority Institution, Affiliated to University of Mumbai)

Re-Accredited (3rd Cycle) by N.A.A.C. with 'A' Grade (CGPA 3.03)

Knowledge is Supreme

150-151, SHER-E-PUNJAB SOCIETY,
GURU GOBIND SINGH ROAD,
ANDHERI (EAST), MUMBAI-400 093.

Tel. : (022) 6153 5455

Fax : (022) 6153 5456

E-mail : tcc@tolani.edu

Website : tcc.tolani.edu

Name of the Department/ Programme	Department of Environmental Studies and Foundation Course 1) Bachelor of Commerce					
Name of the Course	Value Education Courses (VEC): Environmental Science					
Semester	I					
Number of Credits	2					
Number of Lectures	30					
Lecture Duration	60 minutes					
Total Marks:	CE	20	SEE	30	Total	50

Learning Objectives of the Course

Sr. No.	Objectives
LOC1	To sensitise learners about environmental issues and need for conservation of environment.
LOC2	To understand the role of humans as agents of environmental degradation as well as conservation
LOC3	To develop scientific thinking with respect to environmental issues among learners

Learning Outcomes of the Course

Sr. No.	Outcomes
CO1	The learners are sensitised about environmental issues and the need for conservation of environment.
CO2	The learners develop scientific outlook with respect to environmental issues.
CO3	Environmental Studies is appreciated as a multi-disciplinary tool for conservation rather than merely a subject
CO4	Lead to responsible individual and group actions



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Module No. 1	Details	No. of Lectures
	Environment and Ecosystem	10
	Environment: Meaning, definition, scope and its components; Ecosystem: Definition, Concept, Characteristics, components and types, functioning and structure- Food Chain and Food Web, Ecological Pyramids; Man and environment relationship; Natural Resources: Definition, Classification	

Module No. 2	Details	No. of Lectures
	Problems Associated with Environmental Degradation	10
	Rise in human population and urbanisation Pollution: Air, Water, Land, Noise, Light Global Warming and Climate Change Loss of biodiversity	

Module No. 3	Details	No. of Lectures
	Sustainability and way forward	10
	Environmental Conservation; Concept of Sustainability, Environmental Management- Need, Importance and Relevance, Carbon Banks and Carbon Credits; Environmental Laws; Environment Education and Education for Sustainable Development; Use of Environmental Calendar to create awareness about conservation of environment	



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Scheme of Evaluation Pattern

Table 1A: Scheme of Continuous Evaluation (CE)

Scheme of Evaluation Pattern

Sub-components	Maximum Marks	Conditions for passing
1) Fieldwork-based project work and report or assignment or presentation or report-writing or article/ book review or topic-based activity	10	a) A learner must be present for each of the sub-components. b) The subtotal of both the sub-components must be minimum 08 marks
2) MCQ Based Test	10	
Total	20	



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**Table 1B: Scheme of Semester End Examination (SEE) Evaluation
Question Paper Pattern for Semester End Examination (SEE)**

Maximum Marks: 30 Minimum Marks to Pass: 12 Duration: 1 hour

Note: All questions are compulsory. Each question has an internal choice.

Question Number	Nature of Questions	Maximum Marks
1)	Attempt any TWO of the following: (From Module I)	10
	A.	
	B.	
	C.	
2)	Attempt any TWO of the following: (From Module II)	10
	A.	
	B.	
	C.	
3)	Attempt any TWO of the following: (From Module III)	10
	A.	
	B.	
	C.	