

SES's L.S.RAHEJA COLLEGE OF ARTS AND COMMERCE

(AUTONOMOUS)



**Syllabus of Environment Education for Sustainable Development under NEP 2020 Vertical -
VEC with effect from 2024-25**

Department of Commerce & Management

**Head of the Department/Sr. Person: Prof. Dr. Anupama
Nerurkar**

**Date of approval by the Board of Studies (Commerce &
Management): 25/04/2024**

Approved by the Academic Council on: 29/04/2024

Ratified by the Governing Body on: 06/05/2024



Programme: Bachelor of Commerce (Accounting and Finance)		Semester: I			
Course : Environment Education for Sustainable Development Academic Year: 2024-2025 Batch: 2024-2027		Code: UGBAFIVE C24			
Teaching Scheme	Evaluation Scheme				
Lectures	Practical	Tutorials	Credits	Internal Continuous Assessment (ICA) (weightage)	Term End Examinations (TEE) (weightage)
30	Nil	Nil	02	20 marks/40% of the total marks	30 marks/60% of the total marks

Learning Objectives :	<ul style="list-style-type: none"> ● To understand the key components of the environment and the significance of biodiversity ● To understand the concept of sustainable development.
Learning Outcomes :	<ul style="list-style-type: none"> ● Apply concepts of environmental conservation to protect biodiversity ● Apply sustainable development principles in real-world scenarios.
Pedagogy:	Interactive discussions, Case studies, Group activities, Role plays

Module	Module Content	Module Wise Pedagogy Used	Module Wise Duration/ Lectures
I	Environment and Bio-diversity <ul style="list-style-type: none"> ● Meaning of Environment, Components of Environment, Environmental degradation, Need and Significance of environmental education. 	Classroom lecture and group discussion	15

	<ul style="list-style-type: none"> ● Biodiversity: Definition; importance of Biodiversity - ecological, consumptive, productive, social, ethical and moral, aesthetic, and option value. ● Conservation of biodiversity: In-situ and ex-situ conservation of biodiversity 		
II	<p>Concept of sustainable development</p> <ul style="list-style-type: none"> ● Concept of sustainability and sustainable development with judicious use of land, water and forest resources; afforestation. ● Control measures for various types of pollution; use of renewable and alternate sources of energy ● Millenium development goals to sustainable development goals 	Classroom lecture, assignment and case study with current examples	15

REFERENCE BOOKS

1. Dara S.S. & Mishra D.D.: Text book of Environmental Chemistry & Pollution Control. Revised edition; Publs. S. Chand.
2. E. J. Kormandy: Concepts of Ecology. Prentice Hall of India (Pvt.) Ltd.
3. Dara S.S. & Mishra D.D.: Text book of Environmental Chemistry & Pollution Control. Revised edition; Publs. S. Chand.
4. Bharucha, Erach. (2021). Textbook of Environmental Studies for Undergraduate Courses (3rd Edition) . Telangana: University Press (India).

QUESTION PAPER PATTERN

Internal Continuous Assessment (ICA) Pattern

Particulars	Marks
Presentation/Viva Voce	10
Assignment/Project	10
Total	20

Term End Examinations (TEE)

Question Paper Pattern

Maximum Marks: 30

Duration: 1 Hour

All questions are compulsory.

Question No.	Description	Total Marks
1	A. Full Length Theory Question OR	12
	B. Full Length Theory Question	
2	A. Full Length Theory Question OR	12
	B. Full Length Theory Question	
3	Short Notes (Any 2 out of 3)	6

The Full-length theory questions of 12 marks each may be split up into two smaller problems carrying 6 marks each.