

Semester Lecture Plan

Name of the college: Government College of Arts, Science & Commerce, Sanquelim Goa							
Name of Faculty: Mr. Stephen Fernandes			Subject: VAC Environmental Studies I				
Paper code: VAC100			Program/Course: FYBSc		Division: B		
Academic year: 2025- 2026			Semester: I		Total Lectures: 30		
Course Objectives: The Course aims to: - Familiarise the Students with the multidisciplinary nature of environmental studies and Natural Resources. - Impart Knowledge of Ecosystems, Biodiversity and its conservation.							
Student Learning Outcome: - Define and explain various concepts in Environmental Studies. - Discuss Global Environmental Issues and their impact on Environment and Humans. - Apply various environmental concepts in improving the quality of environment and promoting sustainable development. - Develop values and attitude in addressing environmental issues at a personal and community level							

June	30/06/2025	05/07/2025	01	Definition, Scope and Importance;	Discussion on different disciplines in Environmental Studies	Power point presentation, White Board	Textbook of Environmental Studies: E. Bharucha, Fundamentals of Environmental Studies by Mahua Basu, S. Xavier
July	07/07/2025	12/07/2025	01	Need for public awareness	1) Classifying various natural resources	Power point presentation, White Board Youtube Videos	Textbook of Environmental Studies: E. Bharucha, Fundamentals of Environmental Studies by Mahua Basu, S. Xavier
July	14/07/2025	19/07/2025	01	Natural Resources	1) Classifying various natural resources Understanding the uses of resources and importance	Power point presentation, White Board	Textbook of Environmental Studies: E. Bharucha, Fundamentals of Environmental Studies by Mahua Basu, S. Xavier
July	21/07/2025	26/07/2025	01	Forest Resources	List out important Forest Products used in day to day life	Power point presentation, White Board	Textbook of Environmental Studies: E. Bharucha, Fundamentals of Environmental Studies by Mahua Basu, S. Xavier
July	28/07/2025	02/08/2025	01	Water Resources	.Suggest various measures to conserve water resources	Power point presentation, White Board	Textbook of Environmental Studies: E. Bharucha, Fundamentals of Environmental Studies by Mahua Basu, S. Xavier
August	04/08/2025	09/08/2025	01	Mineral Resources	Mining in Goa and its impacts on Environment	Power point presentation,	Textbook of Environmental Studies: E. Bharucha, Fundamentals of

						White Board	Environmental Studies by Mahua Basu, S. Xavier
August	11/08/2025	16/08/2025	01	Food Resources	Evaluate various impacts of over-exploitation of resources on environment	Power point presentation, White Board	Textbook of Environmental Studies: E. Bharucha, Fundamentals of Environmental Studies by Mahua Basu, S. Xavier
August	18/08/2025	25/08/2025	01	Food Resources	Case study of Endosulfan pesticide tragedy in Kerala	Power point presentation, White Board	Textbook of Environmental Studies: E. Bharucha, Fundamentals of Environmental Studies by Mahua Basu, S. Xavier
September	01/09/2025	06/09/2025	01	Energy Resource	Renewable Energy Production in Goa	Power point presentation, White Board	Textbook of Environmental Studies: E. Bharucha, Fundamentals of Environmental Studies by Mahua Basu, S. Xavier
September	08/09/2025	13/09/2025	01	Energy Resource	Non-Renewable Energy Utilization	Power point presentation, White Board	Textbook of Environmental Studies: E. Bharucha, Fundamentals of Environmental Studies by Mahua Basu, S. Xavier
September	15/09/2025	20/09/2025	01	Land Resources	Find out various soil conservation measures	Power point presentation, White Board	Textbook of Environmental Studies: E. Bharucha, Fundamentals of Environmental Studies by Mahua Basu, S. Xavier
September	22/09/2025	27/09/2025	01	Role of an individual in conservation of natural resources.	Create awareness among people for conservation and sustainable utilization of resources	Power point presentation, White Board	Textbook of Environmental Studies: E. Bharucha, Fundamentals of Environmental Studies by Mahua Basu, S. Xavier

October	29/09/2025	04/10/2025	01	Equitable use of resources for sustainable lifestyles.	Create awareness among people for conservation and sustainable utilization of resources	Power point presentation, White Board	Textbook of Environmental Studies: E. Bharucha, Fundamentals of Environmental Studies by Mahua Basu, S. Xavier
October	06/10/2025	11/10/2025	01	Revision	Question Paper Discussion	Power point presentation, White Board	Textbook of Environmental Studies: E. Bharucha, Fundamentals of Environmental Studies by Mahua Basu, S. Xavier
October	13/10/2025	18/10/2025	01	Revision	Question Paper Discussion	Power point presentation, White Board	Textbook of Environmental Studies: E. Bharucha, Fundamentals of Environmental Studies by Mahua Basu, S. Xavier

Assessment Rubrics

Component	Max Marks
ISA 1	05
ISA 2	05
ISA 3	05
Semester End Exam	40