

		Semester Lecture Plan					
Name of the college: Government College of Arts, Science& Commerce, Sanquelim-Goa							
Name of Faculty: Shweta A. Patil			Subject: Environmental Studies I				
Paper code: VAC 100			Program/Course: BA		Division:		
Academic year: 2025-2026			Semester I		Total Lectures:		
Course Objectives Sensitise students to environmental conservation and sustainable use of resources							
Course Learning Outcome: Students will be able to understand the importance of environmental conservation and sustainable use of natural resources and demonstrate awareness, responsibility, and practical actions to protect ecosystems, reduce wastage, and promote equitable use of resources for present and future generations							
Month	Lectures From: To:		No. of lectures allotted	Topic, Subtopic to be covered	Learning Outcome	ICT Tools	Reference books
July	14/07/2025	19/07/2025	1	Definition, scope and importance Need for public awareness	Students will be able to explain the scope of environmental studies, its importance, and the role of public awareness in sustainable development.	Board and PowerPoint Presentations	Bharucha E.: Textbook of Environmental Studies. Orient BlackSwan
	21/07/2025	26/07/2025	1	Natural Resources: Renewable and non-renewable resources : Natural resources and associated	students will be able to classify natural resources, distinguish between renewable and non-	Board and PowerPoint Presentations	Bharucha E.: Textbook of Environmental Studies. Orient

				problems.	renewable types, and discuss associated challenges.		BlackSwan
	28/07/2025	31/07/2025	1	Forest resources : Use and overexploitation, deforestation, case studies. Timber extraction, mining, dams and their effects on forest and tribal people.	Students will be able to analyze the use and overexploitation of forests, and evaluate the impacts of deforestation, timber extraction, mining, and dam construction on ecosystems and tribal communities.	Board and PowerPoint Presentations	Bharucha E.: Textbook of Environmental Studies. Orient BlackSwan
August	4/08/2025	9/08/2025	1	Water resources : Use and over-utilization of surface and ground water, floods, drought, conflicts over water, dams-benefits and problems	Students will be able to evaluate the use and over-utilization of surface and groundwater, and analyze issues related to floods, droughts, water conflicts, and the impacts of dams.	Board and PowerPoint Presentations	Bharucha E.: Textbook of Environmental Studies. Orient BlackSwan
	11/08/2025	16/8/2025	1	Mineral resources : Use and exploitation, environmental effects of extracting and using mineral resources,	Students will be able to assess the use and exploitation of mineral resources,	Board and PowerPoint Presentations	Bharucha E.: Textbook of Environmental Studies. Orient BlackSwan
	18/08/2025	23/08/2025	1	Case studies.	Will be able to examine the environmental consequences of	Board and PowerPoint Presentations	Bharucha E.: Textbook of Environmental

					extraction through case studies.		Studies. Orient BlackSwan
September	2/09/2025	6/09/2025	1	Food resources : World food problems, changes caused by agriculture and overgrazing	Students will be able to discuss global food problems and explain the environmental impacts of agriculture and overgrazing.	Board and PowerPoint Presentations	Bharucha E.: Textbook of Environmental Studies. Orient BlackSwan
	8/09/2025	13/09/2025	1	Effects of modern agriculture, fertilizer-pesticide problems, water logging, salinity, case studies.	Students will be able to analyze the environmental impacts of modern agriculture, including fertilizer–pesticide problems, waterlogging, and salinity, supported by case studies.	Board and PowerPoint Presentations	Bharucha E.: Textbook of Environmental Studies. Orient BlackSwan
	22/09/2025	27/09/2025	1	. Energy resources: Growing energy needs, renewable and non-renewable energy sources, use of alternate energy sources. Case studies	Students will be able to evaluate growing energy demands, compare renewable and non-renewable sources, and assess the potential of alternate energy through case studies	Board and PowerPoint Presentations	Bharucha E.: Textbook of Environmental Studies. Orient BlackSwan
October	1/10/2025	4/10/2025	1	Land resources : Land as a resource, land degradation, man-induced landslides, soil erosion	Students will be able to examine land as a resource	Board and PowerPoint Presentations	Bharucha E.: Textbook of Environmental

				and desertification	and assess issues of land degradation, man-induced landslides, soil erosion, and desertification.		Studies. Orient BlackSwan
	6/10/2025	11/10/2025	1	Role of an individual in conservation of natural resources, Equitable use of resources for sustainable lifestyles	Students will be able to identify individual-level actions that contribute to the conservation and sustainable management of natural resources.	Board and PowerPoint Presentations	Bharucha E.: Textbook of Environmental Studies. Orient BlackSwan
	13/10/2025	18/10/2025	1	Revision			