

Semester Lecture Plan

Name of the college: Government College of Arts, Science & Commerce, Sanquelim Goa

Name of Faculty: Mr. Vishal R. Gaonkar

Subject: Geography (Climate Change and Natural Resource Management)

Paper code: GOS 112 (Theory)

Program/Course: FYBSc

Division:

Academic year: 2024- 2025

Semester: II

Total Lectures: 15

Course Objectives:. To provide an understanding of the causes and consequences of climate change and explore the concept of natural resource management and its relationship with sustainable development

Expected Outcomes: To understand the concepts of natural resource management and sustainable development and their interplay with climate change.

Course Learning Outcome: Assess the impacts of climate change on water resources, biodiversity. Forestry, agriculture and fisheries.

Month	Lectures From: To:		No. of lectures allotted	Topic, Subtopic to be covered	Exercises/Assignment	ICT Tools	Reference books
December	09/12/2024	14/12/2024	01	Impacts of climate change on natural resource management.	Suggestion on the impact of climate change.	Overhead Projector / Smart board	Understanding Climate Change – M.A. Haque
December	16/12/2024	21/12/2024	01	Impacts on water resources and Biodiversity	Suggestion on the impact of climate change.	Overhead Projector / Smart board	Understanding Climate Change – M.A. Haque

January	02/01/2025	04/01/2025	01	Impacts on water resources and Biodiversity.	Suggestion on the impact of climate change.	Overhead Projector / Smart board	Understanding Climate Change – M.A. Haque
January	06/01/2025	11/01/2025	01	Impacts on water resources and Biodiversity.	Viewpoints of students on climate change.	Overhead Projector / Smart board	Understanding Climate Change – M.A. Haque
January	13/01/2025	18/01/2025	01	Impacts on forestry, agriculture and fisheries	Reading of case studies from various sources.	Overhead Projector / Smart board	Understanding Climate Change – M.A. Haque
January	20/01/2025	25/01/2025	01	Impacts on forestry, agriculture	Viewpoints of students on climate change.	Overhead Projector / Smart board	Understanding Climate Change – M.A. Haque
January	27/01/2025	31/01/2025	01	Impacts on fisheries	Viewpoints of students on climate change.	Overhead Projector / Smart board	Understanding Climate Change – M.A. Haque
February	03/02/2025	08/02/2025	01	Impacts on fisheries	Viewpoints of students on climate change.	Overhead Projector / Smart board	Understanding Climate Change – M.A. Haque
February	10/02/2025	15/02/2025	01	Vulnerability and adaptations of ecosystems and communities	Viewpoints of students on climate change.	Overhead Projector / Smart board	Understanding Climate Change – M.A. Haque
February	17/02/2025	22/02/2025	01	Vulnerability and adaptations of ecosystems and communities	Viewpoints of students on climate change.	Overhead Projector / Smart board	Understanding Climate Change – M.A. Haque

February	24/02/2025	28/02/2025	01	Vulnerability and adaptations of ecosystems and communities	Viewpoints of students on climate change Policy	Overhead Projector / Smart board	Understanding Climate Change – M.A. Haque
March	03/03/2025	08/03/2025	01	Case studies of climate change impacts and adaptation measures in different regions.	Viewpoints of students on climate change Policy	Overhead Projector / Smart board	Understanding Climate Change – M.A. Haque
March	10/03/2025	15/03/2025	01	Case studies of climate change impacts and adaptation measures in different regions.	Viewpoints of students on climate change Policy	Overhead Projector / Smart board	Understanding Climate Change – M.A. Haque
March	17/03/2025	22/03/2025	01	Case studies of climate change impacts and adaptation measures in different regions.	Viewpoints of students on climate change Policy	Overhead Projector / Smart board	Understanding Climate Change – M.A. Haque
March	24/03/2025	28/03/2025	01	Case studies	Reading of case studies from various sources.	Overhead Projector / Smart board	Understanding Climate Change – M.A. Haque
March & April	31/03/2025	05/04/2025	01	Case studies	Reading of case studies from various sources.	Overhead Projector / Smart board	Understanding Climate Change – M.A. Haque
April	07/04/2025	11/04/2025	01	Revision	-	-	- Understanding Climate Change – M.A. Haque