

**SARDAR PATEL UNIVERSITYBA**  
**Bachelor of Commerce (B.Com.) Semester 02**  
**Effect from : 2023-24**

Course Code	<b>UB02VACOM06</b>	Title of the Course	Environmental Studies
Total Credits of the Course	02	Hours per Week	02
Course Objectives:	<p>1. The objective of this paper is to provide an overview of resource geography and its interface with environment.</p> <p>2. The course aims to provide an understanding of the existing reality of resource utilization and environmental depletion; further aims to sensitize the students to the concept of Sustainable resource use and sustainable development.</p>		
<b>Course Content</b>			
Unit	Description	Weight age%	
1.	Meaning Nature and Types of Environment, Man and Environment Relationship, Nature, Scope and Importance of Environmental studies. Need for public awareness and Protection of Environment. Concept of an ecosystem and ecology, Structure and function of an ecosystem. Energy flow in the ecosystem, Food chains, food webs and ecological pyramids.	<b>50%</b>	
2.	Definition, Meaning and Importance of Biodiversity, Types of Productivity and Mega Biodiversity centers and Hot Spot, Threats to Biodiversity and Conservation of Biodiversity, Classification of Indian Biodiversity. Meaning of Changes in the Environment, Factors Changing the Environment, Environment and Population Growth, Environment and Human Health.	<b>50%</b>	
Teaching-Learning Methodology	ICT, Group Discussion Lecture method, Class room Seminar, quiz		
<b>Evaluation Pattern</b>			
Sr. No.	Details of the Evaluation	Weight age	
1.	Internal Written / Practical Examination (As per CBCS R.6.8.3)	15%	
2.	Internal Continuous Assessment in the form of Practical, Viva-voce, Quizzes, Seminars, Assignments, Attendance (As per CBCS R.6.8.3)	15%	
3.	University Examination	70%	

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Course Outcomes: Having completed this course, the learner will be able to	
1.	Understand the dynamic interactive relationship between man and environment.
2.	Have sound understanding on distribution, utilization and proper management of natural resources at global level.
3.	Make assessment and review of planning and policies related to environment and natural resources.
Sr.	References
1.	Dr. B. K. Bhatt, Dr. M.C.Patel, Dr. T.G. Gohil, Environmental Studies, New Popular Prakashan Surat
2.	Savindra Singh, (2000): Environmental Geography. Prayag Pustak Bhavan, Allahabad
3.	Alexander, D. (1993): Natural Disasters. UCL Press Ltd, London
4.	Dr. N. G. Dixit (2012) Man and Environment, Arunoday Publication, Ahmadabad (Gujarati).
5.	Mohan, Environmental Problems in 21 <sup>st</sup> Century, Anmol Publication Pvt, Ltd. New Delhi
On-line resources to be used if available as reference material	
On-line Resources: <a href="https://en.m.wikipedia.org/wiki/Ecosystem_ecology">https://en.m.wikipedia.org/wiki/Ecosystem_ecology</a>	
<a href="https://en.m.wikipedia.org/wiki/Biodiversity">https://en.m.wikipedia.org/wiki/Biodiversity</a>	
<a href="https://en.m.wikipedia.org/wiki/Physical_impacts_of_climate_change">https://en.m.wikipedia.org/wiki/Physical_impacts_of_climate_change</a>	