

**SARDAR PATEL UNIVERSITY**  
**Vallabh Vidyanagar, Gujarat**  
**(Reaccredited with 'A' Grade by NAAC (CGPA 3.25)**  
**Syllabus with effect from the Academic Year 2021-2022**  
**Bachelor of Business Administration**  
**BBA (ITM) - Semester-I**

Course Code	UM01SBBI71	Title of the Course	Environmental Studies
Total Credits of the Course	03	Hours per Week	03

Course Objectives:	<p>Objectives:</p> <ol style="list-style-type: none"> <li>1. Creating the awareness about the environmental problems among the students.</li> <li>2. Imparting the knowledge about environment and its allied problems.</li> <li>3. Developing the attitude of concern for the environment</li> </ol>
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Course Content		
Unit	Description	Weightage* (%)
1.	<b>Introduction of Environmental Studies:</b> Definition, Scope, Importance, Meaning and Concept of Renewable and Non Renewable Resources, Equitable use of resources for sustainable lifestyles, Need for Public awareness.	25%
2.	<b>Natural Resources and Associated Problems:</b> Concept and Threats, Forest Resources, Water Resources, Mineral Resources, Energy Resources, Land Resources, Role of individual in conservation of Natural Resources, National Forest Policy	25%
3.	<b>Ecosystem</b> Concept, Structure, Functions of an Ecosystem; Producers, Consumers and Decomposers in Ecosystem; Food Chain, Food Web and Ecological Pyramid Types, characteristics and Threats to Ecosystem Types – Forest, Grassland, Desert and Aquatic Ecosystem Role of Individual in sustaining Ecosystem Community Ecology	25%
4.	<b>Biodiversity</b> Introduction Types – Genetic, Species and Ecosystem Biodiversity at Global, National and Local Levels India as a Mega Diversity Nation Threats of Biodiversity Conservation of biodiversity: Ex-situ, In-situ and Levels of action.	25%



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Teaching-Learning Methodology	These are teacher-centred methods, learner-centred methods, content-focused methods and interactive/participative methods.
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Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weightage
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%

Course Outcomes: Having completed this course, the learner will be able to	
1.	<ul style="list-style-type: none"> <li>• <b>Learn how to use resources sustainably</b> With natural resources such as air, water, oil, minerals are getting depleted rapidly; the environmental studies course can help students understand the importance of these resources and how we can improve the situation by taking appropriate actions in our regular lives to preserve these resources.</li> <li>• <b>Create awareness about preserving the environment</b> Understand the significance of protecting the environment. Activities such as conducting awareness programs and rallies can prevent the degradation of the environment.</li> </ul>
2.	<ul style="list-style-type: none"> <li>• Develop awareness towards resources conservation and take initiative towards conservation process.</li> <li>• Understand the importance of resources in our life.</li> <li>• Learn the importance of proper use of resources for sustainable development.</li> </ul>
3.	<ul style="list-style-type: none"> <li>• Define the basic rules and concepts of the <b>ecology</b> science.</li> <li>• Define the <b>ecology</b> of individual, population, community and <b>ecosystem</b>.</li> <li>• define the concepts that are the ambient, environment, biome, biosphere, ecosphere, <b>ecological</b> relationship and factors, and homeostasis</li> <li>• understand threats to Forest, Grassland, Desert and Aquatic Ecosystem</li> </ul>



4	<ul style="list-style-type: none"> <li>• Explain how plants and animals support each other in the food chain or food web</li> <li>• Identify human-caused species loss as one of the major current threats to <b>biodiversity</b></li> <li>• Explain how the disappearance of one species affects other species.</li> </ul>
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**Suggested References:**

Sr. No.	References
1.	Environmental Studies- Dr. Suresh K. Dhameja. Published by SK Kataria & Sons, New Delhi-110006
2.	Introduction to Environmental Studies- Chandar K. Sharma, Vrinda Publications Pvt. Ltd. Delhi-110091
3	Textbook of Environmental Studies for Undergraduate Courses- Erach Bharucha

On-line resources to be used if available as reference material

On-line Resources

[Environmental Studies For Undergraduate Courses - UGC](#)

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