



**Bachelor of Commerce (B.Com.)**  
**Semester - I**

<b>Course Code SEC</b>	<b>UB1SECOM02</b>	<b>Title of the Course</b>	<b>Environmental Studies</b>
Total Credits of the Course	02	Hours per Week	02

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

<b>Teaching-Learning Methodology</b>	These are teacher-centred methods, learner-centred methods, content-focused methods, and interactive/participative methods.
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<b>Evaluation Pattern</b>		
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%

<b>Course Outcomes: Having completed this course, the learner will be able to</b>	
1.	Students can learn how to use resources sustainably and create awareness about preserving the environment.
2.	Students can develop awareness towards resources conservation and take initiative towards conservation process and understand the importance of resources for sustainable development.
3.	Have an understanding on the basic rules and concepts of the ecology science and understand threats to Forest, Grassland, Desert and Aquatic Ecosystem
4.	Can interpret the concept of the food chain or food web and identify human-caused species loss as one of the major current threats to biodiversity and can construe how the disappearance of one species affects other species.

<b>Suggested References:</b>	
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
<u><a href="#">Environmental Studies For Undergraduate Courses - UGC</a></u>

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