



## **B. J. VANIJYA MAHAVIDYALAYA**

**(Autonomous)**

**(Grant-in-Aid)**

**(Affiliated to Sardar Patel University)**

**Vallabh Vidyanagar- 388 120, Dist. Anand, Gujarat, India**

**Accredited with CGPA of 2.78 on four-point scale at B++ Grade by NAAC**

**Syllabus as per the NEP 2020 with effect from June - 2025**

**Bachelor of Commerce (B. Com.)**

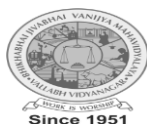
### **Semester – III**

<b>Course Code</b>	<b>UM03SECOM03</b>	<b>Title of the Course</b>	<b>Climate Change and Sustainable Development</b>
<b>Total Credits of the Course</b>	<b>02</b>	<b>Hours per week</b>	<b>02</b>

<b>Course Objectives:</b>	<ol style="list-style-type: none"><li>1) To analyse the meaning of the global environment and its impact on climate change.</li><li>2) To recognize the importance of bio-diversity and overview of the water conservation methods.</li></ol>
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<b>Course Content</b>		
<b>Unit No.</b>	<b>Description</b>	<b>Weightage (%)</b>
<b>1</b>	Understanding Global Environmental Change Understanding relationship between Society, Economy, Environment Causes and Effects of Environmental change Water, Energy, Agriculture and Bio-diversity projections and Impact Role of Individual in prevention of pollution	<b>50%</b>
<b>2</b>	Water, land and Bio-diversity Management Water Crisis- Demands and Trends- Resource Management- Sustainable Land Management- Bio-diversity Water conservation, Rainwater harvesting	<b>50%</b>

<b>Teaching-Learning Methodology</b>	The course would be taught /learnt through ICT (e.g. Power Point Presentation, Audio-Visual Presentation), Lectures, Group Discussions, Quizzes, Assignments, Case Study and Browsing E- Resources.
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### Internal and External Examination Evaluation

Sr. No.	Details of the Evaluation / Exam Pattern	50 Marks (%)	25 Marks (%)
1	Class Test (at least one)	15 (30%)	10 (40%)
2	Quiz (at least one)	15 (30%)	05 (20%)
3	Active Learning	05 (10%)	----
4	Home Assignment	05 (10%)	05 (20%)
5	Class Assignment	05 (10%)	----
6	Attendance	05 (10%)	05 (20%)
<b>Total Internal (%)</b>		<b>50 (100%)</b>	<b>25 (100%)</b>
<b>Final Examination (%)</b>		<b>50 (100%)</b>	<b>25 (100%)</b>

Sr. No.	Course Outcomes: Having completed this course, the learner will be able to
1)	Identify the importance of global environmental change and explain its effects.
2)	Analyse the role of individual in prevention of pollution
3)	Evaluate the explanations of bio-diversity management and examine different resource management.
4)	Understand the importance of natural resources and its conservation.

Sr. No.	Suggested References:
1)	Textbook of Environmental Studies for Undergraduate Courses- Erach Bharucha
2)	Environmental Studies- Dr. Suresh K. Dhameja. Published by SK Kataria & Sons, New Delhi-110006
3)	Introduction to Environmental Studies- Chandar K. Sharma, Vrinda Publications Pvt. Ltd. Delhi-110091
Sr. No.	On-Line Resources available that can be used as Reference Material
1)	<a href="https://www.ugc.gov.in/oldpdf/modelcurriculum/env.pdf">https://www.ugc.gov.in/oldpdf/modelcurriculum/env.pdf</a>
2)	<a href="https://youtu.be/j0yjZdCPOSQ?si=D6vW5NmPfgb86Mlg">https://youtu.be/j0yjZdCPOSQ?si=D6vW5NmPfgb86Mlg</a>
3)	<a href="https://www.slideshare.net/slideshow/role-of-individual-in-prevention-of-pollutionpptx/259005471">https://www.slideshare.net/slideshow/role-of-individual-in-prevention-of-pollutionpptx/259005471</a>