



# C. U. SHAH UNIVERSITY, WADHWAN CITY.

Faculty of: **Arts & Humanities**

Course: **Bachelor of Arts (Gujarati)**

Semester: **II**

Subject Code: **VAC202-1C**

Subject Name: **ENVIRONMENTAL STUDIES**

Sr. No.	Category	Subject Code	Subject Name	Teaching hours/Week			Credit hours	Credit Points	Evaluation Scheme/ Semester										
				Th	Tu	Pr			Theory				Practical				Total		
									Internal Assessment		End Semester Exams		Internal Assessment		End Semester Exams				
									Marks	Duration	Marks	Duration	Marks	Duration	Marks	Duration			
7	VAC	VAC202-1C	ENVIRONMENTAL STUDIES	2	-	--	2	2	15	05	05	Test Assignment	25	1	-	--	--	--	50

**AIM :**

This course is aimed at enabling the students

- To familiar/aware students Environmental Science, natural resources, about pollution and effects of environment in human population.

**COURSE CONTENTS**

**Unit I The Multidisciplinary nature of Environmental Science**

**(4 Lectures)**

Definition, Scope and Importance of Environmental Science, Need of Public Awareness.

**Unit II Natural Resources**

**(8 Lectures)**

Introduction to Natural Resources, Renewable and Non-renewable resources, Forest Resources, Water Resources, Food Resources, Energy Resources, Land Resources.

**Unit III Pollution**

**(8 Lectures)**

Definition of Pollution, Causes, effects and control measure of pollution: Air pollution, Water pollution, Soil pollution, Noise pollution, Thermal Pollution. Role of individual in prevention of Pollution. Disaster management: Floods, Earthquakes and cyclone

**Unit IV Human Population and Environment**

**(10 Lectures)**

Human population growth, variation among nations, Global population growth, Methods of sterilization: Urbanization, Environment and Human health, climate and health, Water related diseases, Human rights: Equity, Nutrition, health and human rights. Value Education: Environmental values, valuing nature, valuing cultures. Woman and child welfare. Role of information technology in environment and human health.

**Arrangement of lectures duration and practical session as per defined credit numbers:**

Units	Lecture Duration (In Hrs.)		Calculation of Credits (In Numbers)		Total Lecture Duration	Credit Calculation
	Theory	Practical	Theory	Practical	Theory+ Practical	Theory+ Practical
Unit – 1	4	00	2	0	4	2
Unit – 2	8	00			8	
Unit – 3	8	00			8	
Unit – 4	10	00			10	
<b>Total</b>	<b>30</b>	<b>00</b>	<b>2</b>	<b>0</b>	<b>30</b>	<b>2</b>

**Evaluation:**

Theory Marks	Practical Marks	Total Marks
<b>50</b>	<b>00</b>	<b>50</b>

**REFERENCE BOOKS:**

- Text book for environmental studies: by Erach Bharucha for UGC