



# GUJARAT TECHNOLOGICAL UNIVERSITY

**Bachelor of Engineering**  
**Subject Code: 3150309**  
**Semester –V**  
**Subject Name: Values and Ethics**

**Type of course: Humanities and social science**

**Prerequisite: English, Literature, History**

**Rationale:** Students of engineering ultimately work for the society and for the nation. Whatever they do must be destined to grow individually as an intellectual which can be useful for the betterment of nation building. It is necessary to develop values of justice, equality, rights and duties as an individual. Students must be aware of the meaning and applicability of ethics and values. This subject covers the topics related classification of values, importance of values and ethics.

**Teaching and Examination Scheme:**

Teaching Scheme			Credits C	Examination Marks				Total Marks
L	T	P		Theory Marks		Practical Marks		
			ESE (E)	PA (M)	ESE (V)	PA (I)		
3	0	0	3	70	30	00	00	100

**Content:**

Sr. No.	Content	Total Hrs
1	Definition and classification of values: Extrinsic values, Universal and Situational values, Physical, Environmental, Sensuous, Economic, Social, Aesthetic, Moral and Religious values.	10
2	Concepts related to values: Purusartha, Virtue, Right, Duty, Justice, Equality, Love and Good.	8
3	Egoism, Altruism and universalism. The Ideal of Sarvodaya and Vasudhaiva Kutumbakam.	8
4	The Problem of Sustenance of value in the process of Social, Political and Technological changes.	8
5	The Problem of hierarchy of values and their choice, The views of Pt. Madan Mohan Malviya and Mahatma Gandhi.	8

**Suggested Specification table with Marks (Theory):**

Distribution of Theory Marks					
R Level	U Level	A Level	N Level	E Level	C Level
30	30	10	10	10	10



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**Legends: R: Remembrance; U: Understanding; A: Application, N: Analyze and E: Evaluate C: Create and above Levels (Revised Bloom's Taxonomy)**

Note: This specification table shall be treated as a general guideline for students and teachers. The actual distribution of marks in the question paper may vary slightly from above table.

### Reference Books:

1. Little, William, : An Introduction of Ethics (allied Publisher, Indian Reprint 1955)
2. William, K Frankena : Ethics (Prentice Hall of India, 1988)
3. Dr. Awadesh Pradhan: Mahamana ke Vichara. (B.H.U., Vanarasi-2007)
4. P L Dhar, RR Gaur, 1990, Science and Humanism, Commonwealth Publishers.
5. A Nagraj, 1998, Jeevan Vidya Ek Parichay, Divya Path Sansthan, Amarkantak.
6. A N Tripathy, 2003, Human Values, New Age International Publishers.
7. E G Seebauer & Robert L. Berry, 2000, Fundamentals of Ethics for Scientists & Engineers , Oxford University Press

**Course Outcomes: Students will be able to.**

Sr. No.	CO statement	Marks % weightage
CO-1	Understand the classification and characteristics of different values.	24%
CO-2	Know the concepts of Purusartha, Virtue, Right, Duty, Justice, Equality, Love and Good.	19%
CO-3	Explain ideals of Sarvodaya and Vasudhaiva Kutumbakam.	19%
CO-4	Understand the Problem of Sustenance of value in the process of Social, Political and Technological changes.	19%
CO-5	Tell the views of Pt. Madan Mohan Malviya and Mahatma Gandhi on values and their choice.	19%

### List of Open Source Software/learning website:

1. <https://ethicsunwrapped.utexas.edu/>