



# GUJARAT TECHNOLOGICAL UNIVERSITY

Program Name: Engineering

Level: Degree

Branch: All

Course / Subject Code : BE01R00141

Course / Subject Name : Universal Human Values

w. e. f. Academic Year:	2024 - 2025
Semester:	I <sup>st</sup> Year
Category of the Course:	HSMC-01

<b>Prerequisite:</b>	Basic understanding of UHV-I from induction program
<b>Rationale:</b>	The Universal Human Values (UHV) course is designed to foster a deeper understanding of the values and principles that are essential for holistic human development by harmonizing with self, family, society, nature and for the global peace at large. The course also encourages students to explore and internalize universal values, such as respect, affection, care, guidance, reverence, glory gratitude and love. So, the course aspires to create a foundation for a harmonious and just society by empowering individuals with the wisdom and values necessary for sustainable meaningful living and promoting the idea of वसुधैव कुटुम्बकम्.

### Course Outcome:

After Completion of the Course, Student will able to:

No	Course Outcomes	RBT Level
01	Understand and explore the content of value education and human values	A
02	Develop a universal approach for self-awareness with correct understanding of reality through the process of self-exploration.	E
03	Inculcate mature understanding for individual's role and responsibility towards family.	E
04	Strengthen interpersonal relationships, sustainability and commit individual's role to society.	E
05	Understand required skills to explore the laws of nature for global harmony	E

\*Revised Bloom's Taxonomy (RBT)

### Teaching and Examination Scheme:

Teaching / Learning Scheme (in Hours per semester)					Total Credits = TH/30	Assessment Pattern and Marks					Total Marks
L	T	P	PBL*	TH		Theory		Tutorial / Practical			
						ESE (E)	PA (M)	PA/ (I)	PBL (I)	ESE (V)	
30	00	00	30	60	02	70	30	00	30	00	130

Where L = Lecture, T= Tutorial, P= Practical, TW/SL = Term-Work / Self-Learning, TH = Total Hours, PA = Progressive Assessment, ESE = End-Semester Examination

\* Problem Based Learning (PBL) aims to accommodate learning beyond syllabus as per clause 9.4 of NBA manual.

w.e.f. 2025-26

<http://syllabus.gtu.ac.in/>



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## Course Content:

Unit No.	Content	No. of Hours	% of Weightage
1.	<b>Unit 1: Introduction to value education &amp; human values</b> 1. Concept, Need and Role of Value Education and Human Values 2. Role of Education in Holistic Development 3. Methods to Satisfy Basic Human Aspirations 4. Basic human aspirations and their fulfillment through value education. 5. The importance of values in decision-making 6. Fundamental universal human values (e.g., truth, love, peace, justice, compassion, etc).	5	15
2.	<b>Unit 2: Harmony with self</b> 1. Importance of self-awareness: Self reflection 2. Who am I? – Imagination & Action 3. Understanding & exploring needs of self and body 4. Self -Exploration – A Process of Fundamental Human Desires – Happiness, Peace and Contentment for Material, Behavioral and Intellectual well Being 5. Holistic understanding of mind & body 6. Famous anecdote and relevant case studies.	5	20
3.	<b>Unit 3: Harmony with family</b> 1. Basic unit of human interaction – The Family 2. Importance of happy relations/connections in family 3. Foundational value: Respect, Affection, Care, Guidance, Reverence, Glory, Gratitude, Love 4. Famous anecdote and relevant case studies.	5	15
4.	<b>Unit 4 Harmony in the Society</b> 1. Understanding Harmony in society and universal human order. 2. Goal of human being living in the society 3. Foundation of Human society: roles of social institutions and impact of societal values. 4. Community building through contributions - trust and cooperation, Community building, social cohesion, equality and social justice 5. Diversity and inclusivity - understanding and Valuing diversity, promoting respect and inclusivity, resolving conflict to build a culture of peace. 6. Famous anecdote and relevant case studies	5	15
5.	<b>Unit – 5 Harmony with Nature</b>	5	15



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	1. Understanding Co-existence with Nature 2. Interdependence of all Living Being and Non-Living Being 3. Environmental Ethics 4. Harmony in Sustainability 5. Understanding and exploring four orders of nature: Physical Order, Pranic Order, Animal Order, Human Order 6. Famous anecdote and relevant case studies		
6.	<b>Unit 6 - Harmony for Global peace</b> 1. Understanding global peace 2. Concept of <i>वसुधैव कुटुम्बकम्</i> - one earth one family 3. Fostering Universal brotherhood and unity, collaborative problem solving, respecting cross cultural communication 4. Famous anecdote and relevant case studies	5	20
	<b>Total</b>	<b>30</b>	<b>100</b>

## Suggested Specification Table with Marks (Theory):

Distribution of Theory Marks (in %)					
R Level	U Level	A Level	N Level	E Level	C Level
22	22	22	17	17	--

Where R: Remember; U: Understanding; A: Application, N: Analyze and E: Evaluate C: Create (as per Revised Bloom's Taxonomy)

## References/Suggested Learning Resources:

### (a) Books:

1. Gaur R. R., Asthana R., Bagaria G. P., *The Textbook A Foundation Course in Human Values and Professional Ethics*, 2nd Revised Edition, Excel Books, New Delhi, 2019. ISBN 978-93-87034-47-1
2. Gaur R. R., Asthana R., Bagaria G. P., *The Teacher's Manual Teachers' Manual for A Foundation Course in Human Values and Professional Ethics*, 2nd Revised Edition, Excel Books, New Delhi, 2019. ISBN 978-93-87034-53-2
3. Nagaraj A., *Jeevan Vidya: EkParichaya*, Jeevan Vidya Prakashan, Amarkantak, 1999.
4. Tripathi A. N., *Human Values*, New Age Intl. Publishers, New Delhi, 2004.
5. Sadhguru, *Relationship: Bond or Bondage*, Jaico Publishing House, Mumbai, 2018
6. Sadhguru, *Inner Engineering: A Yogi's guide to Joy*, Penguin Ananda, 2016
7. Kalam A. P. J. and Tiwari Arun, *Wings of Fire – An Autobiography*, University Press Pvt. Ltd., Hyderabad, 2000



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8. Gandhi Mohandas Karamchand, *The Story of My Experiments with Truth*, Fingerprint Publishing, 2011
9. Nagraj A, *Vyavharwadi Samajshastra (Behavioral Sociology)*, Jeevan Vidya Prakashan, Amarkantank, 2009

**(b) Open source software and website:**

1. [https://drive.google.com/drive/folders/1bmdIH0XAGRfZDM-16yrwnbd7YwqLGXsb?usp=drive\\_link](https://drive.google.com/drive/folders/1bmdIH0XAGRfZDM-16yrwnbd7YwqLGXsb?usp=drive_link) (Suggested anecdotes, short stories, case studies, links and other relevant material for Unit 2,3,4,5 and 6 are available in this link for your reference.)

**• List of suggested activities for Problem Based Learning:**

Sl. No.	Name of the activity	No. of hours	Evaluation Criteria
1	Identify one habit to be transformed and ask student to execute it for 21 days	Activity duration =21 day. Duration= 5 hours	Based on report /Chart/Poster/Presentation submitted
2	Track social media usage: Decide one social media app to be uninstalled from your phone for 15 days.	Activity duration =15 day. Duration= 5 hours	Based on report /Chart/Poster/Presentation submitted
3	To do seva activities at old age home, orphanage home, ,hospital, Cleanliness at school,society,college	Duration =5 hours	Based on report /Chart/Poster/Presentation submitted
4	Prepare a chart of famous failures.	Duration = 5 hours	Based on report /Chart/Poster/Presentation submitted
5	Make a team of 2-3 members .Plan the overall activities to be carried out for tech fest at your college, Make detailed list of activities to be done and budget plan.	Duration =5 hours	Based on report /Chart/Poster/Presentation submitted
6	Introspect and identify at least five scenario where you feel that your actions could be updated based on learning from listening and understanding	Duration =5 hours	Based on report /Chart/Poster/Presentation submitted
7	Sit with your family for 15 minutes a day discuss and share each other's activities(for Total 20 days)	Duration= 5 hours	Based on report /Chart/Poster/Presentation submitted
8	A well-organized plan for managing a <b>college tech fest</b> with a <b>team of 2–3 members</b> , including a <b>detailed list of</b>	Duration =5 hour	Based on report submitted.

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	<b>activities and a budget plan.</b>		
9	Sitting with your family for just <b>15 minutes a day</b> share each other's activities	Activity time = 5 hours (20 days) Report time = 5 hours	Based on report /Chart/Poster/Presentation submitted.
10	Group discussion: <i>What do I owe to my parents?</i> Write a Gratitude Letter to a parent/sibling/friend.	Duration= 1 hour	Based on report /Chart/Poster/Presentation submitted.
11	Prepare a "Personal Vision Statement" or "My Code of Living" booklet	Duration =1 hour	Based on report /Chart/Poster/Presentation submitted.
12	Role-play or skit on miscommunication in relationships and solutions	Duration = 1 hour	Based on report /Chart/Poster/Presentation submitted
13	Community Seva (Service Activity): cleaning, helping elderly, teaching kids, etc. + reflection	Duration= 5 hours	Based on report /Chart/Poster/Presentation submitted
14	Self-Observation Diary: Record thoughts/emotions/actions for 10 days.	Duration = 1 hour	Based on report /Chart/Poster/Presentation submitted
15	Life Vision Journal: Write your 5-year vision—career, health, relationships, contribution. "My Life Compass" Poster: Personal motto, core values, role models, goals.	Duration =1 hour	Based on report /Chart/Poster/Presentation submitted
16	Avoid all social media for 24 hours. Reflect: <i>What did I miss? What did I gain?</i>	Duration =1 hour	Based on report /Chart/Poster/Presentation submitted
17	Review and clean your social media: Unfollow toxic or negative accounts. Follow value-based, positive pages. Reflect: <i>What did I miss? What did I gain?</i>	Duration =1 hour	Based on report /Chart/Poster/Presentation submitted
18	Maintain a log of daily screen/social media usage for 3–5 days. Categorize it into productive vs unproductive time.	Duration =1 hour	Based on report /Chart/Poster/Presentation submitted
19	Organize a physical or virtual tour to a local museum, heritage site, or historical monument.	Duration = 5 hour	Based on report /Chart/Poster/Presentation submitted
20	Students create weekly factsheets or digital posts sharing unknown facts from India's past (science, ethics, literature, and education).	Duration = 5 hour	Based on report /Chart/Poster/Presentation submitted



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21	Watch a documentary (e.g., <i>Bharat Ek Khoj</i> , <i>Science in Ancient India</i> ) and write a reflection on what surprised or inspired them.	Duration =1 hour	Based on report /Chart/Poster/Presentation submitted
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**Note:**

1. All the suggested activity should be related to the subject.
2. The number of hours are suggestive. Faculty can sub-divide the number of hours based on the activity. However, total number of hours is fixed.
3. Rubrics for the evaluation can be prepared by the faculty.

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