

Course Code	21LEM202T	Course Name	UHV-II: Universal Human Values – Understanding Harmony and Ethical Human Conduct	Course Category	M	CREDIT	L	T	P	C
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Pre-requisite Courses	Nil. Desirable : UHV-I: Universal Human Values – Introduction	Co-requisite Courses	Nil	Progressive Courses	Nil
Course Offering Department	Value Education Cell	Data Book / Codes / Standards	Nil		

Course Learning Rationale (CLR):		The purpose of learning this course is to:											
CLR-1 :	Help the students to understand need of value education, appreciate the essential complementarity between 'values' and 'skills' and to ensure sustained happiness and prosperity which are the core aspirations of all human beings.												
CLR-2 :	Help students initiate a process of dialog within themselves to know what they really want to be' in their life and profession.												
CLR-3 :	Help students to understand the meaning of happiness and prosperity for a human being. understanding holistic perspective forms the basis of Universal Human Values and movement towards value-based living in a natural way.												
CLR-4 :	Help students on right understanding of the Human reality and the rest of existence, harmony at all the levels of human living, and live accordingly.												
CLR-5 :	Highlight plausible implications of such a Holistic understanding in terms of ethical human conduct, trustful and mutually fulfilling human behavior and mutually enriching interaction with Nature.												

Program Learning Outcomes (PO)													
1	2	3	4	5	6	7	8	9	10	11	12		
Engineering Knowledge	Problem Analysis	Design /development of solutions	Conduct investigations of complex problems	Modern Tool Usage	The engineer and society	Environment & Sustainability	Ethics	Individual & Team Work	Communication	Project Mgt. & Finance	Life Long Learning		
CO-1:	Evaluate the significance of value inputs in formal education and start applying them in their life and profession	-	-	-	-	-	-	3	2	-	-	3	
CO-2:	Distinguish between values and skills, happiness and accumulation of physical facilities, the Self and the Body, Intention and Competence of an individual, etc.	-	-	-	-	-	-	3	2	-	-	3	
CO-3:	Analyze the value of harmonious relationship based on trust and respect in their life and profession	-	-	-	-	-	-	3	2	-	-	-	
CO-4:	Examine the role of a human being in ensuring harmony in society and nature.	-	-	-	-	2	2	3	-	-	-	3	
CO-5:	Apply the understanding of ethical conduct to formulate the strategy for ethical life and profession.	-	-	-	-	-	-	3	2	-	-	3	

Unit-1 : Introduction-Basic Human Aspiration, its fulfillment through All- encompassing Resolution	9 Hour
The basic human aspirations and their fulfillment through Right understanding and Resolution, Right understanding and Resolution as the activities of the Self, Self being central to Human Existence; All-encompassing Resolution for a Human Being, its details and solution of problems in the light of Resolution	
Unit-2: Right Understanding (Knowing)- Knower, Known & the Process	9 Hour
The domain of right understanding starting from understanding the human being (the knower, the experiencer and the doer) and extending up to understanding nature/existence – its interconnectedness and co-existence; and finally understanding the role of human being in existence (human conduct).	
Unit-3: Understanding Human Being	9 Hour
Understanding the human being comprehensively as the first step and the core theme of this course; human being as co-existence of the self and the body; the activities and potentialities of the self; Basis for harmony/contradiction in the self	
Unit-4: Understanding Nature and Existence	9 Hour
A comprehensive understanding (knowledge) about the existence, Nature being included; the need and process of inner evolution (through self-exploration, self- awareness and self-evaluation), particularly awakening to activities of the Self: Realization, Understanding and Contemplation in the Self (Realization of Co-Existence, Understanding of Harmony in Nature and Contemplation of Participation of Human in this harmony/ order leading to comprehensive knowledge about the existence).	

Unit-5: Understanding Human Conduct, All-encompassing Resolution & Holistic Way of Living	9 Hour
Understanding Human Conduct, different aspects of All-encompassing Resolution (understanding, wisdom, science etc.), Holistic way of living for Human Being with All- encompassing Resolution covering all four dimensions of human endeavor viz., realization, thought, behavior and work (participation in the larger order) leading to harmony at all levels from Self to Nature and entire Existence	

Learning Resources	<ol style="list-style-type: none"> 1. Gaur R.R., Sangal R., Bagaria G.P., 2019 (2nd Revised Edition), A Foundation Course in Human Values and Professional Ethics, Excel Books, New Delhi. 2. Ivan Illich, 1974, Energy & Equity, The Trinity Press, Worcester, and Harper Collins, USA 3. E.F. Schumacher, 1973, Small is Beautiful: a study of economics as if people mattered, Blond & Briggs, Britain. 4. Sussan George, 1976, How the Other Half Dies, Penguin Press. Reprinted 1986, 1991 5. Donella H. Meadows, Dennis L. Meadows, Jorgen Randers, William W. Behrens III, 1972, Limits to Growth – Club of Rome's report, Universe Books. 6. A Nagraj, 1998, Jeevan Vidya EkParichay, Divya Path Sansthan, Amarkantak. 7. P L Dhar, RR Gaur, 1990, Science and Humanism, Commonwealth Publishers. 	<ol style="list-style-type: none"> 8. A N Tripathy, 2003, Human Values, New Age International Publishers. 9. Subhas Palekar, 2000, How to practice Natural Farming, Pracheen (Vaidik) Krishi Tantra Shodh, Amravati. 10. E G Seebauer & Robert L. Berry, 2000, Fundamentals of Ethics for Scientists & Engineers, Oxford University Press 11. M Govindrajran, S Natrajan & V.S. Senthil Kumar, Engineering Ethics (including Human Values), Eastern Economy Edition, Prentice Hall of India Ltd. 12. B P Banerjee, 2005, Foundations of Ethics and Management, Excel Books. 13. B L Bajpai, 2004, Indian Ethos and Modern Management, New Royal Book Co., Lucknow. Reprinted 2008.
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	Bloom's Level of Thinking	Continuous Learning Assessment (CLA)					
		Formative CLA-1 Average of unit test (30%)		Life Long Learning CLA-2 – (50%)		Summative (20%)	
		Theory	Practice	Theory	Practice	Theory	Practice
Level 1	Remember	30%	-	-	-	-	-
Level 2	Understand	40%	-	-	20%	-	20%
Level 3	Apply	30%	-	-	20%	-	20%
Level 4	Analyze	-	-	-	30%	-	30%
Level 5	Evaluate	-	-	-	30%	-	30%
Level 6	Create	-	-	-	-	-	-
	Total	100 %		100 %		100%	

Course Designers

Experts from Industry

1.

Experts from Higher Technical Institutions

1.

2.

Internal Experts

1.Dr.P.Supraja, SRMIST