

# PANIPAT INSTITUTE OF ENGINEERING & TECHNOLOGY

## Department of Mechanical Engineering

### LESSON PLAN

Subject Name: - Universal Human Values II: Understanding Harmony

Subject Code: - HTM-901A

Year: - 3<sup>rd</sup>

Semester: - 5<sup>th</sup>

Lecture No	Unit No	Topic	References
1	I	<b><u>Module-1: Course Introduction: Need, Basic Guidelines, Content and Process for Value Education</u></b>	Human Values and Professional Ethics by R R Gaur, R Sangal, G P Bagaria, Excel Books
2		Purpose and motivation for the course, recapitulation from Universal Human Values-I	Human Values and Professional Ethics by R R Gaur, R Sangal, G P Bagaria, Excel Books
3		Self-Exploration: Meaning, content and process. Natural Acceptance and Experiential Validation as the process for self-exploration	Human Values and Professional Ethics by R R Gaur, R Sangal, G P Bagaria, Excel Books
4		Continuous Happiness and Prosperity- A look at basic Human Aspirations	Human Values and Professional Ethics by R R Gaur, R Sangal, G P Bagaria, Excel Books
5		Right understanding, Relationship and Physical Facility: the basic requirements for fulfilment of aspirations of every human being with their correct priority	Human Values and Professional Ethics by R R Gaur, R Sangal, G P Bagaria, Excel Books
6		Understanding Happiness and Prosperity correctly- A critical appraisal of the current scenario	Human Values and Professional Ethics by R R Gaur, R Sangal, G P Bagaria, Excel Books
7		Method to fulfil the above human aspirations: understanding and living in harmony at various levels.	Human Values and Professional Ethics by R R Gaur, R Sangal, G P Bagaria, Excel Books
8		Practice sessions to discuss natural acceptance in human being	Human Values and Professional Ethics by R R Gaur, R Sangal, G P Bagaria, Excel Books
9		Practice sessions to discuss natural acceptance in human being	Human Values and Professional Ethics by R R Gaur, R Sangal, G P Bagaria, Excel Books
10		II	<b><u>Module 2: Understanding Harmony in the Human Being - Harmony in Myself!</u></b>

		<b>Understanding human being as a co-existence of the sentient ‘I’ and the material Body</b>	P Bagaria, Excel Books
11		Understanding the needs of Self (‘I’) and ‘Body’ - happiness and physical facility	Human Values and Professional Ethics by R R Gaur, R Sangal, G P Bagaria, Excel Books
12		Understanding the Body as an instrument of ‘I’ (I being the doer, seer and enjoyer)	Human Values and Professional Ethics by R R Gaur, R Sangal, G P Bagaria, Excel Books
13		Understanding the characteristics and activities of ‘I’ and harmony in ‘I’	Human Values and Professional Ethics by R R Gaur, R Sangal, G P Bagaria, Excel Books
14		Understanding the harmony of I with the Body: Sanyam and Health; correct appraisal of Physical needs, meaning of Prosperity in detail	Human Values and Professional Ethics by R R Gaur, R Sangal, G P Bagaria, Excel Books
15		Programs to ensure Sanyam and Health.	Human Values and Professional Ethics by R R Gaur, R Sangal, G P Bagaria, Excel Books
16		Practice sessions to discuss the role others have played in making material goods available to me	Human Values and Professional Ethics by R R Gaur, R Sangal, G P Bagaria, Excel Books
17		Differentiate between prosperity and accumulation. Discuss program for ensuring health vs dealing with disease	Human Values and Professional Ethics by R R Gaur, R Sangal, G P Bagaria, Excel Books
18	III	<b><u>Module 3: Understanding Harmony in the Family and Society- Harmony in Human-Human Relationship</u></b> <b>Understanding values in human-human relationship; meaning of Justice (nine universal values in relationships) and program for its fulfilment to ensure mutual happiness; Trust and Respect as the foundational values of relationship</b>	Human Values and Professional Ethics by R R Gaur, R Sangal, G P Bagaria, Excel Books
19		Understanding the meaning of Trust; Difference between intention and competence	Human Values and Professional Ethics by R R Gaur, R Sangal, G P Bagaria, Excel Books
20		Understanding the meaning of Respect, Difference between respect and differentiation; the other salient values in	Human Values and Professional Ethics by R R Gaur, R Sangal, G P Bagaria, Excel Books

		relationship	
21		Understanding the harmony in the society (society being an extension of family): Resolution, Prosperity, fearlessness (trust) and co-existence as comprehensive Human Goals	Human Values and Professional Ethics by R R Gaur, R Sangal, G P Bagaria, Excel Books
22		Visualizing a universal harmonious order in society- Undivided Society. Universal Order - from family to world family.	Human Values and Professional Ethics by R R Gaur, R Sangal, G P Bagaria, Excel Books
23		Practice sessions to reflect on relationships in family, hostel and institute as extended family, real life examples, teacher-student relationship, goal of education etc.	Human Values and Professional Ethics by R R Gaur, R Sangal, G P Bagaria, Excel Books
24		Gratitude as a universal value in relationships. Discuss with scenarios. Elicit examples from students' lives	Human Values and Professional Ethics by R R Gaur, R Sangal, G P Bagaria, Excel Books
25	IV	<b><u>Module 4: Understanding Harmony in the Nature and Existence - Whole existence as Coexistence</u></b> <b>Understanding the harmony in the Nature</b>	Human Values and Professional Ethics by R R Gaur, R Sangal, G P Bagaria, Excel Books
26		Interconnectedness and mutual fulfilment among the four orders of nature - recyclability and self - regulation in nature.	Human Values and Professional Ethics by R R Gaur, R Sangal, G P Bagaria, Excel Books
27		Understanding Existence as Co-existence of mutually interacting units in all-pervasive space	Human Values and Professional Ethics by R R Gaur, R Sangal, G P Bagaria, Excel Books
28		Holistic perception of harmony at all levels of existence	Human Values and Professional Ethics by R R Gaur, R Sangal, G P Bagaria, Excel Books
29		Practice sessions to discuss human being as cause of imbalance in nature, pollution, depletion of resources and role of technology etc	Human Values and Professional Ethics by R R Gaur, R Sangal, G P Bagaria, Excel Books
30		V	<b><u>Module 5: Implications of the above Holistic Understanding of Harmony on Professional Ethics - Natural acceptance of human values</u></b>
31	Definitiveness of Ethical Human Conduct		Human Values and Professional Ethics by R R Gaur, R Sangal, G P Bagaria, Excel Books
32	Basis for Humanistic Education, Humanistic		Human Values and Professional

		Constitution and Humanistic Universal Order	Ethics by R R Gaur, R Sangal, G P Bagaria, Excel Books
33		Competence in professional ethics: a. Ability to utilize the professional competence for augmenting universal human order b. Ability to identify the scope and characteristics of people- friendly and eco-friendly production systems, c. Ability to identify and develop appropriate technologies and management patterns for above production systems.	Human Values and Professional Ethics by R R Gaur, R Sangal, G P Bagaria, Excel Books
34		Case studies of typical holistic technologies, management models and production systems	Human Values and Professional Ethics by R R Gaur, R Sangal, G P Bagaria, Excel Books
35		Strategy for transition from the present state to Universal Human Order: a. At the level of individual: as socially and ecologically responsible engineers, technologists and managers b. At the level of society: as mutually enriching institutions and organizations	Human Values and Professional Ethics by R R Gaur, R Sangal, G P Bagaria, Excel Books
36		Sum up of program	Human Values and Professional Ethics by R R Gaur, R Sangal, G P Bagaria, Excel Books
37		Practice Exercises and Case Studies to discuss the conduct as an engineer or scientist etc	Human Values and Professional Ethics by R R Gaur, R Sangal, G P Bagaria, Excel Books
38		Revision	
39		Revision	
40		Revision	
41		Revision	

**Text Books:**

1. Human Values and Professional Ethics by R R Gaur, R Sangal, G P Bagaria, Excel Books, New Delhi, 2010

**Reference Books:**

1. Jeevan Vidya: Ek Parichaya, A Nagaraj, Jeevan Vidya Prakashan, Amarkantak, 1999.
2. Human Values, A.N. Tripathi, New Age Intl. Publishers, New Delhi, 2004.
3. The Story of Stuff (Book).

4. The Story of My Experiments with Truth - by Mohandas Karamchand Gandhi
5. Small is Beautiful - E. F Schumacher.
6. Slow is Beautiful - Cecile Andrews
7. Economy of Permanence - J CKumarappa
8. Bharat Mein Angreji Raj - PanditSunderlal
9. Rediscovering India - by Dharampal
10. Hind Swaraj or Indian Home Rule - by Mohandas K. Gandhi
11. India Wins Freedom - Maulana Abdul Kalam Azad
12. Vivekananda - Romain Rolland (English)
13. Gandhi - Romain Rolland (English)