Course Code	21LEM 201T	Course Name	Professional Ethics	Course Category	*H*	*H S*	L	T	P	C
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Pre-requisite Courses	*Nil*	Co-requisite Courses	*Nil*	Progressive Courses	*Nil*
Course Offering Department	*English and Foreign Languages*	Data Book / Codes/Standards	*NA*		

Course Learning Rationale (CLR):	*The purpose of learning this course is to:*
CLR-1 :	*To connect the learners to their potential - understand moral, professional and personal values*
CLR-2 :	*To introduce the learners to professional ethics and to enable them towards decision making skills*
CLR-3 :	*To draw the learners' attention towards business ethics*
CLR-4 :	*To strengthen and enhance professional ethics through psychological approach*
CLR-5 :	*To cultivate a spirit of working in diverse world by understanding workplace ethics*
CLR-6 :	*To instill a sense of professional ethics which help them develop a safe comfortable and prosperous and sustainable society*

Course Learning Outcomes (CLO):	*At the end of this course, learners will be able to:*	Learning			Program Learning Outcomes (PLO)														
		1	2	3	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		Level of Thinking (Bloom)	Expected Proficiency (%)	Expected Attainment (%)	Engineering Knowledge	Problem Analysis	Design & Development	Analysis, Design, Research	Modern Tool Usage	Society & Culture	Environment & Sustainability	Ethics	Individual & Team Work	Communication	Project Mgt. & Finance	Life Long Learning	PSO - 1	PSO - 2	PSO - 3
CLO-1 :	*Equip themselves with an understanding of moral, professional and personal values*				-	-	-	-	-	-	-	3	-	-	-	3	-	-	-
CLO-2 :	*understand the need of ethics in shaping their profession The learners will hone their decision-making skills.*				-	-	-	-	-	-	-	3	2	-	-	3	-	-	-
CLO-3 :	*refine their business ethics based on psychological and philosophical perspective.*				-	-	-	-	-	-	1	2	-	-	-	3	-	-	-
CLO-4 :	*have an edge over the ethical systems in workplace.*				-	-	-	-	-	-	-	3	2	-	-	3	-	-	-
CL0-5 :	*assess the need for a balance between ecology, engineering and economy*				-	-	-	-	-	2	3	3	-	-	-	3	-	-	-
CLO-6 :	*Equip themselves with a better understanding of themselves and the society they live in and the responsibilities they shoulder in creating a sustainable world.*				-	-	-	-	-	3	3	3	-	-	-	3	-	-	-

Unit 1: Introduction: Individual and Professional Ethics

Introduction to Professional Ethics, Morals, Values and Ethics – Personal and Professional- Sensé of Engineering Ethics – Code of Ethics by NSPE - Making decisions with ethical dimensions – definition – roadmap to ethical decision making – common standards – internal obstacles – bias – empathy

Unit 2: Business Ethics

Philosophical approaches to Business Ethics – ethical reasoning – ethical issues in business - Social Responsibility of Business- conflict of interest – cultural relativism - Ethical leadership - Resisting un-ethical authority and domination - Global Business Ethics

Unit 3: Psychological Approaches

Ethical Theories - Psychological and Philosohpical approaches - Myths about Morality - conflict of interest in psychological perspective - Courage-Integrity – ethical dilemma – Emotional Intelligence

Unit 4: Workplace Ethics

Ethics in changing domains of Research – academic integrity – intellectual honesty - Role of Engineers and Managers - Ethical issues in Diverse workplace – competition – free will - Confidentiality – employee rights – Intellectual property rights – discrimination

Unit 5: Safety, Responsibilities and Rights

Ecology, Engineering, Economy - Risk benefit analysis and reducing risk SDGs – Corporate social responsibility and Corporate Sustainability - CSR in India - Sustainability Case Studies

Learning Resources:

1. Subramanian.R. *Professional Ethics*, Oxford Publication, 2013.
2. Nagarasan. R.S. *Professional Ethics and Human Values*. New Age International Publications, 2006.
3. Mike W Martin and Roland Schinzinger, *Ethics in Engineering*,4th edition, Tata McGraw Hill Publishing Company Pvt Ltd, New Delhi,2014
4.https://soaneemrana.org/onewebmedia/Professional%20Ethics%20and%20Human%20Values%20by%20R.S%20NAAGARAZAN.pdf
5. https://www.nspe.org/resources/ethics/code-ethics
6. https://www.toolshero.com/tag/ethical-decision-making/
7. https://pagecentertraining.psu.edu/public-relations-ethics/introduction-to-public-relations-ethics/lesson-1/ethical-theories/
8. https://www.ewh.ieee.org/soc/pes/switchgear/presentations/tp_files/2017-1_Thurs_Shiffbauer_Singer_Engineering_Ethics.pdf
9. https://peer.asee.org/case-studies-in-engineering-ethics.pdf

	Bloom's Level of Thinking	Continuous Learning Assessment (CLA) - By the Course Faculty			
		Formative CLA-1 (20%)	**Life Long Learning** CLA-2 (60%)	**Report and Viva-Voce** (CLA -3 20%)	**Final Examination** (0% weightage)
		Theory	Theory	Theory	Theory
Level 1	Remember	30%	20%	20%	-
Level 2	Understand	40%	20%	20%	-
Level 3	Apply	30%	30%	30%	-
Level 4	Analyze	-	30%	30%	-
Level 5	Evaluate	-		-	-
Level 6	Create	-		-	-
	Total	100 %	100 %	100 %	-

Course Designer

a) Experts from Industry	b) Experts from Higher Technical Institutions	c) Internal Experts
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