

NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI

This course outline template acts as a guide for writing your course outline. As every course is different, please feel free to amend the template/ format to suit your requirements.

COURSE OUTLINE TEMPLATE			
Course Title	Professional Ethics		
Course Code	HSIR14	No. of Credits	3
Department	Chemical engineering	Faculty	Dr. Selvakumaran.P
Pre-requisites Course Code	Basic Engineering		
Course Coordinator(s) (if, applicable)			
Other Course Teacher(s)/Tutor(s) E-mail	pskumaran9454@gmail.com	Telephone No.	9443249275 0431-2513610
Course Type	<input checked="" type="checkbox"/> ★ Core course <input type="checkbox"/> Elective course		
COURSE OVERVIEW			
<p>Values and Ethics – Integrity – Work ethic – Service learning – Civic virtue – Respect for others –Living peacefully – Caring – Sharing – Honesty – Courage – Valuing time–Cooperation –Commitment – Empathy – Self confidence – Character – Spirituality.</p> <p>Engineering as experimentation - engineers as responsible experimenters - codes of ethics - a balanced outlook on law, The code of ethics for engineers - - Fundamental principles</p> <p>Senses of ‘Engineering Ethics’ – Variety of moral issues – Types of inquiry – Moral dilemmas – Moral Autonomy – Kohlberg’s theory – Gilligan’s theory – Consensus and Controversy – Models of professional roles - Theories about right action – Self-interest – Customs and Religion – Uses of Ethical Theories</p> <p>Computer Ethics-Introduction- what is computer ethics- Categories of computer ethics-computer code of ethics</p>			
COURSE OBJECTIVES			
To create awareness on Engineering Ethics and Human Values and Morals			
COURSE OUTCOMES (CO)			
Course Outcomes	Aligned Programme Outcomes (PO)		
1. Recognize human values, Engineer’s responsibility,			

Employee rights.
 2. Instill Moral and Social Values and Loyalty.
 3. Appreciate the rights of others

COURSE TEACHING AND LEARNING ACTIVITIES

S.No.	Week	Topics	Mode of Delivery
1) 2) 3)	4 hours per week	As under course overview	-Power Point presentations using computer & Projector -Interactive Lecture -Notes in adobe PDF -Question bank –in advance

S.No.	Mode of Assessment	Week/Date	Duration	% Weightage
1)	Assignment-2Nos			0 marks
2)	Cycle test-1		2/3 hrs	25 marks
3)	Cycle test-2		2 /3hrs	25 marks
4)	Final test- end semester exams		3 hrs	50 marks

ESSENTIAL READINGS : Textbooks, reference books Website addresses, journals, etc

- 1) A text book on Professional ethics and Human values- R.S. Naagarazan- New age international (p) limited, publishers-Indian Author
- 2) Professional ethics and Human values-V.Jayakumar-Lakshmi Publications- Indian Author
- 3) Engineering Ethics- Concepts and Cases- Charles E. Harris- Thompson Wadsworth, A Division of Thomson Learning Inc.,United States
- 4) Engineering Ethics- Charles B. Fleddermann- Prentice Hall
- 5) Introduction To Engineering Ethics- Mike W. Martin Roland Schinzinger- McGraw-Hill

COURSE EXIT SURVEY (mention the ways in which the feedback about the course is assessed and indicate the attainment also)

From students
From class co-ordinators
From HOD

COURSE POLICY (including plagiarism, academic honesty, attendance, etc.)

Attendance obtained by E mails from class co-ordinators

ADDITIONAL COURSE INFORMATION

eg.: The Course Coordinator is available for consultation at times that are displayed on the coordinator's office notice board. Queries may also be emailed to the Course Coordinator directly at -----

FOR SENATE'S CONSIDERATION

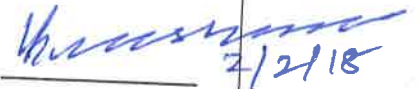


Course Faculty _____

CC-Chairperson _____

(Dr. S. SARAVANAN)

HOD _____



2/2/18