



Course Introduction and Contribution

The Department of English offers two courses of Ethics: 1) Ethics and Values-BELH-0006, and 2) Research and Publication Ethics-PREC-0010. The first course is taught to undergraduate and postgraduate students. All the engineering branches (Computer Engineering, BCA and their specialization such as IoT, ML, AI, Civil Engineering, Electronics, Electronics and Communication, and Mechanical Engineering) and postgraduate students of Computer Application (MCA) students develop their knowledge and skillset the first course. Students are trained in Ethical Decision Making to use their expertise for personal, professional and social developments. Moreover, it shapes their logical-critical-thinking and trains them in problem-solving skills to professionally compete very well.

On the other hand, the second course is taught to all the research scholars enrolled in a PhD programme at the University. It develops a philosophical knowledge, logical understanding and ethics for developing quality research. It expands the rationality and critical thinking to improvise the problem-solving. It is to cultivate the scientific temperament, philosophical approach, and ethical attitude needed for quality research.

The contribution is well-founded. It prepares students as moral persons, competent professionals, good social beings and ethical researchers who can contribute to nations and the world by their intellectual honesty and research integrity.

Course Syllabus

BELH-0006 ETHICS & VALUES

Credits: 02

Semester III/IV

L–T–P: 2–0–0

Objectives:

The course aims to develop a logical understanding of morality and society.

It aims to develop a critical perspective of the assumptions and prejudices which we use in decision making process.

It is to foster the understanding of professional ethics. It is to train students to rationalize the problems of life and profession to learn problem solving and decision making skills.

It is to help students in identifying normative commitments of technological knowledge.

Module No.	Content	Teaching Hours
I	Conceptual Foundations: Foundations of Morality; Professional Ethics; Professional Standards in Engineering Practice; Major Theories of Ethics and Different Ethical Approaches; Normativity of Science and Technology Professions and Moral Dilemmas: Contemporary Ethical Issues; Conflict of Interests; Contracts; Rights and Violations; Consent and Dissent; Privacy and Confidentiality; Consultancy; Allocation of Burdens and Benefits; Direct and Indirect Responsibility; Patents, Piracy and Clones	14
II	Decision Making : Theoretical Bases; Foundational Values; Greater Welfare Approach; Risk-Benefit Analysis; Right-based Approach; Priority Allocation; Binding Grounds of Decisions; Public Norms and Professional Guidelines	14
III	Social Responsibility: Individual and Collective Responsibility; Corporate Social Responsibility; Justice and Fairness; Beneficence and Safety; Respect for Humanity, Life, and Nature; Sustainable Development	11

References:

References:

- 1) Sandel J. Michael, Justice: What's Right Thing to Do? , Penguin Press.
- 2) <https://www.google.co.in/#q=references+for+Kantianism%2C+Libertarianism+and+Virtue+Theory>
- 3) <http://people.wku.edu/jan.garrett/350/350ethry.htm>
- 4) http://en.wikipedia.org/wiki/Deontological_ethics
- 5) http://www.blackwellreference.com/public/tocnode?id=g9780631201199_chunk_g978063120119917
- 6) <http://www.oxfordscholarship.com/view/10.1093/acprof:oso/9780195395686.001.0001/acprof-9780195395686-chapter-11>
- 7) <http://www.iep.utm.edu/libertar/>
- 8) http://en.wikipedia.org/wiki/A_Theory_of_Justice
- 9) <http://gelaam.org/uploads/2/7/9/2/2792936/justice.pdf>
- 10) <http://www.youtube.com/watch?v=kBdfcR-8hEY>
- 11) <http://www.youtube.com/watch?v=0O2Rq4HJBxw>
- 12) <http://www.youtube.com/watch?v=Qw4l1w0rkjs>
- 13) <http://www.youtube.com/watch?v=MGyygiXMzRk>
- 14) <http://www.youtube.com/watch?v=KqzW0eHzDSQ>
- 15) <http://www.youtube.com/watch?v=8rv-4aUbZxQ>
- 16) <http://www.youtube.com/watch?v=AUhReMT5uqA>
- 17) <http://www.youtube.com/watch?v=18IHldzt6bU&list=PLF2900CF84737E005>
- 18) <https://www.facebook.com/HarvardJustice>
- 19) Teaching Ethics, Corporate
<https://www.youtube.com/watch?v=1VYym9IdykQ>
- 20) Joy Story: Ethical Dilemma: <https://www.youtube.com/watch?v=ZQGuVKHtrxc>
- 21) Emotional Intelligence: <https://www.youtube.com/watch?v=zSZkIhTNgeM>
- 22) Humility: Homeless Lady : <https://www.youtube.com/watch?v=55WC5G9mj0Y>
- 23) Car Sale: <https://www.youtube.com/watch?v=6BfFzCyDf0M>
- 24) Honesty: <https://www.youtube.com/watch?v=-L1IekaejfU>
- 25) Universal Basic Income: https://www.youtube.com/watch?v=W2Xv_9vSDE8

Case Studies: Personal and Professional Ethics

- 1) A Violation of Privacy :
<https://www.scu.edu/ethics/focus-areas/more/engineering-ethics/engineering-ethics-cases/a-violation-of-privacy/>
- 2) Ship or Not to Ship :
<https://www.scu.edu/ethics/focus-areas/more/engineering-ethics/engineering-ethics-cases/to-ship-or-not-to-ship/>
- 3) Copyright Concerns
<https://www.scu.edu/ethics/focus-areas/more/engineering-ethics/engineering-ethics-cases/copyright-concerns/>
- 4) Going Public:

<https://www.scu.edu/ethics/focus-areas/more/engineering-ethics/engineering-ethics-cases/going-public/>

5) **May Be Truth With You:**

<https://www.scu.edu/ethics/focus-areas/more/engineering-ethics/engineering-ethics-cases/may-the-truth-be-with-you/>

Outcomes: The Students taking the course can potentially develop:

Profound Ethical Decision Making Skills.

The enhanced ability to understand the ethical problems of personal, social & professional life.

Well constructed professional approach to rationalize life issues through developed life-skills.

Improved Decision Making Ability, Understanding of Professional Ethics & Development of Ethical Attitude.

Course Syllabus
Research and Publication Ethics: PREC0010

Credits: 02

Semesters I

L–T–P: 2–0–0

Objectives:

- The course aims to develop a philosophical understanding.
- It develops the logical understanding and ethical decision making
- It expands the rationality and critical thinking to improvise the problem-solving.
- It is to cultivate the scientific temperament, philosophical approach and ethical attitude which are much needed for quality research.
- It is to give an exposure to the scholars of various fields to understand the philosophy of research, publication ethics, understanding scientific conduct and publication misconduct.
- It is to enable scholars to understand various concepts relating to open access publishing, ethical tools, using research databases and metrics.

Module No.	Content	Teaching Hours
RPE 01	Philosophy and Ethics Introduction to Philosophy: definition, nature and scope, concept, branches Ethics: Definition, moral philosophy, nature of moral judgments and reactions.	4 hrs
RPE02	Scientific Conduct Ethics for science and research, Intellectual honesty and research integrity, Scientific misconducts: Falsification, Fabrication and Plagiarism (FFP), Redundant publications: duplicate and overlapping publications, salami slicing, Selective reporting and misrepresentation of data	4 hrs
RPE03	Publication Ethics Publication ethics: definition, introduction and importance Best practices/standards-setting initiatives and guidelines: Committee on Publication Ethics (COPE);, World Association of Medical Editors (WAME) etc. Conflicts of interest, Publication misconduct: Definition, concept, problems that lead to unethical behavior and vice versa, types, Violation of publication ethics, authorship and contributorship, Identification of publication misconduct, complaints and appeals, Predatory publishers and journals	7 hrs
RPE04	Open Access Publishing (4hrs)	4 hrs

	Open access publications and initiatives, SHERPA/RoMEO online resource to check publisher copyright & self-archiving policies, a Software tool to identify predatory publications developed by SPPU: UGC-CARE list of journals, Journal finder/journal suggestion tools viz. JANE, Elsevier Journal Finder, Springer Journal Suggester, etc.	
REP05	Publication Misconduct, Group discussions (2 hrs) Subject-specific ethical issues, FFP, authorship, Conflicts of interest, Complaints and appeals: examples and fraud from India and abroad, Software tools (2 hrs) Use of reference management software like Mendeley, Zotero etc. and anti-plagiarism software like Turnitin, Urkund	4 hrs
REP06	Databases and research metrics (7 hrs) Databases (4hrs): Indexing databases, Citation databases: Web of Science, Scopus etc. Research Metrics (3hrs): Impact factor of a journal as per Journal Citation Report, SNIP, SJR, IPP, Cite-Score, Metrics: h-index, g-index, i-10 index, altmetrics	7hrs

Outcomes:

- The scholars will be much competent in understanding the ideas of research.
- They will develop a philosophical and ethical attitude to understand the importance of the research.
- They will have the scientific temperament to deal with the research issues.
- They will avoid misconduct in research and publication.
- It will enable them to use various tools, software, databases and research metrics.
- They will be informed, scientific and ethical in their research attitude and will be equipped with the specialized knowledge to use software and tools.

References:

1. **Think: A Compelling Introduction to Philosophy**, by Simon Blackburn.
2. <https://www.youtube.com/watch?v=IvwkMxgahA4>
3. Logical Positivism: <https://www.youtube.com/watch?v=VAqicPNeKY0>
4. https://www.youtube.com/watch?v=1A_CAkYt3GY
5. <https://www.slideshare.net/LorraineSiscar/nature-of-philosophy>
6. <https://plato.stanford.edu/entries/vienna-circle/>
7. <https://plato.stanford.edu/entries/logical-empiricism/>
8. <https://lucidphilosophy.com/1019-2/>
9. <https://www.slideshare.net/clhendricksbc/judith-jarvis-thomson-the-trolley-problem>
10. Publication Misconduct, <https://www.youtube.com/watch?v=fGgwNCIHjCo>
11. Publication Ethics & Scientific Writing
<https://www.youtube.com/watch?v=QsMylCHYm4E>
12. Open Access Publishing: <https://www.youtube.com/watch?v=n1ZySivYQ3w>