

**VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS), HYDERABAD**  
**DEPARTMENT OF HUMANITIES & SOCIAL SCIENCES**

**COURSE NAME-HUMAN VALUES AND PROFESSIONAL ETHICS-II**  
 (Common to all branches) SYLLABUS FOR B.E. 2/4 - III & IV SEMESTER

**W.E.F-2024-2025**

<b>Instruction: 1 Hour</b>	<b>SEE: 30</b>	<b>Course code: U23HS030EH</b>
<b>Credits: 1</b>	<b>CIE: 40</b>	<b>Duration of SEE: 2 Hours</b>
<b>COURSE OBJECTIVES</b> <b>The course will enable the learners to:</b> <ol style="list-style-type: none"> <li>1. Create an awareness on the interrelation between Society, Ethics and Human Values</li> <li>2. Understand how ethical dilemmas apply to real life scenarios</li> <li>3. Develop ethical human conduct and professional competence</li> <li>4. Understand the role of good ethical practices and apply it in a project</li> </ol>		<b>COURSE OUTCOMES</b> <b>At the end of the course the learners will be able to: -</b> <ol style="list-style-type: none"> <li>1. Identify ethical risks in everyday life and in societies that can lead to unethical choices, such as structures that diffuse responsibility or a group that has collectively de-stigmatized unethical behaviour</li> <li>2. Identify ethical concerns in research and intellectual contexts, including academic integrity, use and citation of sources, and the objective presentation of data.</li> <li>3. Assess their own ethical values and the social context of problems and articulate what makes a particular course of action ethically defensible</li> <li>4. Demonstrate knowledge of ethical values in non-classroom activities, such as service learning, internships, and field work integrate, synthesize, and apply knowledge of ethical dilemmas and resolutions in academic settings, including focused and interdisciplinary research</li> </ol>

### **UNIT1 - NORMATIVE ETHICS & SOCIETAL ETHICS**

This unit deals with normative ethics, the branch of moral philosophy, or ethics, concerned with criteria of what is morally right and wrong. It includes the formulation of moral rules that have direct implications for what human actions, institutions, and ways of life should be like. This unit also covers societal ethics which is the systematic reflection on the moral dimensions of social structures, systems, issues, and communities.

- 1.1 Ethical Decision-Making Frameworks
- 1.2 Emerging Ethical Challenges
- 1.3 Building a Just Society

### **UNIT 2 - PROFESSIONAL ETHICS - NEED FOR ETHICAL CODES**

This unit covers the code of Professional Ethics- it is designed to ensure that students learn the necessary skills that groom them to behave like employees should, one that is socially acceptable and respectful of one another. It establishes the rules for behavior and sends a message to every employee that universal compliance is expected.

- 2.1 The Importance of Ethical Conduct
- 2.2 Personal & Professional Accountability
- 2.3 Maintaining Public Confidence
- 2.4 Understanding Ethical Codes

### **UNIT 3 - PRIVACY**

This unit covers "Cyber ethics" - the code of responsible behavior on the Internet. Just as we are taught to act responsibly in everyday life with lessons such as "Don't take what doesn't belong to you" and "Do not harm others," we must act responsibly in the cyber world as well.

The basic rule is "Do not do something in cyberspace that you would consider wrong or illegal in everyday life."

- 3.1 Defining Privacy
- 3.2 Privacy in the Digital Age
- 3.3 The Ethics of Surveillance

## UNIT 4- Engineering Ethics for Future Innovators

This unit equips students, the future innovators of tomorrow, with a foundation in engineering ethics. Students will explore the ethical responsibilities engineers hold regarding safety, public well-being, and sustainability. Real-world scenarios and case studies will be examined to understand how ethical considerations impact engineering decisions.

- 4.1 Safety and Public Welfare
- 4.2 Sustainability and Environmental Impact
- 4.3 The Ethics of New Technologies

### MODE OF DELIVERY

<ul style="list-style-type: none"> <li>• Questionnaires</li> <li>• Quizzes</li> <li>• Case-studies</li> <li>• Observations and practice</li> <li>• Home and classroom assignments</li> </ul>	<ul style="list-style-type: none"> <li>• Discussions</li> <li>• Skits</li> <li>• Short Movies/documentaries</li> <li>• Team tasks and individual tasks</li> <li>• Research based tasks</li> <li>• Project</li> </ul>
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### Relevant Websites, CD's and Documentaries

- <https://plato.stanford.edu/>

### Learning Resources:

- learn.talentsprint.com
1. Moral Machines: Ethical Robotics and Artificial Intelligence by Wendell Wallach
  2. Thinking Like an Engineer: Studies in the Ethics of a Profession by Paul Dufour
  3. Engineering Ethics: Contemporary and Enduring Debates by Deborah G. Johnson
  4. Engineering Ethics: Concepts and Cases by Charles E. Harris, Michael S. Pritchard, Michael J. Rabins, Ray James, and Elaine Englehardt

The break-up of CIE: Internal Tests + Assignments + Quizzes

1	No. of Internal tests	:	<input type="text" value="1"/>	Max. Marks	:	<input type="text" value="20"/>
2	No. of assignments	:	<input type="text" value="2"/>	Max. Marks	:	<input type="text" value="5"/>
3	No. of Quizzes	:	<input type="text" value="2"/>	Max. Marks	:	<input type="text" value="5"/>

Duration of Internal Tests : 90 Minutes

Dr Jacqueline Amaral  
Head-HSS & BOS Chairman-VCE

Prof. B. Vijaya  
Chairperson of BOS  
Dept. of English  
Arts College-OU NOMINEE HSS

PROFESSOR & HEAD  
Department of English  
OSMANIA UNIVERSITY  
HYDERABAD-500 007

Ms. Vathsala Narasimman  
Director - Delivery  
Talent Sprint

Vathsala Narasimman  
17/05/2024