

**SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR**  
(AUTONOMOUS)

**B.Tech. III Year II Semester Regular & Supplementary Examinations June-2025**

**HUMAN VALUES AND PROFESSIONAL ETHICS**

(Common to EEE, ECE & ME)

**Time: 3 Hours**

**Max. Marks: 60**

(Answer all Five Units 5 x 12 = 60 Marks)

**UNIT-I**

- |   |   |   |     |    |    |
|---|---|---|-----|----|----|
| 1 | a | What do you mean by human values? Make a list of fundamental concept of human values. | CO1 | L1 | 6M |
|   | b | Define Morality and mention the features of moral values.                             | CO1 | L1 | 6M |

**OR**

- |   |   |  |     |    |    |
|---|---|--|-----|----|----|
| 2 | a | List some time wasters identified by Engineers.                  | CO1 | L1 | 6M |
|   | b | What is meant by spirituality? How does it differ from religion? | CO1 | L1 | 6M |

**UNIT-II**

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|---|---|--|-----|----|----|
| 3 | a | Outline ethics. Describe any four disciplines of ethics. | CO2 | L2 | 6M |
|   | b | Briefly explain the ethical issues arise in engineering. | CO2 | L2 | 6M |

**OR**

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|---|---|---|-----|----|----|
| 4 | a | Explain the various stages of moral development as given by Kohlberg.                   | CO2 | L2 | 6M |
|   | b | What is meant by moral autonomy? What are the abilities needed to boost moral autonomy? | CO2 | L2 | 6M |

**UNIT-III**

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|---|---|---|-----|----|----|
| 5 | a | List out the difference between engineering experiments and standard experiments. | CO3 | L1 | 6M |
|   | b | What are the general features of morally responsible engineers?                   | CO3 | L1 | 6M |

**OR**

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|---|---|--|-----|----|----|
| 6 | a | Enumerate the correct role of law in engineering.                    | CO3 | L3 | 6M |
|   | b | Explain various types of standards and their purposes with examples. | CO3 | L3 | 6M |

**UNIT-IV**

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|---|---|--|-----|----|----|
| 7 | a | Define the term Risk and Safety. Explain about the relationship between risk and safety. | CO4 | L2 | 6M |
|   | b | How to incorporate safety into the engineering design process?                           | CO4 | L2 | 6M |

**OR**

- |   |   |   |     |    |    |
|---|---|---|-----|----|----|
| 8 | a | Define the terms confidentiality and confidential information? What are the external responsibilities of engineers? | CO4 | L2 | 6M |
|   | b | What is conflict of Interest? Explain the different types of conflicts of interest with suitable examples?          | CO4 | L2 | 6M |

**UNIT-V**

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|---|---|---|-----|----|----|
| 9 | a | Define MNC? Discuss the merits and demerits of multinational companies. | CO5 | L2 | 6M |
|   | b | Write short notes on Technology Transfer from one company to other.     | CO5 | L2 | 6M |

**OR**

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|----|---|--|-----|----|----|
| 10 | a | How does the code of ethics promote and sustain the ethical environment and assist in achieving the ethical goals? | CO5 | L2 | 6M |
|    | b | List out the advantages, disadvantages and benefits of CSR.  | CO5 | L2 | 6M |

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