

Register No.: Name:

SAINTGITS COLLEGE OF ENGINEERING (AUTONOMOUS)

(AFFILIATED TO APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY, THIRUVANANTHAPURAM)

FOURTH SEMESTER B.TECH DEGREE EXAMINATION (R,S), MAY 2024**COMMON TO CS,EE,EC,RB
(2020 SCHEME)****Course Code: 20HUT200****Course Name: Professional Ethics****Max. Marks: 100****Duration: 3 Hours****PART A***(Answer all questions. Each question carries 3 marks)*

1. What are the values that make a person to live in harmony?
2. What is meant by self-confidence?
3. Differentiate between consensus and controversy.
4. List out various inquiry.
5. How do engineering ethics and responsibilities of engineers contribute to a society?
6. What do you mean by plagiarism and how does it affect academic integrity?
7. What is IPR? Explain its significance in patent?
8. Explain various aspects of collegiality.
9. Define computer ethics.
10. What are the characteristics engineers must possess to be a manager?

PART B*(Answer one full question from each module, each question carries 14marks)***MODULE I**

11. a) Differentiate between caring and sharing. (7)
b) Describe academic integrity. How is academic integrity significant for technical community? (7)

OR

12. a) Discuss about work ethics and examine how it improves institutional output. (7)
b) Explain various categories of virtues. (7)

MODULE II

13. a) Explain the three main levels of moral development in Gilligan's theory? (7)
b) What are characteristics of a profession? How does professionalism affect the working culture of a society? (7)

OR

14. a) What are the different criteria for evaluating various ethical theories. (7)
b) Describe various steps to solve moral dilemma. (7)

MODULE III

15. a) How can engineers become responsible experimenters? Highlights the code of ethics for engineer. (7)
b) What are essential roles exhibited by code of ethics. (7)

OR

16. a) Explain the reasons for Challenger disaster. (7)
b) *“Engineers are expected to show personal responsibility as the profession demands.”* Discuss (7)

MODULE IV

17. a) What is the need for protection of IP. What are the different acts. (7)
b) Summarize different types of conflict of interest. (7)

OR

18. a) Explain role of confidentiality in moral integrity. (7)
b) Why is price fixing considered an occupational crime? Justify (7)

MODULE V

19. a) Explain environment ethics. (7)
b) What are obligations of MNC towards host countries and explain CSR fund. (7)

OR

20. a) What are ethical responsibilities of consulting engineers? (7)
b) Examine the role of engineers as managers. (7)
