



VIVEKANANDHA COLLEGE OF ENGINEERING FOR WOMEN
 [AUTONOMOUS INSTITUTION AFFILIATED TO ANNA UNIVERSITY, CHENNAI]
 Elayampalayam – 637 205, Tiruchengode, Namakkal Dt., Tamil Nadu.

Question Paper Code: 50021

B.E. / B.Tech. DEGREE END-SEMESTER EXAMINATIONS – NOV. / DEC. 2025

Seventh Semester

Computer Science and Engineering

U19CSV57 – PROFESSIONAL ETHICS IN ENGINEERING

(Regulation 2019)

Time: Three Hours

Maximum: 100 Marks

Answer ALL the questions

Knowledge Levels (KL)	K1 – Remembering	K3 – Applying	K5 - Evaluating
	K2 – Understanding	K4 – Analyzing	K6 - Creating

PART – A

(10 x 2 = 20 Marks)

Q.No.	Questions	Marks	KL	CO
1.	Define work ethic and explain its relevance in engineering practice.	2	K1	CO1
2.	Define moral autonomy. How does it guide ethical decision-making in engineering practice?	2	K2	CO1
3.	List and explain the key ethical issues involved in engineering experimentation.	2	K2	CO2
4.	How do codes of ethics guide engineers in their professional responsibilities?	2	K1	CO2
5.	Define the term “risk” in the context of safety engineering.	2	K1	CO3
6.	What factors should engineers consider while carrying out risk assessment and risk management?	2	K1	CO3
7.	Explain the significance of occupational crime in engineering ethics.	2	K2	CO4
8.	Discuss the meaning and significance of Corporate Social Responsibility (CSR) for engineers.	2	K1	CO4
9.	How does environmental ethics relate to engineering practices?	2	K2	CO5
10.	What is the role of engineers in addressing global issues such as weapons development?	2	K2	CO5

PART – B

(5 x 13 = 65 Marks)

Q.No.	Questions	Marks	KL	CO
11. a)	Compare and contrast Kohlberg's and Gilligan's theories of moral development and their application in engineering ethics.	13	K2	CO1

