

Enroll No

K.E.Society's
Rajarambapu Institute of Technology, Rajaramnagar
 (An Empowered Autonomous Institute, affiliated to SUK)
Mid-Sem Exam (MSE) (2025-26)
 Final Year B.Tech. CSE-(AI&ML)

Q.P. Code
M05

Course Code: AI401

Course Name: Social & Ethical Issues in AI

Day & Date: Thursday 18/09/2025

Time: 10.15 am to 12.15 pm

Max Marks- 50

- Instructions:**
- 1) All questions are compulsory.
 - 2) Figures in rounded () brackets within the question, indicate the scheme of marking for respective part of the question, whereas, figures in the first right column indicate total marks for that whole question.
 - 3) CO is the index number of the Course Outcome statement.
 - 4) The Bloom's taxonomy level (BL) for 1,2,3,4,5 and 6 is remember, understand, apply, analyze, evaluate and create respectively.
 - 5) Assume suitable data if necessary.
 - 6) Use of non-programmable calculators is allowed

			Marks	BT Level	COs
Q.1	A	How do classical ethical theories (3Marks) and modern ethical frameworks (3 Marks) intersect and diverge when applied to dilemmas in Artificial Intelligence systems (2 Marks)?	08	4	CO1
	B	Examine Artificial Intelligence as both a concept and a technology (4 Marks), highlighting its significant role in everyday activities and its transformative impact across industries (4 Marks).	08	4	CO2
		OR			
	B	In the discourse on AI ethics, the notion of human-centricity emerges as a guiding principle—analyze (4 Marks) and justify this claim with reference to moral obligations and societal impacts (4 Marks)	08	5	CO2
Q.2	A	Compare Fairness & Bias based on their definitions, nature, objective, focus, impact, approaches, evaluation and long-term goals. (For each point 1Mark)	08	4	CO2
	B	Using real-world case studies as evidence (5 Marks), critically examine the consequences of biased AI systems on decision-making across diverse domains (4 Marks)	09	2	CO3
		OR			
	B	Explain how bias appears in Artificial Intelligence systems(4Marks) and highlight its main sources. (5 Marks)	09	2	CO3



		Marks	BT Level	COs
Q.3	A In AI technologies, privacy (3 Marks) and security (3 Marks) often pull in different directions—write a short note on how this balance is managed (2 Marks)	08	3	CO2
	B Explain the major privacy issues that emerge when Artificial Intelligence systems are deployed in real-world contexts (5 Marks) & explain ethical dilemmas are raised by AI-powered surveillance technologies(4Marks)	09	2	CO3
	OR			
	B In the context of AI-driven data collection, explain why user consent serves as a cornerstone of responsible practice (5 Marks) & explain the challenges of ensuring informed consent in modern AI applications (4 Marks)	09	3	CO3

