

Code: **21P03601**

SR21

SET-1

SRINIVASA INSTITUTE OF ENGINEERING AND TECHNOLOGY

UGC – Autonomous Institution

III B. Tech II Semester I MID Examinations, FEBRUARY -2025

ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

MECHANICAL ENGINEERING

Time : 90 Mins

Max. Marks:30

Date:24.02.2025

S.No	Note: Answer All Questions	Marks	LEVEL	CO	PO
1.	Define Artificial Intelligence and explain its evolution over time.	10	K 1	CO 1	PO 2, PO 1
2.	Why do we need Artificial Intelligence in the modern world? Explain with real-world applications	10	K 2	CO 1	PO 2,PO3
3.	What are knowledge-based agents? Explain their role in AI	10	K 1	CO 2	PO 3, PO 1