



Subject Code: PC407IT U23				AY:2024-25
	MATRUSRI ENGINEERING COLLEGE (An Autonomous Institution) 16-1-486, Saidabad, Hyderabad-500059 (Approved by AICTE, Affiliated to Osmania University)			
Department of Information Technology				
B.E. IV-SEM Assignment -I				
Subject: AT (PC407ITU23)		Marks: 10 M		
S.No.	Questions	Marks	BL	CO
1	List out Applications of Finite Automata	2 M	L1	CO1
2	Design Automata for all strings of 0's and 1's where every string has even number of 0's and odd number of 1's	2 M	L2	CO1
3	Differentiate DFA and NFA?	3M	L2	CO1
4	Design Finite Automata for all binary strings where its integer equivalent is divisible 5?	3 M	L2	CO1