



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

RUBRICS TO EVALUATE THE ASSIGNMENT ON ATC USING JFLAP

Academic Year : 2025-26

Max Marks : 20

Sl.No	Criteria	Excellent (5M)	Good (4M)	Average (3M)	Needs Improvement (2M)	Poor(1M)
1	Problem Understanding and Modelling	Clearly understands the language/problem description. Identifies correct alphabet, constraints, and structure.	Understands most requirements correctly. Minor misunderstandings or missing details, but overall modeling matches the problem.	Basic understanding with notable gaps. Some elements of the model are incorrect or incomplete.	Misunderstanding of key components of the language/problem.	No meaningful understanding..
2	Automaton Implementation in JFLAP	JFLAP automaton is fully correct and complete. Transitions, states, start/accept states are properly defined.	Mostly correct automaton with minor logical or structural issues.	Automaton works partially:	Significant errors in the JFLAP automaton.	JFLAP automaton is non-functional or unrelated to the required language.
3	Example Analysis Using JFLAP Traces	Provides multiple test strings (accepted + rejected).	Provides correct examples with adequate explanation.	Includes examples, but they are limited or lacking detailed trace explanation.	Very few examples	No examples, no simulation traces, or examples are incorrect/irrelevant.
4	Analysis and Interpretation of Results	Interprets results thoroughly.	Good interpretation with mostly correct reasoning.	Some interpretation is present, but lacks depth.	Interpretation is shallow or incorrect. Limited reasoning based on JFLAP output	No meaningful interpretation. Results are misinterpreted or missing.

Total Marks Awarded

USN	Student name	1	2	3	4	Total
4SF23CS246	Vivek Neeralagi					
4SF23CS030	Aravind P Sagar					

Signature

CHAITHRA S