

ETCS206-THEORY OF COMPUTATION

Semester - 4

Notes



UNIT - 1 Syllabus

Overview: Alphabets, Strings & Languages, Chomsky Classification of Languages, Finite Automata, Deterministic finite Automata (DFA) & Nondeterministic finite Automata (NDFA), Equivalence of NDFA and DFA, Minimization of Finite Automata, Moore and Mealy machine and their equivalence, Regular expression and Kleene's Theorem(with proof), Closure properties of Regular Languages, Pumping Lemma for regular Languages(with proof).

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