

Gujarat Technological University
Government Engineering College, Modasa
B.E. – Computer Engineering (Semester – VI)

3160704 – Theory of Computation

ASSIGNMENT

Sr.	Description
1	Design DFA for given languages (30 Examples)
2	Construct NFA to DFA (15 Examples)
3	Find minimized DFA for given DFA (20 Examples)
4	Write Regular Expression for given language (40 Examples)
5	Convert NFA - \wedge to DFA (15 Examples)
6	Convert DFA to RLRG and LLRG (10 Examples)
7	Design DFA for given RLRG and LLRG (10 Examples)
8	Derive PDA for given grammar. (25 Examples)
9	Convert the given grammar in CNF and BNF. (20 Examples)
10	Design Turing Machine for given language. (20 Examples)