Bhagwan Mahavir College of Engineering & Technology, Surat

Computer engineering (5th semester)

Analysis and designs of algorithm

Assignment-4

1. Explain Naive method for string matching with example and write algorithm.
2. Explain Rabin-Karp method for string matching with example also write algorithm. Explain finite automata for string matching with example also write algorithm.
3. What is need for string matching?
4. Define P, NP, NP complete and NP hard problems. Give examples of P and NP class problem with explanation.
5. Explain Satisfiability Problem.

Last Date to submit: 30/09/2017