



**THADOMAL SHAHANI ENGINEERING COLLEGE**  
**DEPARTMENT OF INFORMATION TECHNOLOGY**



**Question Bank for Periodic Test – II**

January -April 2022

S.E. Semester IV

Subject: AT

1. Define Turing machine.
2. Numerical on DFA Minimization /Reduced DFA
3. FA to RE Conversion.
4. Limitations of FA.
5. Numerical on TM.
6. Variants of TM.
7. Power of TM.
8. Halting Problem.
9. Applications of FA and TM.

Prof. Kumkum Saxena