**SRM INSTITUTE OF SCIENCE AND TECHNOLOGY**

**RAMAPURAM CAMPUS**

**FACULTY OF ENGINEERING AND TECHNOLOGY**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**B.Tech. CSE-Specialization with IoT**

**Assignment- 1**

**Sub Code/Name : 18CSC301T - Formal Language and Automata**

**Class :** III Year /V Sem/B.Tech

**Date : 2/10/2022**

**Max Marks :** 20

**Convert Regular expression to DFA**

**(i) (a+ b)\*ca\* (5 M)**

**(ii) (abc\*)\*+(a+b) (10 M)**

**(iii) ba+a\*b\* (5 M)**

**Subject Handler HoD**