

## **Assignment for Theory of Computation (II YR CSE, All Sections)**

**Marks: 10**

**Submission Date: 30/11/2022**

1. Implement a desk calculator using **LEX** and **YACC** with three unary operators (Op1 means Binary to Decimal, Op2 means Octal to Decimal and Op3 means Hexadecimal to Decimal), two binary operators (Op4 means addition of two Octal numbers and Op5 means addition of two Hexadecimal numbers) along with named identifiers, assignment statements and expression. Write the procedure followed to solve the problem.