**VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS)**

**IBRAHIMBAGH, HYDERABAD-31**

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**List of CC Lab External programs**

1. A) Implement Lexical analyzer using Lex

B) Implement the SLR (1) parsing table for the given grammar

E->E+T|T

T->T\*F|T

F->id| (E)

1. A) Lex Program to recognize the numbers which has 1 in its 5th position from right**.**
2. Construct target code for the given expression**.**
3. A) Lex Program to recognize the strings which are starting or ending with ‘k’

B) Implement the Three address code using YACC

1. A) Lex program to recognize String ending with 11.

B) Construct DAG for the given three address code

1. A) Lex program to recognize Keywords

B) Implement the Dependency graph

1. A) Lex program to recognize String ending with 00.

B) Implement the CLR parsing table for the given grammar

S->CC

C->aC|d

1. A) Lex program to recognize Keywords

B) Implement Intermediate code generation using YACC

1. A) Lex program to assign line numbers for source code

B) Implement First & Follow

1. A) Lex program to recognize Identifiers.

B) Implement a YACC specification for simple arithmetic calculations.

1. A) Lex program to recognize operators

B) Implement LL (1) Parser.