



**Fr. C. Rodrigues Institute of Technology, Vashi**  
(An Autonomous Institute & Permanently Affiliated to University of Mumbai)

## Department of Computer Engineering

### List of Practical for Practical Exam

Exp. No.	Practical	5/5/25	6/5/25
1.	Write a program to implement PASS1 of assembler to generate SYMTAB from assembly language program		
2.	Write a program to implement PASS1 of assembler to generate LITTAB & POOLTAB from assembly language program		
3.	Define a macro with multiple arguments, expansion of macro calls & generating expanded source code.		
4.	Define a macro with two arguments, expansion of macro calls & generating expanded source code.		
5.	Implement a 2-level nested macro & its expansion.		
6.	Write a LEX-YACC specification program for scientific calculator		
7.	Write a program to count number of characters, words, sentences, lines, tab, numbers present in a input using LEX program		
8.	Write LEX program to recognize identifiers of C language using symbol table		
9.	Write a program to implement intermediate code generation algorithm		
10.	Write a program to demonstrate code generation algorithm		
11.	Write a C program to find first for the given grammar		
12.	Write a LEX-YACC specification program for Finding factorial of a number		
13.	Write a LEX-YACC specification program for Finding whether a given number is prime or not		
14.	Write a LEX-YACC specification program for Finding whether a given number is even or odd		
15.	Write a C program to find follow for the given grammar		