

GANPAT UNIVERSITY
U.V. PATEL COLLEGE OF ENGINEERING
B. Tech Semester VII
Computer Engineering/ Information Technology
2CEIT701: Compiler Design
List of Experiments

Sr. No	Experiments	Start Date	End Date	Page no.	Signature
1	Understand modules of the compilation process with the help of a program. (Pre-processor, Compiler, Assembler, Linker/Loader)				
2	Write a lex program to count the number of lines, tabs, characters, spaces, and words from the input C program. (Note: It is compulsory to read the input from the file and display the results in another file)				
3	Write a lex program to count positive and negative numbers from the input file. (Note: It is compulsory to read the input from the file and display the results in another file)				
4	Write a Lex program to validate arithmetic expressions and display a separate list of the identifiers and operators.				
5	Understand the structure of the YACC program with examples.				
6	Write a program to validate the variable declaration statement using Lex and YACC.				
7	Write a program to implement a calculator using Lex and YACC.				
8	Write a program to convert infix to postfix using Lex and YACC.				
9	Write a program to validate the IF.... ELSE statement using Lex and YACC.				