Sankalchand Patel College of Engineering, Visnagar
Computer Engineering Department

ME Computer Engineering (IInd Sem)
Sub: Design of Language Processors (1720202)

PRACTICAL LIST

Sr. No.	Practical Title
1	To Study of Lex, Flex and YACC compiler tools.
2	Write a lex program to count the number of characters, words, spaces, end of lines in a given input file.
3	Write a lex program to count no of: (a) +ve and –ve integers (b) +ve and –ve fractions
4	Write a lex program to count the no of 'scanf' and 'printf' statements in a C program. Replace them with 'readf' and 'writef' statements respectively.
5	Write a lex program to recognize whether a given sentence is simple or compound.
6	Write a lex program to identify the tokens from the given statements and convert the given file by replacing strings/words into appropriate tokens.
7	Write a program to implement a Predictive Parser.
8	Write a program to generate token for the given declaration statement.
9	Write a program that will find the FIRST SET of the grammar.
10	Write a program that will find the FOLLOW SET of the grammar.
11	Write a program for simple desk calculator using YACC specification and also implements the code that checks the semantic error from string.