Subject: Language Processor
Subject Code: IT443
Student ID:_____

Semester: 7th
Academic Year: 2022-23
Student Name:_____

Practical Index

Sr. No.	AIM	COs	Start Date	End Date	Grade	Assessment Date	Signature
1	Implement a lexical analyzer for a subset of C using LEX Implementation should support Error handling.	1					
2	Implement a lexical analyzer for identification of numbers.	1					
3	Write an ambiguous CFG to recognize an infix expression and implement a parser that recognizes the infix expression using YACC	3					
4	Implement a Calculator using LEX and YACC.	3,4					
5	Implementation of Syntax Tree.	2,4					
6	Implementation of Context Free Grammar.	3,4					
7	Design of a Predictive parser.	3,4					
8	Implementation of code generator.	6					
9	Implementation of code optimization for Common sub-expression elimination, Loop invariant code movement.	6					
10	Implement Deterministic Finite Automata.	2,3					