

SEMESTER V

SUBJECT CODE	SUBJECT TITLE	CORE/ ELECTIVE	CREDITS			
			L	T	P	C
CSE 306 L	Compiler Design Lab	C	0	0	2	1

List of Practical Experiments:

1. Implement lexical analyzer using C
2. Implement lexical analyzer using LEX/Flex
3. Implementation of Recursive Descent
4. Implementation of Predictive Parser using C for the Expression Grammar
5. Implementation of Shift Reduce parser using C
6. Implement LALR parser using LEX/Flex and YACC/Bison
7. Generate quadruples for given arithmetic expression using LEX/Flex and YACC/Bison.
8. Generate 3-address code for a control statement using LEX/Flex and YACC/Bison.
9. Implementation of code optimization techniques
10. Implementation of Code generation