**Madhav Institute of Technology & Science Gwalior**

**PRACTICAL FILE**

**Compiler Design LAB (BCSL 604)**

**COMPUTER SCIENCE & ENGINEERING**



Session: 2016-2020

**Submitted To: Submitted By:**

Prof. Sneha Garg Name:

Prof. Namrata Agrawal Roll No:

Course: B.Tech (CSE)

Semester: VI

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| **S. No.** | **Experiment** | **Date** | **Signature** |
| 1 | **Develop a lexical analyzer to recognize a pattern (a+aa\*b)\*** |  |  |
| 2 | **Write a Program to convert NFA to DFA** |  |  |
| 3 | **Write a Program to minimize DFA** |  |  |
| 4 | **Write a Program to find first and follow set for a given grammar.** |  |  |
| 5 | **Develop LL(1) Parser.** |  |  |
| 6 | **Develop an Operator Precedence Parser** |  |  |
| 7 | **Develop a Recursive Decent Parser** |  |  |
| 8 | **Write a program to generate Polish Notation for a given expression.** |  |  |
| 9 | **Study of lexical analyzer using LEX.** |  |  |