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| http://erp.ltjss.net:6006/img/logo/ltjss.jpg | **LOKMANYA TILAK JANKALYAN SHIKSHAN SANSTHA’S**  **PRIYADARSHINI COLLEGE OF ENGINEERING, NAGPUR**  **DEPARTMENT OF COMPUTER TECHNOLOGY** |  |

**Subject: Compiler Design**

**Semester: VI**

**LIST OF EXPERIMENTS**

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| **Sr. No.** | **Aim** |
| 1. | To study phases of compiler. |
| 2. | To install a LEX tool and implement lexical analysis phase. |
| 3. | To demonstrate whether input identifier is number or character with LEX tool. |
| 4. | To implement a program to find FIRST() for any given Production. |
| 5. | To implement a program to find FOLLOW() for any given Production. |
| 6 | To implement a program to eliminate left recursion. |
| 7 | To implement a program to check whether the given grammar is LL(1) or not. |
| 8 | To implement Bottom Up Parser |
| 9. | To convert given expression into Three Address Code. |
| 10 | To convert given source code into Three Address Code. |
| 11 | To Study Natural Language Processing (Innovative) |