



BIT 381

OOSD & COMPILER CONSTRUCTION LAB

COMPILER CONSTRUCTION LAB: Exercises must be taken from 1 to 6

OBJECT – ORIENTED ANALYSIS & DESIGN LAB: Exercises must be taken from 7 to 12

1. Scanner programs using LEX
2. SLR Parser table generation
3. LR Parser table generation
4. Parser Generation using YACC
- 5-6 Program on Code generation & Code Optimization

7. System Definition
 - a) Requirements Management
 - b) Data Modeling
8. Software Development
 - a) Application & Web modeling
 - b) Configuration Management
 - c) Unit Testing
9. Content Management
10. System Testing
 - a) Functional Testing
 - b) Reliability Testing
 - c) Performance Testing
 - d) Defect & Change Tracking
11. Change Management
 - a) Configuration Management
 - b) Requirement Management
 - c) System Documentation
12. Project Management