

GANPAT UNIVERSITY
U. V. PATEL COLLEGE OF ENGINEERING
B. TECH SEM- VII (CE/IT/CE-AI)
2CEIT701: Compiler Design
Syllabus of Second Internal Exam October-2024

1. Syntax Analysis:

- String Parsing by using LL(1)
- Bottom-Up Parsing: Handle, Shift-reduce parser,
- LR Parsers: LR (0), SLR (1), LALR (1), CLR (1),
- String parsing procedure using LR parser, R-R and S-R Conflicts.

2. Syntax-Directed Translation:

- Syntax Directed Definitions,
- Construction of syntax tree,
- S-attributed and L-attributed SDDs with example.