**Institute of Technology & Management Universe Vadodara**

**Department of Computer Science Engineering**

**CET 2-Syllabus**

**Subject: Compiler Design Subject Code: 2170701**

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| **Sr. No.** | **Content** |
| 1 | Parsing Theory Top Down and Bottom up Parsing Algorithms, Top-Down Parsing, Bottom-Up Parsing, Operator-Precedence Parsing, LR Parsers-SLR, CLR, LALR, Using Ambiguous Grammars, Parser Generators, Automatic Generation of Parsers. |
| **2.** | **Error Recovery**  Error Detection & Recovery, Ad-Hoc and Systematic Methods |