ITM(SLS) BARODA UNIVERSITY
SCHOOL OF COMPUTER SCIENCE, ENGINEERING AND TECHNOLOGY (SOCSET)
ODD SEMESTER 2024-25
<CET-1 > SYLLABUS
PROGRAM: B. TECH. BRANCH: CSE/IT/AI SEMESTER: VII

SUB-CODE: **C2710C2**   SUB-NAME: **Compiler Design**

Unit	Unit Name	Contents
1	**Overview of the Compiler and its Structure:**	Language processor, Applications of language processors, Definition-Structure-Working of compiler, the science of building compilers, Basic understanding of interpreter and assembler. Difference between interpreter and compiler. Compilation of source code into target language, Cousins of compiler, Types of compiler.
2	**Lexical Analysis:**	The Role of the Lexical Analyzer, Specification of Tokens, Recognition of Tokens, Input Buffering,