**COMPILER CONSTRUCTION**

**LAB 1 (Familiarizing LEX)**

You are provided with a set of files. You can use them for the following:

1. Understand LEX
   * Read lex\_practice.pdf
2. Understand lex program structure
   * Work out and understand the programs in Lex.doc (Example 1 – Example 4)
3. Understand yyvariables (yyin, yyout, yyleng, yytext)
   * Read Lex\_Tutorial.pdf (Section 3)
   * Work out and understand the programs in Lex.doc (Example 5, 6, 7)
4. Understand the yyfunctions (yylex(), yywrap())
   * Read Lex\_Tutorial.pdf (Section 4)
5. A quick reference to LEX regular expression: lex\_regular\_expressions\_quick\_reference.ppt