1st Chapter :

Introduction: Phases of compilation and overview. Lexical Analysis (scanner): Regular languages, finite automata, regular expressions, regular expression to finite automata, scanner generator (lex, flex).

1 Phases of compilation and overview – pptLect1, 1st chapter pdf

2 Lexical Analysis (Scanner)-pptLect2, 1st chapter pdf

3 Regular languages, finite automata, regular expressions -1st chapter pdf,pptLect2

4 scanner generator (lex, flex).- 1st chapter pdf

2nd Chapter:

Syntax Analysis (Parser): Context-free languages and grammars, push-down automata, LL(1) grammars and top-down parsing, operator grammars, LR(O), SLR(1), LR(1), LALR(1) grammars and bottom-up parsing, ambiguity and LR parsing, LALR(1) parser generator (yacc, bison)

1 Context-free languages and grammars – pptLect3, chapter2pdf

2 push-down automata, LL(1) grammars and top-down parsing, operator grammars- pptLect4 ,chapter2pdf

3 push-down automata, LL(1) grammars and top-down parsing, operator grammars- EXAMPLES lecture4 ,pptLect4 ,chapter2pdf.

3 push-down automata, LL(1) grammars and top-down parsing, operator grammars-

EXAMPLES lecture4, pptLect4, chapter2pdf., pptLect5,6, chapter2pdf.

4 push-down automata, LL(1) grammars and top-down parsing, operator grammars-

Lect7(ll1), lect8,9(ll1), chapter2pdf.

5 operator grammars -operator precedence , bottom up parser , chapter2pdf.