

2.7 40101 PROGRAMMING IN 'C'

UNIT-1 PROGRAMMING INTRODUCTION

- 1.1 Keywords, Constants, Variables and Data types Unit
- 1.2 Operations and Expressions
- 1.3 I/O Statements
- 1.4 Functions

UNIT-2 CONDITIONAL AND BRANCHING STATEMENTS

- 2.1 Simple If statement
- 2.2 Decision making statements
- 2.3 Branching
- 2.4 Looping

UNIT-3 ARRAYS & CHARACTERS

- 3.1 Arrays
- 3.2 Handling of Characters
- 3.3 Handling of Character Strings
- 3.4 Functions

UNIT-4 SPECIAL TYPES

- 4.1 Structures
- 4.2 Unions
- 4.3 Macro Substitution
- 4.4 Compiler Controlled Directives

UNIT-5 POINTER AND FILE MANAGEMENT

- 5.1 Introduction to Pointers
- 5.2 Pointers for Various Data Types
- 5.3 Introduction to File management and file inclusion
- 5.4 Different File I/O functions and statements

Reference Books:

1. Programming in ANSI C by E. Balagurusamy TMGH, New Delhi
2. Programming with C by Byron Gottfried. Schaum Series -TMGH
3. Let us C by Yashavent Kanethar BPB Publication, 2005, New Delhi
4. Programming in C by Schaum Series, McGraw Hills Publishers
5. Data Structures by Lipschutz Schaum Series
6. Introduction to Data structures by Bhagat Singh, TMGH, and New Delhi.