Principles of Management

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Principles of Management

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PRINCIPLES OF MANAGEMENT

Unit I Introduction to management

Meaning and definition of management-Functions of management- Managerial skills-Levels of management-Roles of manager-Management as a science or art-contributions to management by F.W.Taylor, Henry Fayol, Elton Mayo and Peter.F.Drucker.

Unit II Planning and Decision making

Planning-Importance of Planning-Process of planningtypes of planning methods (Objectives-Policies-Procedures-Strategies and Programmes)- Obstacles to effective planning. Decision making- Types of Decisions-Process of decision making-Decision tree.

Unit III Organising

Organisation - Importance-Principles of organizing - Organisational structure-Line and functional-Organisation charts and manuals. Departmentation- Bases-span of management. Delegation- Meaning and definition- Principles of delegation-Centralisation and Decentralisation.

Business Organisation

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MANONMANIAM SUNDARANARUNIVERSITY TIRUNELVELI I B.COM (I SEMESTER)

UNIT - 1 NATURE AND SCOPE OF BUSINESS

Concept of Business – human occupations –profession Employment and business – Divisions of Business –Industry and Commerce – Business system-Objectives of business – Essentials of a successful business – Qualities of a good businessman.

UNIT-2

TYPES OF BUSINESS ORGANISATION:

Sole proprietorship – partnership- Joint Stock Company – Co- Operatives – Nonprofit Business Organizations under the societies Act and Trusts – Public sector business units – public utilities – unique features of each one and their merits and demerits.

UNIT-3

PARTNERSHIP:

Kinds of firms – kinds of partners – basic legal requirement in registration of partnership firm – comparison with sole proprietorship – partnership deed and its contents, Rights and duties of partners – Dissolution – suitability of partnership.

UNIT-4

COMPANY:

Kinds of companies – private company – public company – comparison with partnership firm – Multinational Companies – meaning – definition – Advantages – Disadvantages – features – Impact of Multinational Companies in India.

UNIT-5

CO - OPERATIVE ORGANISATION:

Formation of co-operative organization under the societies Registration Act and Tamil Nadu Co-operative Societies Act – Management of Co-operative organizations – Co-operative versus companies – Co-operative versus partnership – types of Co-operatives – co-operative in India.

Anson Publications Programming in C++ M.Amalanathan M.Sony Michael Mary Scanned with CamScanner

Programming in C++

A Manonmaniam Sundaranar University
Syllabus Based Book

Dr.M.Amalanathan M.Sc, M.Phil, Ph.D Mrs.M.Sony Michael Mary M.Sc, B.Ed, (Ph.D)



October 2021

Frogramming in C++

Dr.M.Amalanathan M.Sc, M.Phil, Ph.D Mrs.M.Sony Michael Mary M.Sc, B.Ed, (Ph.D)

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PREFACE

Learning is essential for students to enhance their future in the modern environment. Students have a lot of learning methods, but it is important to provide learning materials of the syllabus in a simple and understandable language. Based on this, the fundamental aspects of Programming in C++ has been highlighted in the book, which will be useful for the students to read and understand the syllabus by themselves for their examinations.

This book has been written to meet the requirements of III year B.Sc Physics students in Manonmonium Sundaranar University, Thirunelveli. It contains five units according the syllabus framed by the University. Programming in C++ is book provide the basic idea about the C++ programming language.

This Book provides thorough idea about C++, Arrays and Functions in C++ Classes and Objects, Operator Overloading, Inheritance and Pointers and Managing Console I/O Operations in five chapters. This book addresses each concept in a clear, concise, and effective manner with examples that are immediately reinforced with exercises and opportunities for demonstrative learning. This book will enable the students to even in learn Programming in C+ their higher levels of learning Bloom's Taxonomy..

The authors thank the Correspondent Rev.Fr.M.Ecermens Michael, the Principal Dr.A.Meenakshisundararajan,, All the facultiy members from the department of physics, and all the teaching and non-teaching staff of Nanjil Catholic College of Arts and Science, Kaliyakkavilai for their care and concern.

Above all I humbly thank God Almighty, whose sustaining grace has been sufficient for me in my all endeavors.

Vavarai October 2021 Dr.M.Amalanathan Mrs.M.Sony Michael Mary 1

WHAT IS C++

Introduction

Tokens

Keywords

Identifiers and constants

Declaration of variables

Basic data types

User defined data types

Derived data types

Symbolic constants

Operators in C⁺⁺

Expressions and their type

Hierarchy of arithmetic operators

Scope resolution operator

Declaring, initializing and modifying variables

Special assignment operators

All control structures

Structure of a simple C ++ program

2 ARRAYS AND FUNCTIONS IN C⁺⁺

Arrays-Introduction

One dimensional and two dimensional arrays

Initialization of arrays

Array of strings

Functions-introduction

Function with no argument and no return values

Function with no argument but return value

Function with argument and no return values

Function with argument and return values

Call by reference

Return by reference
Function prototyping
Inline functions
Local, -global and static variables
Function overloading
Virtual functions
Main function
Math library functions

3 CLASSES AND OBJECTS

Introduction Specifying a class Defining member functions C⁺⁺ program with class Nesting of member functions Private member functions Objects as function arguments Arrays within a class Array of objects Static class members Friend functions Constructors Parameterized constructors Multiple constructors Constructors with default arguments Copy constructor

4 OPERATOR OVERLOADING, INHERITANCE AND POINTERS

Introduction
Defining operator overloading
Overloading unary operators
Binary operators

Inheritance

Single inheritance

Multiple inheritance

Multilevel inheritance

Hybrid inheritance

Hierarchical inheritance

Virtual base Class

Abstract class

Pointers

Definition

Declaration

Arithmetic operations

5 MANAGING CONSOLE I/O OPERATIONS

Introduction

C⁺⁺ stream

C⁺⁺ stream classes

Unformatted I/O Operations

Formatted console I/O operations

Working with files

Classes for file steam operations

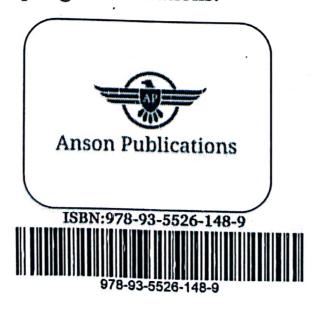
Opening and closing a file

File pointers and their manipulations

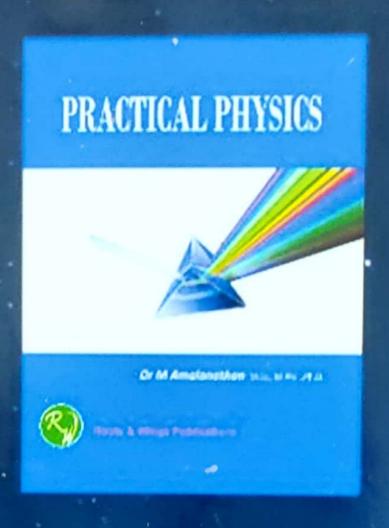
Programming in C++

About the Authors

Dr.M.Amalanathan and Mrs.M.Sony Michael Mary are the authors of this book. Dr.M.Amalanathan is currently working as Head and Assistant Professor in the Department of Physics, Nanjil Catholic College of Arts and Science, Kaliyakkavilai. He has 12 years of Teaching experience and 15 years of Research experience. He already edited and published one book 'Practical Physics' in the year 2014. He served as editor for three conference proceeding. He already guided 4 Ph.D and 10 M.Phil students and guiding 4 Ph.D students. He published 51 papers in reputed international refereed Journals. He presented papers and participated in many national and international conferences and seminars. He served as resource person in so many events. He has served as a reviewer in many reputed journals in Elsevier, Wiley-Inter Science and Springer Publications.



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