

Preparatory course for Diploma in Advanced Computing

PreDAC Course Modules

(160 Hours)

Fundamentals of Computing

Operating System

- Overview of Operating System
- Types of Operating System
- System Structure
- Process communication
- Concurrency
- Deadlock
- CPU scheduling
- Memory Management

C Programming

- Introductory Concepts
- C Fundamentals
- Operators and Expressions
- Data Input and Output
- Control statement
- Functions
- Arrays
- Pointers
- Structures and Unions

Data Structure using C

- Stacks
- Queues
- Linked Lists (Single, double, Circular)

Features

- Hands-on practical exposure
- Expertise Faculty and Lab Support
- Special Weekend batch for fresh engineers students
- Flexibility for final BE examination appearing students

Data Communication and Networking

- Introduction to computer networks
- Network hardware (LAN, WAN, MAN)
- Network Software
- OSI and TCP/IP layers and reference model
- IP addressing
- Basic of Router, Switches, Hubs

OOPs Concepts

- Basic OOPs Concepts
- Features
- Data Encapsulation
- Data Hiding
- Data Abstraction
- Inheritance
- Polymorphism
- Classes & Objects
- Constructors & Destructors

Soft Skills

- Practice of Aptitude (GMAT) Question papers
- Business communication

Fees:

PreDAC Course Fees is **Rs.7500/-**, Demand Draft in favour of "CDAC ACTS", payable at Pune.



विद्याधनं सर्वधनं प्रधानम्।

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