

DIPLOMA IN INFORMATION TECHNOLOGY (DIT) SYLLABUS

Duration : 01 Years (480 Hrs)

MODULE-I(DURATION: 120 Hours)

IT Tools and Business Systems

1. Computer Appreciation
2. Computer Organization
3. Word Processing
4. Spreadsheet Package
5. Presentation Package
6. Data Base Operations
7. Information Technology and Society
8. English Speaking Course & Personality Development

MODULE-II DURATION: 120 Hours)

Internet Technologies and Web Design

1. Introduction to Internet
2. TCP/IP - Internet Technology and Protocol
3. Internet Connectivity
4. Internet Network
5. Services on Internet
6. Electronic Mail
7. Current Trends on Internet
8. Web Publishing and Browsing
9. HTML Programming Basics
10. Interactivity Tools
11. Internet Security Management Concepts
12. Internet Privacy and Copyright Issues

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MODULE-III(DURATION: 120 Hours)

Programming and Problem Solving through 'C' Language

1. Introduction to Programming
2. Algorithms for Problem Solving
3. Introduction to 'C' Language
4. Conditional Statements and Loops
5. Arrays
6. Functions
7. Storage Classes
8. Structures and Unions
9. Pointers
10. Self Referential Structures and Linked Lists
11. File Processing

MODULE-IV(DURATION: 120 Hours)

Application of DOT NET Technology

1. The DOT NET Framework
2. C# Basics
3. C# Using Libraries
4. Advanced Features Using C#
5. ASP.NET
6. Introduction to Programming with Visual Basic.NET
7. File and Database Applications
8. Advanced Programming Constructs
9. DOT NET Architecture and Advanced Tools