

Microtech Computer Institute

SYLLABUS

Technical System Course (TSC)

by

Ministry of Communications & Information Technology
Govt Of India



(Revision I)

Duration of the Course

Theory: 21 hrs + Practical: 46 hrs. + Tutorial: 3 hrs. This course can also be offered as 10 days full time intensive course.

Syllabus Outline

	Theory	Tutorials	Practical	Total Time
1. Introduction to Computer System	7	-	8	675 Mints.
2. MS Paint , MS Notepad	4	-	15	855 Mints.
3. Introduction to WEB	3	-	8	495 Mints.
4. Introduction to Ethical Hacking	3	2	5	675 Mints.
5. Introduction to Software Developing/Making & Virus Making	4	2	10	360 Mints.
Grand Total	21	4	46	51 Hrs.

DETAILED SYLLABUS

1. Introduction to Computer System

1.0 Introduction

1.1 Objectives

1.2 What is Computer?

1.2.1 Difference B/w Computer & Laptop

1.2.2 Application & Characteristics Of Computer System

1.2.3 Booting, Warming, and Freezing of Computer System.

1.3 Components of Computer System

1.3.1 Central Processing Unit

1.3.2 Keyboard, Mouse HDMIC and VDU

1.3.3 Other Input devices

1.3.4 Other Output devices

1.3.5 Computer Memory (RAM, ROM, HDD, FDD, SDD)

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1.3.6 Installing Device Drivers.

2. MS Paint & MS Notepad

- 2.0 Introduction
- 2.1 Objectives
- 2.2 Basics Introduction
 - 2.2.1 Use Of MS Paint
 - 2.2.2 Tools & Options
 - 2.2.3 Drawing Of Coin
 - 2.2.4 Drawing Of Village
 - 2.2.5 Drawing Of House
 - 2.2.6 Drawing Of Phone
 - 2.2.7 Drawing Of Computer
 - 2.2.8 Drawing Of Wall
 - 2.2.9 Picture & Image Difference & Size Change.
- 2.3 Basics Introduction
 - 2.3.1 Use Of Notepad
 - 2.3.2 Tools & Options

3. Introduction to WEB

- 3.0 Introduction to Web
 - 3.0.1 What is Web
 - 3.0.2 Types Of Web
 - 3.0.3 Creating Internet Page (HTML)
 - 3.0.4 Basic Tags (HTML)
 - 3.0.5 Create own Website (HTML)
 - 3.0.6 Printing Web Pages
 - 3.0.7 Sending E-Mail

4. Introduction to Ethical Hacking

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- 4.0 Introduction
 - 4.1 Difference B/W white & black hat Hacking
 - 4.2 Basic Elements use of Ethical Hacking
 - 4.2.1 Basic Ethical Hacking
 - 4.2.2 Creating Attacks
 - 4.2.3 Linux O/S.

5. Introduction to Software Developing/Making & Virus Making

- 5.0 Introduction
- 5.1 Objectives
- 5.2 Concept of Hardware and Software
 - 5.2.1 Hardware
 - 5.2.2 Software
 - 5.2.2.1 Application Software
 - 5.2.2.2 Systems software
- 5.3 Software Developing For Windows
- 5.3 Software Developing For Andriod
- Summary
- Model Questions and Answers