



iBCP

Basic Computer Program

FOR

10th/ 10+2/ UG

**3 MONTHS COMPUTER AWARENESS
PROGRAM.**

Index

1. **Computer Fundamentals**
 - **Computer, its component, type.**
 - **Number System- Binary**
 - **Types of memory**
2. **Hardware**
3. **Software**
4. **Basics of Touch Typing & Common Keyboard Shortcuts**
5. **Notepad**
6. **MS Paint**
7. **MS Word**
8. **MS Excel**
9. **MS PPT**
10. **MS Outlook**
11. **Google Suite Introduction**
12. **Email**
13. **Networking & Internet**

MS OFFICE FULL COURSE

Course Overview

This course covers Basic to Advanced topics of MS Word, MS Excel, MS PowerPoint and Internet and Emailing.

Course Content

MS WORD

Module 1: Text Basics

- Typing the text, Alignment of text
- Editing Text: Cut, Copy, Paste, Select All, Clear
- Find & Replace

Module 2: Text Formatting and saving file

- New, Open, Close, Save, Save As
- Formatting Text: Font Size, Font Style
- Font Color, Use the Bold, Italic, and Underline
- Change the Text Case
- Line spacing, Paragraph spacing
- Shading text and paragraph
- Working with Tabs and Indents

Module 3: Working with Objects

- Shapes, Clipart and Picture, Word Art, Smart Art
- Columns and Orderings - To Add Columns to a Document

- .Change the Order of Objects
- .Page Number, Date & Time
- .Inserting Text boxes
- .Inserting Word art
- .Inserting symbols
- .Inserting Chart

Module 4: Header & Footers

- . Inserting custom Header and Footer
- . Inserting objects in the header and footer
- . Add section break to a document

Module 5: Working with bullets and numbered lists

- . Multilevel numbering and Bulleting
- . Creating List
- . Customizing List style
- . Page bordering
- . Page background

Module 6: Tables

- . Working with Tables, Table Formatting
- . Table Styles
- . Alignment option
- . Merge and split option

Module 7: Styles and Content

- . Using Build- in Styles, Modifying Styles
- . Creating Styles, Creating a list style
- . Table of contents and references
- . Adding internal references
- . Adding a Footnote
- . Adding Endnote

Module 8: Merging Documents

- Typing new address list
- Importing address list from Excel file
- Write and insert field
- Merging with outlook contact
- Preview Result
- Merging to envelopes
- Merging to label
- Setting rules for merges
- Finish & Merge options

Module 9: Sharing and Maintaining Document

- Changing Word Options
- Changing the Proofing Tools
- Managing Templates
- Restricting Document Access
- Using Protected View
- Working with Templates
- Managing Templates
- Understanding building blocks

Module 10: Proofing the document

- Check Spelling As You Type.
- Mark Grammar Errors as You Type.
- Setting AutoCorrect Options

Module 11: Printing

- Page Setup, Setting margins
- Print Preview, Print

MS EXCEL

Module 12: Introduction to Excel

- Introduction to Excel interface
- Understanding rows and columns, Naming Cells
- Working with excel workbook and sheets

Module 13: Formatting excel work book:

- New, Open, Close, Save, Save As
- Formatting Text: Font Size, Font Style
- Font Color, Use the Bold, Italic, and Underline
- Wrap text, Merge and Centre
- Currency, Accounting and other formats
- Modifying Columns, Rows & Cells

Module 14: Perform Calculations with Functions

- Creating Simple Formulas
- Setting up your own formula
- Date and Time Functions, Financial Functions
- Logical Functions, Lookup and Reference
- Functions Mathematical Functions
- Statistical Functions, Text Functions.

Module 15: Sort and Filter Data with Excel

- Sort and filtering data
- Using number filter, Text filter
- Custom filtering
- Removing filters from columns

Conditional formatting

Module 16: Create Effective Charts to Present Data Visually

- Inserting Column, Pie chart etc.
- Create an effective chart with Chart Tool
- Design, Format, and Layout options
- Adding chart title
- Changing layouts
- Chart styles
- Editing chart data range
- Editing data series
- Changing chart

Module 17: Analyze Data Using PivotTables and Pivot Charts

- Understand PivotTables, Create a PivotTable
- Framework Using the PivotTable and PivotChart
- Create Pivot Chart from pivot Table.
- Inserting slicer
- Creating Calculated fields

Module 18: Protecting and sharing the work book

- Protecting a workbook with a password
- Allow user to edit ranges
- Track changes
- Working with Comments
- Insert Excel Objects and Charts in Word Document and Power point Presentation.

Module 19: Use Macros to Automate Tasks

- Creating and Recording Macros
- Assigning Macros to the work sheets
- Saving Macro enabled workbook

Module 20: Proofing and Printing

- Page setup, Setting print area, Print titles
- Inserting custom Header and Footer
- Inserting objects in the header and footer

- Page Setup, Setting margins, Print Preview, Print
 - Enable back ground error checking
- Setting AutoCorrect Options

MS POWERPOINT

Module 21: Setting Up PowerPoint Environment:

- New, Open, Close, Save, Save As
- Typing the text, Alignment of text
- Formatting Text: Font Size, Font Style
- Font Color, Use the Bold, Italic, and Underline
- Cut, Copy, Paste, Select All, Clear text
- Find & Replace
- Working with Tabs and Indents

Module 22: Creating slides and applying themes

- Inserting new slide
- Changing layout of slides
- Duplicating slides
- Copying and pasting slide
- Applying themes to the slide layout
- Changing theme color
- Slide background
- Formatting slide background
- Using slide views

Module 23: Working with bullets and numbering

- Multilevel numbering and Bulleting
- Creating List

- Page bordering
- Page background
- Aligning text
- Text directions
- Columns option

Module 24: Working with Objects

- Shapes, Clipart and Picture, Word Art, SmartArt
- Change the Order of Objects
- Inserting slide header and footer
- Inserting Text boxes
- Inserting shapes, using quick styles
- Inserting Word art
- Inserting symbols
- Inserting Chart

Module 25: Hyperlinks and Action Buttons

- Inserting Hyperlinks and Action Buttons
- Edit Hyperlinks and Action Button
- Word Art and Shapes

Module 26: Working With Movies and Sounds

- Inserting Movie From a Computer File
- Inserting Audio file
- Audio Video playback and format options
- Video options, Adjust options
- Reshaping and bordering Video

Module 27: Using SmartArt and Tables

- Working with Tables, Table Formatting
 - Table Styles
 - Alignment option
 - Merge and split option
- Converting text to smart art

Module 28: Animation and Slide Transition

- Default Animation, Custom Animation
- Modify a Default or Custom Animation
- Reorder Animation Using Transitions
- Apply a Slide Transition, Modifying a Transition, Advancing to the Next Slide

Module 29: Using slide Master

- Using slide master
- Inserting layout option
- Creating custom layout
- Inserting place holders

Formatting place holders

Module 30: Slide show option

- Start slide show
- Start show from the current slide
- Rehearse timing
- Creating custom slide show

Module 31: Proofing and Printing

- Check Spelling As You Type
- Setting AutoCorrect Options
- Save as video
- Save as JPEG files
- Save as PowerPoint Show file
- Print Preview, Print

MS OUTLOOK

- MAILING
- CALENDAR
- CONTACTS

GOOGLE SUITE

While you sign up for a google account or Gmail, you get access to other google features such as following.

- **Gmail:** Send and receive mail using your professional address, as in *bob@yourcompany.com*
- **Calendar:** Share calendars to easily schedule meetings and events
- **Docs/Sheet/slide:** Collaborate in real-time on online documents, spreadsheets, and presentations
- **Drive:** Store and back up files securely in the cloud
- **Meet:** Join video meetings from their laptop or other device
- **Forms;** for surveys, assignments and questionnaire

INTERNET & E-MAIL

- What is Internet?, Receiving Incoming Messages
- Sending Outgoing Messages, Email addressing
- Email attachments, Browsing, Search engines
- Text chatting, Job Searching, resume writing