



PANDAVESWAR COLLEGE

DEPARTMENT OF COMPUTER SCIENCE



30 HOURS ADD-ON COURSE IN COMPUTER FUNDAMENTALS & FINANCIAL LITERACY



SYLLABUS

OBJECTIVE:

The course is designed to aim at imparting a basic level appreciation programme for the common pupil. After completing the course, the incumbent is able to use the computer for basic purposes such as preparing personnel/business letters, viewing information on Internet (the web), sending mails, using internet banking services etc. This allows an individual to be also a part of computer users list by making him / her digitally literate. This would also aid the PC penetration program. This helps the small business communities & others to maintain their small account using the computers and enjoy in the world of Information Technology.

The module on financial literacy will enable the individuals to understand the various financial services and be aware of the various schemes of Government of India.

DURATION:

30 Hours. (Theory: 10 hrs. + Practical: 16 hrs. + Tutorial: 04 hrs.)

ALLOCATION OF TOTAL HOURS FOR EACH CHAPTER:

Sl. No.	Chapter	Theory Hours	Tutorial Hours	Practical Hours
1.	Knowing Computer	1	1	1
2.	Operating Computer Using GUI Based Operating System	1.5	0	2
3.	Understanding Word Processing	1.5	1	3
4.	Using Spread Sheet	1	1	3
5.	Introduction To Internet, WWW and Web Browsers	2	0	2
6.	Communications and Collaboration	1	0	2
7.	Making Small Presentation	1	1	2
8.	Financial Literacy for Banking Scheme and Applications	1	0	1
	Total Hours	10	4	16



SYLLABUS OUTLINE:

1. Knowing computer: What is Computer, Basic Applications of Computer; Components of Computer System, Central Processing Unit (CPU), VDU, Keyboard and Mouse, Other input/output Devices, Computer Memory, Concepts of Hardware and Software; Concept of Computing, Data and Information; Applications of ICT; Connecting keyboard, mouse, monitor and printer to CPU and checking power supply.

2. Operating Computer using GUI Based Operating System: What is an Operating System; Basics of Popular Operating Systems; The User Interface, Using Mouse; Using right Button of the Mouse and Moving Icons on the screen, Use of Common Icons, Status Bar, Using Menu and Menu-selection, Running an Application, Viewing of File, Folders and Directories, Creating and Renaming of files and folders, Opening and closing of different Windows; Using help; Creating Shortcuts, Basics of O.S Setup; Common utilities.

3. Understanding Word Processing: Word Processing Basics; Opening and Closing of documents; Text creation and Manipulation; Formatting of text; Table handling; Spell check, language setting and thesaurus; Printing of word document.

4. Using Spread Sheet: Basics of Spread sheet; Manipulation of cells; Formulas and Functions; Editing of Spread Sheet, printing of Spread Sheet.

5. Introduction to Internet, WWW and Web Browsers: Basic of Computer networks; LAN, WAN; Concept of Internet; Applications of Internet; connecting to internet; What is ISP; Knowing the Internet; Basics of internet connectivity related troubleshooting, World Wide Web; Web Browsing software, Search Engines; Understanding URL; Domain name; IP Address; Using e-governance website

6. Communications and collaboration: Basics of electronic mail; Getting an email account; Sending and receiving emails; Accessing sent emails; Using Emails; Document collaboration; Instant Messaging; Netiquettes.

7. Making Small Presentation: Basics of presentation software; Creating Presentation; Preparation and Presentation of Slides; Slide Show; Taking printout of presentation/handouts.

8. Financial Literacy for Banking Scheme and Applications: Why savings are needed, Why save in a bank, Banking products-ATM card, Banking Instruments-Cheque, Demand Draft (DD), Banking Services Delivery Channels, Know Your Customer (KYC), Opening of bank account and documents required, Types of bank accounts, Bank's services including remittances, loan, mobile banking, Overdraft, Pension etc., Pradhan Mantri Jan Dhan Yojana (PMJDY), password security and ATM withdrawal, Insurance, Social Security Schemes-Atal Pension Yojana (APY), Pradhan Mantri Suraksha Bima Yojana (PMSBY), Pradhan Mantri Jeevan Jyoti Bima Yojana (PMJJBY), Pradhan Mantri Mudra Yojana (PMMY).



DETAILED SYLLABUS

1. KNOWING COMPUTER

- 1.0 Introduction
- 1.1 Objectives
- 1.2 What is Computer?
 - 1.2.1 Basic Applications of Computer
- 1.3 Components of Computer System
 - 1.3.1 Central Processing Unit
 - 1.3.2 Keyboard, mouse and VDU
 - 1.3.3 Other Input devices
 - 1.3.4 Other Output devices
 - 1.3.5 Computer Memory
- 1.4 Concept of Hardware and Software
 - 1.4.1 Hardware
 - 1.4.2 Software
 - 1.4.2.1 Application Software
 - 1.4.2.2 System Software
- 1.5 Concept of computing, data and information
- 1.6 Applications of ICT
 - 1.6.1 e-governance
 - 1.6.2 Entertainment
- 1.7 Bringing computer to life
 - 1.7.1 Connecting keyboard, mouse, monitor and printer to CPU
 - 1.7.2 Checking power supply
- 1.8 Summary
- 1.9 Model Answers

2. OPERATING COMPUTER USING GUI BASED OPERATING SYSTEM

- 2.0 Introduction
- 2.1 Objectives
- 2.2 Basics of Operating System
 - 2.2.1 Operating system
 - 2.2.2 Basics of popular operating system (LINUX, WINDOWS)
- 2.3 The User Interface
 - 2.3.1 Task Bar
 - 2.3.2 Icons
 - 2.3.3 Menu
 - 2.3.4 Running an application
- 2.4 Operating System Simple Setting
 - 2.4.1 Changing System Date and Time
 - 2.4.2 Changing Display Properties
 - 2.4.3 To Add or Remove a Windows Component
 - 2.4.4 Changing Mouse Properties
 - 2.4.5 Adding and removing Printers
- 2.5 File and Directory Management
 - 2.5.1 Creating and renaming of files and directories



- 2.6 Common utilities
- 2.7 Summary
- 2.8 Model Answers

3. UNDERSTANDING WORD PROCESSING

- 3.0 Introduction
- 3.1 Objectives
- 3.2 Word Processing Basics
 - 3.2.1 Opening Word Processing Package
 - 3.2.2 Menu Bar
 - 3.2.3 Using The Help
 - 3.2.4 Using The Icons Below Menu Bar
- 3.3 Opening and closing Documents
 - 3.3.1 Opening Documents
 - 3.3.2 Save and save as
 - 3.3.3 Page Setup
 - 3.3.4 Print Preview
 - 3.3.5 Printing of Documents
- 3.4 Text Creation and manipulation
 - 3.4.1 Document Creation
 - 3.4.2 Editing Text
 - 3.4.3 Text Selection
 - 3.4.4 Cut, Copy and Paste
 - 3.4.5 Spell check
 - 3.4.6 Thesaurus
- 3.5 Formatting the Text
 - 3.5.1 Font and Size selection
 - 3.5.2 Alignment of Text
 - 3.5.3 Paragraph Indenting
 - 3.5.4 Bullets and Numbering
 - 3.5.5 Changing case
- 3.6 Table Manipulation
 - 3.6.1 Draw Table
 - 3.6.2 Changing cell width and height
 - 3.6.3 Alignment of Text in cell
 - 3.6.4 Delete/ Insertion of row and column
 - 3.6.5 Border and shading
- 3.7 Summary
- 3.8 Model Answers

4. USING SPREADSHEET

- 4.0 Introduction
- 4.1 Objectives
- 4.2 Elements of Electronic Spreadsheet
 - 4.2.1 Opening of Spreadsheet
 - 4.2.2 Addressing of Cells



- 4.2.3 Printing of Spreadsheet
- 4.2.4 Saving Workbooks
- 4.3 Manipulation of Cells
 - 4.3.1 Entering Text, Numbers and Dates
 - 4.3.2 Creating Text, Number and Date Series
 - 4.3.3 Editing Worksheet Data
 - 4.3.4 Inserting and Deleting Rows, Column
 - 4.3.5 Changing Cell Height and Width
- 4.4 Formulas and Function
 - 4.4.1 Using Formulas
 - 4.4.2 Function
- 4.5 Summary
- 4.6 Model Answers

5. INTRODUCTION TO INTERNET, WWW AND WEB BROWSERS

- 5.0 Introduction
- 5.1 Objectives
- 5.2 Basic of Computer Networks
 - 5.2.1 Local Area Network (LAN)
 - 5.2.2 Wide Area Network (WAN)
- 5.3 Internet
 - 5.3.1 Concept of Internet
 - 5.3.2 Applications of Internet
 - 5.3.3 Connecting to the Internet
 - 5.3.4 Troubleshooting
- 5.4 World Wide Web (WWW)
- 5.5 Web Browsing Software
 - 5.5.1 Popular Web Browsing Software
- 5.6 Search Engines
 - 5.6.1 Popular Search Engines/ Search for content
 - 5.6.2 Accessing Web Browser
 - 5.6.3 Using Favorites Folder
 - 5.6.4 Downloading Web Pages
 - 5.6.5 Printing Web Pages
- 5.7 Understanding URL
- 5.8 Surfing the web
 - 5.8.1 Using e-governance website
- 5.9 Summary
- 5.10 Model Answers

6. COMMUNICATIONS AND COLLABORATION

- 6.0 Introduction
- 6.1 Objectives
- 6.2 Basic of E-mail
 - 6.2.1 What is an Electronic Mail
 - 6.2.2 Email Addressing



- 6.3 Using E-mails
 - 6.3.1 Opening Email account
 - 6.3.2 Mailbox: Inbox and Outbox
 - 6.3.3 Creating and sending a new E-mail
 - 6.3.4 Replying to an E-mail message
 - 6.3.5 Forwarding an E-mail message
 - 6.3.6 Sorting and Searching emails
- 6.4 Document collaboration
- 6.5 Instant Messaging and Collaboration
 - 6.5.1 Using Instant messaging
 - 6.5.2 Instant messaging providers
 - 6.5.3 Netiquettes
- 6.6 Summary
- 6.7 Model Answers

7. MAKING SMALL PRESENTATIONS

- 7.0 Introduction
- 7.1 Objectives
- 7.2 Basics
 - 7.2.1 Using PowerPoint
 - 7.2.2 Opening a PowerPoint Presentation
 - 7.2.3 Saving a Presentation
- 7.3 Creation of Presentation
 - 7.3.1 Creating a Presentation Using a Template
 - 7.3.2 Creating a Blank Presentation
 - 7.3.3 Entering and Editing Text
 - 7.3.4 Inserting and Deleting Slides in a Presentation
- 7.4 Preparation of Slides
 - 7.4.1 Inserting Word Table or an Excel Worksheet
 - 7.4.2 Adding Clip Art Pictures
 - 7.4.3 Inserting Other Objects
 - 7.4.4 Resizing and Scaling an Object
- 7.5 Presentation of Slides
 - 7.5.1 Viewing a Presentation
 - 7.5.2 Choosing a Set Up for Presentation
 - 7.5.3 Printing Slides and Handouts
- 7.6 Slide Show
 - 7.6.1 Running a Slide Show
 - 7.6.2 Transition and Slide Timings
 - 7.6.3 Automating a Slide Show
- 7.7 Summary
- 7.8 Model Answers



8. FINANCIAL LITERACY FOR BANKING SCHEME AND APPLICATIONS

- 8.0 Introduction
- 8.1 Objectives
- 8.2 Why Savings are needed?
 - 8.2.1 Emergencies
 - 8.2.2 Future Needs
 - 8.2.3 Large expenses
- 8.3 Drawbacks of keeping Cash at home
 - 8.3.1 Unsafe
 - 8.3.2 Loss of Growth Opportunity
 - 8.3.3 No Credit Eligibility
- 8.4 Why Bank is needed?
 - 8.4.1 Secure Money, Earn Interest, Get Loan
 - 8.4.2 Inculcate habit of saving
 - 8.4.3 Remittances using Cheque Demand Draft
 - 8.4.4 Avoid risk of chit funds, sahu kars
 - 8.4.5 Documents needed for opening a bank account
- 8.5 Banking Products
 - 8.5.1 Types of Accounts and Deposit
 - 8.5.2 Types of Loan and Overdrafts
 - 8.5.3 Filling up of Cheques, Demand Drafts
- 8.6 Banking Service Delivery Channels - I
 - 8.6.1 Bank Branch, ATM
 - 8.6.2 Bank Mitra with Micro ATM
- 8.7 Banking Service Delivery Channels - II
 - 8.7.1 Internet Banking
 - 8.7.2 National Electronic Fund Transfer (NEFT), Real Time Gross Settlement (RTGS)
- 8.8 Various Schemes
 - 8.8.1 Pradhan Mantri Jan-Dhan Yojana (PMJDY)
 - 8.8.2 Social Security Schemes
 - 8.8.2.1 Pradhan Mantri Suraksha Bima Yojana (PMSBY)
 - 8.8.2.2 Pradhan Mantri Jeevan Jyoti Bima Yojana (PMJJBY)
 - 8.8.2.3 Atal Pension Yojana (APY)
 - 8.8.2.4 Pradhan Mantri Mudra Yojana (PMMY)
 - 8.8.3 National Pension Scheme
 - 8.8.4 Public Provident Fund (PPF) Scheme
- 8.9 Bank on your mobile
 - 8.9.1 Mobile Banking
 - 8.9.2 Mobile Wallets
- 8.10 Insurance
 - 8.10.1 Necessity of Insurance
 - 8.10.2 Life Insurance and Non-life Insurance
- 8.11 Summary
- 8.12 Model Answers

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FEES: UNPAID COURSE

EVALUATION POLICY FOR THE ADD-ON COURSE

The basic philosophy behind the Evaluation policy for this 30 Hours Add-on course is to objectively judge the participants (students) whether the concepts were understandable to them or not and whether they could apply these concepts to solve numerical and conceptual problems. The Evaluation would be done through 3 components –

- i) C1 – Course-end Assessment-cum-Test (Written / Online mode) [Total Marks: 40]
- ii) C2 – Viva-voce [Total Marks: 5]
- iii) C3 – Attendance [Total Marks: 5]

Total Mark of the Evaluation process would be 50.

At the end of the Course, there would be a Course-end Assessment-cum-Test evaluation and a Viva based on the entire Course syllabus. Attendance Component Marks would be calculated based on the actual Attendance Percentage of the Student during the classes of the Course.

TABLE FOR QUALIFICATION

TOTAL SCORE (OUT OF 50)	GRADE
40 - 50	A - OUTSTANDING
30 - 39	B - EXCELLENT
20 - 29	C – VERY GOOD
BELOW 20	D - FAILED

GENERAL RULES AND REGULATIONS

1. Students must attend and appear for the Course-End Assessment-cum-Test Examination. If any student fails to submit the Course-End Assessment or fails to attend the Course-End Assessment Examination, the particular Student would NOT BE ELIGIBLE FOR CERTIFICATE.
2. Students must attend and appear for the Course-End Viva. If any student fails to attend the Course-End Viva, the particular Student would NOT BE ELIGIBLE FOR CERTIFICATE.
3. Total Marks of Course Evaluation will be 50 Marks.
4. Minimum 50% Marks have to be scored to receive any Certificate. There will be only ONE Attempt allowed for the Course-End Assessment-cum-Test.
5. There will be NO PROVISION for Backlog Clearance.
6. General Rules and Regulations of the College must be followed without any exception.