

Objective:

The course is designed to equip a person to use computers for professional as well as day to day use. It provides theoretical background as well as in depth knowledge of Software/ packages. After completing the course, the incumbent will be digitally literate and will be able to:

- Acquire confidence in using computers in Office and General Life;
- Will be able to identify the basic components of computers and terminology;
- Understand file management;
- Create documents using word processor, spreadsheet & presentation software;
- Understand computer networks, and browse the internet, content search, email and collaborate with peers;
- Use e-Governance applications; and use computer to improve existing skills and learn new skills
- Understanding Social Networking platform
- Using internet for Digital Financial services
- Develop introductory knowledge of Cyber Security.
- Develop knowledge about Future skills

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

Duration:

90 Hours - (Theory: 30 hrs + Practical: 60 hrs)

This course can also be offered as 10 days' full time intensive course.

Eligibility:

No minimum qualification is required for applying and appearing for the examination in Course on Computer Concepts [CCC].

Job Role:

Computer Operator, Data Entry Operator and Social Media Operator

Detailed Syllabus and Learning Outcome:

S.	Chapter Name	Course Outline	Durat	-	Learning Outcomes
No.			(Hour	rs)	
			Theory	Lab	
1	Chapter-1	1.0 Introduction			After completion ofthis
	Introduction	1.1 Objectives	2	4	chapter, the candidate
	to Computer	1.2 Computer and Latest IT gadgets			will be ableto
		1.2.1 Evolution of Computers & its applications			• identify computers,
		1.2.2 IT gadgets and their applications			IT gadgets and
		1.3 Basics of Hardware and Software			explain their
		1.3.1 Hardware			evolution and

National Institute of Electronics and Information Technology (NIELIT)- Syllabus of CCC [Revision 4 - Implemented w.e.f. 01st October, 2023]



		1.3.1.1 Central Processing Unit			applications.
		1.3.1.2 Input devices			• Get familiar with
		1.3.1.3 Output devices			various input,
		1.3.1.4 Computer Memory & storage			output and
		1.3.2 Software			hardware
		1.3.2.1 Application Software			components of a
		1.3.2.2 Systems Software			computer along
		1.3.2.3 Utility Software			with storage
		1.3.2.4 Open source and Proprietary Software			devices.
		1.3.2.5 Mobile Apps			• Get familiar with
		1.4 Summary 1.5 Model Questions and Answers			various types of
		1.5 Model Questions and Answers			softwares, utilities
					used for computer
-					and mobile apps.
2	Chapter-2	2.0 Introduction	3	4	After learning this
	Introduction	2.1 Objectives	5	-	chapter, candidate will
	to Operating	2.2 Operating System 2.2.1 Basics of Operating system			be Wall acquainted
	System	2.2.1 Operating Systems for Desktop and Laptop			• Well acquainted with Operating
		2.2.2 Operating Systems for Mobile Phone and			System and its
		Tablets			applications for
		2.3 User Interface for Desktop and Laptop			both desktop and
		2.3.1 Task Bar			mobile devices.
		2.3.2 Icons & shortcuts			 able to identify
		2.3.3 Running an Application			various desktop
		2.4 Operating System Simple Setting			screen components
		2.4.1 Using Mouse and Changing its Properties			and modify various
		2.4.2 Changing System Date and Time			properties, date,
		2.4.3 Changing Display Properties			time etc.
		2.4.4 To Add or Remove Program and Features			• able to add and
		2.4.5 Adding, Removing & Sharing Printers			remove new
		2.5 File and Folder Management			program and
		2.6 Types of file Extensions			features, manage
		2.7 Summary2.8 Model Questions and Answers			files and folders.
		2.6 Model Questions and Answers			• Well versed with
					printing and know
					various types of file extensions.
3.	Chapter-3	3.0 Introduction			After completion ofthis
5.	Shupter 5	3.1 Objective	4	8	chapter, candidate will
	WORD	3.2 Word Processing Basics	-	Ũ	have
	PROCESSING	3.2.1 Opening Word Processing Package			• In depth
		3.2.2 Title Bar, Menu Bar, Toolbars & Sidebar			Knowledge of Word
		3.2.3 Creating a New Document			Processing, their
		3.3 Opening and Closing Documents			usage, details of
		3.3.1 Opening Documents			word processing
		3.3.2 Save and Save As			screen.
		3.3.3 Closing Document			• Opening, savingand
		3.3.4 Using The Help			printing a
		3.3.5 Page Setup			document
		3.3.6 Print Preview3.3.7 Printing of Documents			including pdf files.
		3.3.8 PDF file and Saving a Document as PDF file			• Document creation,
		5.5.0 I DI IIIe and Saving a Document as PDF life			formatting of text,



4.Chapter 43.4.1Document CreationInserting Reader and Forter on the document3.4.2Editing Text 3.4.3Text Selection 3.4.4Cut. Copy and Paste 3.4.5Inserting Reader and Forter on the document3.4.3A.4.4Cut. Copy and Paste 3.4.5Forn, Color, Style and Size selection 3.4.6Alignment of Text and Correct, Speling & Grammar 3.4.9Find and Repiace paster 3.4.9Find and Repiace and Size selection 3.4.9Able to insert and manipulate tables, a document a.5.1Paragraph Indentation a.5.2Able to insert and manipulate tables, a document a.5.2Builets and Numbering 3.5.3Change Case a.5.4Header & Footor a.5.5Able to insert and manipulate tables, a document a.6.2Changing case a.5.6Changing case a.5.6Changing case a.5.7Mail MergeCam prepare copies of a document labels etc for sending various recipients using Mail Merge.4.Chapter 44.0Introduction 4.1Objectives 4.2.2Concept Cell Address [Kow and Column] and selecting a Cell 4.2.3Find and Secting a Cell 4.2.4After completion ofhis chases, duals, on preadsheet 4.2.6Saving Spreadsheet 4.2.6Saving Spreadsheet 4.2.7Deening of Spread Sheet 4.2.7Spreadsheet 4.2.6Spreadsheet screen.4.3Mainly fediting Cell Content 4.3.4Atoming Cell Content 4.3.5Atoming Cell Content 4.3.6Spreadsheet screen.Spreadsheet screen.4.4Chapter Jap Alex P, Pate S, Pat			3.4 Text Creation and manipulation			paragraph and
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Main Merge3.6.5Border and Shading3.7Mail Merge3.8Shortcut Keys3.9Summary3.10Model Questions and Answers4.Chapter-44.0Introduction4.1Objectives5SREAD5SHEET4.2.1Creating of Spread Sheet4.2.2Concept of Cell Address [Row and Column]and selecting a Cell4.2.3Entering Data [text, number, date] in Cells4.2.4Page Setup4.2.5Printing of Sheet4.2.6Gaving Spreadsheet4.2.7Opening and Closing4.3Main Merge.4.3Main Merge.4.3Chapter, candidate willA.3.1Modifying / Editing Cell Content4.3.2Formulas, Functions and Charts4.3.3Cut, Copy, Paste & Paste Special4.3.4Changing Cell Height and Width4.3.5Inserting and Deleting Rows, Column4.3.6AutoFill4.3.7Sorting & Filtering4.3.8Freezing panes4.4Formulas, Functions and Charts4.4.1Using Formulas for Numbers (Addition, Subtraction, Multiplication & Division)4.4.2AutoSum4.4.3Functions (Sum, Count, MAX, MIN, AVERAGE)4.4.4Charts (Bar, Pie, Line)4.5Summary			5			recipients using
3.6.5Border and Shading 3.7Mail Merge 3.8Shortcut Keys 3.9Model Questions and Answers4.Chapter-44.0Introduction 1J4.Chapter-44.0Introduction 1J5SPREAD SHEET4.2Elements of Spread Sheet 4.2.1J4.Chapter-44.0Introduction 1J5SPREAD SHEET4.2Elements of Spread Sheet 4.2.2Goncept of Cell Address [Row and Column] and selecting a Cell 4.2.3J4.1.A.2.2Concept of Cell Address [Row and Column] and selecting a Cell 4.2.5Basic Knowledge of Spreadsheet 4.2.6Saving Spreadsheet screen.4.3.Manipulation of Cells & Sheet 4.3.3Cut, Copy, Paste & Paste Special 4.3.4Changing Cell Heipt and Width 4.3.5Inserting and Deleting Rows, Column 4.3.8Spreadsheet screen spreadsheet screen4.4.1Using Formulas for Numbers (Addition, Subtraction, Multiplication & Division) 4.4.2AutoSum 4.4.3Inserting and deleting rows (columns.4.4.3Functions (Sum, Count, MAX, MIN, AVERAGE) 4.4.4Charts (Bar, Pie, Line)Prepare chart to reresent the						Mail Merge.
3.7Mail Merge 3.8Shortcut Keys 3.9Summary 3.10After completion of this chapter-44.Chapter-44.0Introduction 4.1Objectives39After completion of this chapter, candidate will have good hands- on practice onSPREAD SHEET4.2Elements of Spread Sheet 4.2.139After completion of this chapter, candidate will have good hands- on practice onA.1Objectives39After completion of this chapter, candidate will have good hands- on practice onSHEET4.2.1Creating of Spread Sheet 4.2.2Concept of Cell Address [Row and Column] and selecting a Cell 4.2.539A.2.5Printing of Sheet 4.2.6Saving Spreadsheet 4.2.7Opening and Closing						0
3.8Shortcut Keys 3.9Summary Summary3.10Model Questions and AnswersA4.Chapter-44.04.1Objectives35SPREAD4.2Elements of Spread Sheet4.3A.2.1Creating of Spread Sheet4.2.24.4.2Concept of Cell Address [Row and Column] and selecting a Cell4.2.3Entering Data [text, number, date] in Cells4.2.4Page Setup4.2.5Printing of Sheet4.2.6Saving Spreadsheet4.2.7Opening and Closing4.3Manipulation of Cells & Sheet4.3.1Modifying / Editing Cell Content4.3.2Formutaing Cell (Font, Alignment, Style)4.3.3Cut, Copy, Paste & Paste Special4.3.4Changing Cell Height and Width4.3.5Inserting and Deleting Rows, Column4.3.6AutoFill4.3.7Sorting & Filtering4.3.8Freezing panes4.4Formulas, Functions and Charts4.4.1Using Formulas for Numbers (Addition, Subtraction, Multiplication & Division)4.4.2AutoSum4.4.3Functions (Sum, Count, MAX, MIN, AVERAGE)4.4.5Summary4.5Summary			0			
3.9Summary 3.10Model Questions and Answers4.Chapter-44.0Introduction4.4.0Introduction39SPREAD SHEET4.2Elements of Spread Sheet394.2.1Creating of Spread Sheet4.2.2Concept of Cell Address [Row and Column] and selecting a Cell394.2.3Entering Data [text, number, date] in Cells4.2.5Printing of Sheet94.2.5Printing of Sheet4.2.6Saving Spreadsheet94.2.6Saving Spreadsheet4.2.7Opening and Closing94.3Manipulation of Cells & Sheet4.3.1Modifying / Editing Cell Content94.3.2Formating Cell (Font, Alignment, Style)4.3.3Cut, Copy, Paste & Paste Special4.3.4Changing Cell Height and Width4.3.6AutoFill4.3.5Inserting and Deleting Rows, Column4.3.8Freezing panes4.4Formulas, Functions and Charts4.4Formulas for Numbers (Addition, Subtraction, Multiplication & Division)4.4.2AutoSum4.4.3Functions (Sum, Count, MAX, MIN, AVERAGE)4.4.4Kartarts (Bar, Pie, Line)4.4.4Charts (Bar, Pie, Line)4.5Summary4.4Charts (Bar, Pie, Line)			5			
A.Chapter-44.0Introduction3After completion of this chapter, candidate will have good hands- on practice on4.Chapter-44.0Introduction39After completion of this chapter, candidate will have good hands- on practice on5SPREAD SHEET4.2.1Creating of Spread Sheet39After completion of this chapter, candidate will have good hands- on practice on4.2.2Concept of Cell Address [Row and Column] and selecting a Cell4.2.3Entering Data [text, number, date] in Cells89After completion of this chapter, candidate will have good hands- on practice on4.2.3Entering Data [text, number, date] in Cells4.2.4Page Setup9Basic Knowledge of Spreadsheet screen.4.2.5Printing of Sheet4.2.7Opening and Closing-0Opening, savingand printing a Spreadsheet4.3Manipulation of Cells & Sheet4.3.1Modifying / Editing Cell Content 4.3.3Cut, Copy, Paste & Paste Special 4.3.4-Spreadsheet4.3.4Changing Cell (Font, Alignment, Style)Spreadsheet creation, inserting and editing data in cells, sorting and filtering 4.3.8Freezing panes-4.4Formulas, Functions and Charts 4.4.4Formulas for Numbers (Addition, Subtraction, Multiplication & Division) 4.4.2-Applying basic formulas and dueleting rows /columns.4.4.5Summary4.5Summary			5			
4.Chapter-44.0Introduction 4.1Objectives39After completion of this chapter, candidate will have good hands- on practice onSPREAD SHEET4.2Elements of Spread Sheet 4.2.1Creating of Spread Sheet 4.2.2oncent of Cell Address [Row and Column] and selecting a Cell 4.2.359After completion of this chapter, candidate will have good hands- on practice on on and selecting a Cell 4.2.39After completion of this chapter, candidate will have good hands- on practice on on and selecting a Cell 4.2.4Page Setup 4.2.59After completion of this chapter, candidate will have good hands- on practice on on and selecting a Cell 4.2.59After completion of this chapter, candidate will have good hands- on practice on on and selecting a Cell screadsheet 4.2.69After completion of this chapter, candidate will have good hands- on practice on on and selecting and Elexing screadsheet accessing, their usage, details of Spreadsheet accessing, savingand printing a Spreadsheet4.3Manipulation of Cells & Sheet 4.3.4After completion of Cell & Sheet 4.3.594.3.4Changing Cell Height and Width 4.3.89Spreadsheet creation, inserting and deleting rows (columns.4.4Formulas, Functions and Charts 4.4.14.3.110104.5Summary 4.4.2 <t< th=""><th></th><th></th><th>5</th><th></th><th></th><th></th></t<>			5			
SPREAD SHEET4.1 Objectives39chapter, candidate will have good hands- on practice onSHEET4.2 Elements of Spread Sheet 4.2.1 Creating of Spread Sheet 4.2.2 Concept of Cell Address [Row and Column] and selecting a Cell 4.2.3 Entering Data [text, number, date] in Cells 4.2.4 Page Setup 4.2.5 Printing of Sheet 4.2.6 Saving Spreadsheet 4.2.6 Saving Spreadsheet 4.3.1 Modifying / Editing Cell Content 4.3.2 Formatting Cell (Font, Alignment, Style) 4.3.3 Cut, Copy, Paste & Paste Special 4.3.4 Changing Cell Height and Width 4.3.5 Inserting and Deleting Rows, Column 4.3.6 AutoFill 4.3.8 Freezing panes000 <td< th=""><th></th><th></th><th></th><th></th><th></th><th></th></td<>						
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 4.2.2 Concept of Cell Address [Row and Column] and selecting a Cell 4.2.3 Entering Data [text, number, date] in Cells 4.2.4 Page Setup 4.2.5 Printing of Sheet 4.2.6 Saving Spreadsheet 4.2.7 Opening and Closing 4.3 Manipulation of Cells & Sheet 4.3.1 Modifying / Editing Cell Content 4.3.2 Formatting Cell (Font, Alignment, Style) 4.3.3 Cut, Copy, Paste & Paste Special 4.3.4 Changing Cell Height and Width 4.3.5 Inserting and Deleting Rows, Column 4.3.6 AutoFill 4.3.7 Sorting & Filtering 4.3.8 Freezing panes 4.4 Formulas, Functions and Charts 4.4.1 Using Formulas for Numbers (Addition, Subtraction, Multiplication & Division) 4.4.2 AutoSum 4.4.4 Charts (Bar, Pie, Line) 4.5 Summary 			· · · · · · · · · · · · · · · · · · ·	3	9	
and selecting a CellSpreadsheet4.2.3Entering Data [text, number, date] in CellsProcessing, their4.2.4Page Setupusage, details of4.2.5Printing of Sheetscreen.4.2.6Saving Spreadsheetscreen.4.2.7Opening and ClosingOpening, savingand4.3Manipulation of Cells & Sheetscreen.4.3.1Modifying / Editing Cell Contentspreadsheet.4.3.2Formating Cell (Font, Alignment, Style)Spreadsheet.4.3.3Cut, Copy, Paste & Paste Specialcreating data in4.3.4Changing Cell Height and Widthad editing data in4.3.5Inserting and Deleting Rows, Columnfiltering of data.4.3.8Freezing panesInserting and4.4Formulas, Functions and Charts/columns.4.4.1Using Formulas for Numbers (Addition, Subtraction, Multiplication & Division)Applying basic formulas and functions.4.4.3Functions (Sum, Count, MAX, MIN, AVERAGE)Prepare chart to represent the			4.2 Elements of Spread Sheet	3	9	
4.2.3 Entering Data [text, number, date] in CellsProcessing, their4.2.4 Page Setupusage, details of4.2.5 Printing of SheetSpreadsheet4.2.6 Saving Spreadsheetscreen.4.2.7 Opening and ClosingOpening, savingand4.3 Manipulation of Cells & Sheetscreen.4.3.1 Modifying / Editing Cell ContentSpreadsheet.4.3.2 Formatting Cell (Font, Alignment, Style)Spreadsheet.4.3.3 Cut, Copy, Paste & Paste SpecialSpreadsheet.4.3.4 Changing Cell Height and WidthSpreadsheet.4.3.5 Inserting and Deleting Rows, Columncells, sorting and4.3.6 AutoFillfiltering of data.4.3.7 Sorting & FilteringInserting and4.3.8 Freezing panesInserting and4.4.1 Using Formulas for Numbers (Addition, Subtraction, Multiplication & Division)Applying basic4.4.2 AutoSumAutoSum4.4.3 Functions (Sum, Count, MAX, MIN, AVERAGE)Prepare chart to represent the			4.2 Elements of Spread Sheet 4.2.1 Creating of Spread Sheet	3	9	have good hands- on
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 4.2.5 Printing of Sheet 4.2.6 Saving Spreadsheet 4.2.7 Opening and Closing 4.3 Manipulation of Cells & Sheet 4.3.1 Modifying / Editing Cell Content 4.3.2 Formatting Cell (Font, Alignment, Style) 4.3.3 Cut, Copy, Paste & Paste Special 4.3.4 Changing Cell Height and Width 4.3.5 Inserting and Deleting Rows, Column 4.3.6 AutoFill 4.3.7 Sorting & Filtering 4.3.8 Freezing panes 4.4 Formulas, Functions and Charts 4.4.1 Using Formulas for Numbers (Addition, Subtraction, Multiplication & Division) 4.4.2 AutoSum 4.4.3 Functions (Sum, Count, MAX, MIN, AVERAGE) 4.4.4 Charts (Bar, Pie, Line) 			 4.2 Elements of Spread Sheet 4.2.1 Creating of Spread Sheet 4.2.2 Concept of Cell Address [Row and Column] and selecting a Cell 	3	9	have good hands- onpractice onBasic Knowledge of
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6.3.5 ISP and Role of ISP available to acc		
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6.3.7 Modes of Connecting Internet (Hotspot, Wi- Connect to Inter		rnet
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6.5 Exploring the Internet device		
6.5.1 Surfing the web identification	ation	on
6.5.2 Popular Search Engines local network as		
6.5.3 Searching on Internet well as on Internet		
6.5.4 Downloading Web Pages for both Deskto		
6.5.5 Printing Web Pages		r

National Institute of Electronics and Information Technology (NIELIT)- Syllabus of CCC [Revision 4 - Implemented w.e.f. 01st October, 2023]



7.	Chapter-7	 6.6 Summary 6.7 Model Questions and Answers 7.0 Introduction 			and Mobile Devices. • Can search Information on the Internet on various topics. • Download and print web pages. After completion ofthis
7.	E-mail, Social Networking and e- Governance Services	 7.1 Objectives 7.2 Structure of E-mail 7.3 Using E-mails 7.3.1 Opening Email account 7.3.2 Mailbox: Inbox and Outbox 7.3.3 Creating and Sending a new E-mail 7.3.4 Replying to an E-mail message 7.3.5 Forwarding an E-mail message 7.3.6 Searching emails 7.3.7 Attaching files with email 7.3.8 Email Signature 7.4 Social Networking & e-Commerce 7.4.1 Facebook, Twitter, LinkedIn, Instagram 7.4.2 Instant Messaging (WhatsApp, Facebook Messenger, Telegram) 7.4.3 Introduction to Blogs 7.4.4 Basics of E-commerce 7.4.5 Netiquettes 7.5 Overview of e-Governance Services like Railway Reservation, Passport, eHospital [ORS] 7.6 Accessing e-Governance Services on Mobile Using "UMANG APP" 7.7 Digital Locker 7.8 Summary 7.9 Model Questions and Answers 	3	6	 chapter, candidate will be able to: Create an email account, compose an email, reply an email and send the email along with attachments. Get familiar with Social Networking, Instant Messaging and Blogs. Get familiar with e- Governance Services, e- Commerce and Mobile Apps.
8.	Chapter-8 DIGITAL FINANCIAL TOOLS AND APPLICATION S	 8.0 Introduction 8.1 Objectives 8.2 Digital Financial Tools 8.2.1. Understanding OTP [One Time Password]and QR [Quick Response] Code 8.2.2 UPI [Unified Payment Interface] 8.2.3 AEPS [Aadhaar Enabled Payment System] 8.2.4 USSD[Unstructured Supplementary Service Data] 8.2.5 Card [Credit / Debit] 8.2.6 eWallet 8.2.7 PoS [Point of Sale] 8.3 Internet Banking 8.3.1 National Electronic Fund Transfer (NEFT) 8.3.2 Real Time Gross Settlement (RTGS) 8.3 Inmediate Payment Service (IMPS) 8.4 Online Bill Payment 8.5 Summary 8.6 Model Questions and Answers 	3	5	 After completion ofthis chapter, candidate will be able to: Know the Digital Financial Tools. Get Knowledge of Internet Banking Modes. Get familiar with e- Governance Services, e- Commerce and Mobile Apps. Use the Digital Locker and will be able to store documents in Digital Locker.



9.	Chapter-9 Overview of Cyber Security	 9.0 Cyber Security 9.0.1 Needand Goal of Cyber Security 9.0.2 Securing PC 9.0.3 Securing Browser 9.0.4 Securing Email and Social Media Accounts (Facebook, Instagram, WhatsApp) 9.0.5 Securing Smart Phone 9.1 Summary 9.2 Model Questions and Answers 	3	5	After completion ofthis chapter, candidate will be familiar withthe : • Will be able to understand need of Cyber Security and will be able to secure their PC and Mobile devices by using basic security features.
	Chapter-10 Overview of Future skills and Artificial Intelligence	 10.0 Introduction to Future skills 10.1 Introduction to 10.1.1 Internet of Things (IoT) 10.1.2 Big Data Analytics 10.1.3 Cloud Computing 10.1.4 Virtual Reality 10.1.5 Artificial Intelligence 10.1.6 Social & Mobile 10.1.7 Blockchain Technology 10.1.8 3D Printing/ Additive Manufacturing 10.1.9 Robotics Process Automation 10.2 What is Artificial Intelligence (AI)? 10.3 History of Artificial Intelligence 10.4 Why Artificial Intelligence? 10.5 Goals of Artificial Intelligence 10.6 Ethics of Artificial Intelligence 10.7 Advantages of Artificial Intelligence 10.8 Disadvantages of Artificial Intelligence 10.10Types of Artificial Intelligence 10.12Future of Artificial Intelligence 10.12Future of Artificial Intelligence 10.13Artificial Intelligence (AI) at Present 10.14Myths about Advanced Artificial Intelligence 10.15Future impact of AI in different sectors 10.16 Summary 10.17 Model Questions and Answers 	3	6	 After completion ofthis chapter, candidate will be familiar withthe: Latest trends and technologies in upcoming fields in IECT. Latest trends and use of Artificial Intelligence in present and future scenario.
Tota	al Hours = 90		30	60	

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For practical purpose latest version of Free Open Source Ubuntu & LibreOffice may be used.