

Course Code: CSOE-2	Course Title: Office Automation
Course Credits: 03	Hours/Week: 3
Total Contact Hours: 42	Formative Assessment Marks: 40
Exam Marks: 60	Exam Duration: 2 Hrs.

Course Outcomes (COs):

- Know the basics of computers and prepare documents, spreadsheets, make small presentations with audio, video and graphs and would be acquainted with internet.
- Create, edit, save and print documents with list tables, header, footer, graphic, spellchecker, mail merge and grammar checker
- Attain the knowledge about spreadsheet with formula, macros spell checker etc.

Content	Hours
Unit – 1	
Starting with MS-Word : <p>Introduction to MS-Word: Understanding the start screen, Creating a new blank document, The word screen, How Microsoft Word works, Understanding the quick access toolbar, Understanding the status bar, Exiting safely from Word.</p> <p>Documents in Word: Creating documents in word, Typing text, the save as place, Checking spelling and grammar, Page zooming, Viewing the ruler, Showing paragraph marks, and Counting words. Viewing multiple pages, Splitting the window, Understanding document views, Changing document views, Understanding read mode, Viewing a document in read mode, Using resume reading.</p> <p>Working with text: Selecting text using the mouse, Selecting text using the keyboard, Editing text in insert mode, Editing text in overtype mode, Deleting text, Using undo, Using redo, Understanding find and replace, Finding words, Replacing words, Using go to, Understanding cutting and copying, Cutting and pasting, Copying and pasting, Drag and drop cutting, Drag and drop copying, Using the clipboard task pane</p> <p>Text appearance and Paragraphs: Understanding font formatting tools, changing fonts, Changing font size, Making text bold, Italicizing text, Underlining text, Highlighting text, Changing text color, Using the format painter. Understanding paragraph formatting, Understanding text alignment,</p>	8

<p>Changing line spacing, Changing paragraph spacing, Indenting paragraphs, Out denting paragraphs, Starting a bulleted list, Adding bullets to existing paragraphs, Removing existing bullets, Starting a numbered list, Numbering existing paragraphs, Removing existing numbers, Shading paragraphs, Applying borders to paragraphs, Using the paragraph dialog box.</p> <p>Working with pages: Changing page margins, Setting custom margins, Changing page orientation, Changing paper sizing, Setting custom paper sizes, Inserting page breaks, Removing page breaks, Inserting page numbers, Formatting page numbers, Removing page numbers.</p>	
Unit – 2	
<p>Table and Images in MS-Word</p> <p>Tabs and tables: Using default tabs, Setting tabs on the rule, Modifying tabs on the ruler, Setting tabs in the tabs dialog box, Setting tab leaders, Setting bar tabs, Setting mixed tabs, Removing tabs, Understanding tables, Creating a table, Adding data to a table, Selecting in tables using the ribbon, Selecting in tables using the mouse, Inserting columns and rows, Deleting columns and rows, Changing column widths, Changing row heights, Auto fitting columns, Shading cells, Modifying borders, Adding custom borders, Choosing a table style.</p> <p>Clip Art and pictures: Understanding clip art and pictures, Inserting clip art, Selecting clip art, Applying text wrapping styles, Positioning clip art, Resizing clip art, Applying picture styles to clip art, Resetting clip art, Deleting clip art, Inserting a picture, Inserting an online picture, Resizing a picture, Changing the picture, Cropping a picture.</p> <p>Performing a mail merge: Understanding mail merge, Understanding the mail merge process, Creating a recipient list, Creating the starting document, Starting the mail merge wizard, Selecting a recipient list, Inserting mail merge fields, Previewing the merged documents, Completing the merge.</p> <p>Printing your documents: Understanding printing, Previewing your document, Quick printing, Selecting a printer, Printing the current page, Specifying a range of pages, Specifying the number of copies</p>	8
Unit – 3	
<p>Introduction to MS- Excel: The Excel Environment, The title bar, the ribbon, Scroll bars, The Microsoft office button, the quick access toolbar, the formula bar, the workbook window, the status bar, the workbook view buttons, the zoom slider, the mini toolbar, keyboard shortcuts.</p>	9

<p>Creating Basic Workbooks: Creating New Workbooks, Saving Workbooks, Closing Workbooks, Opening Workbooks, Selecting Cells, Entering Text into Cells, Entering Numbers into Cells, AutoComplete, Pick from Drop-Down List, Using the “Window” Command Group, Switching to Full Screen View, Renaming Workbooks, Working with Excel File Formats.</p> <p>USING RANGES and FORMULAS: Selecting Ranges, Ranged Data Entry, Using AutoFill. Ranged Formula Syntax, Simple Formula Syntax, Writing Formulas, Using AutoSum, Inserting Functions 4.6- Editing a Range, Formula AutoCorrect, Auto Calculate.</p> <p>COPYING & PASTING FORMULAS: Relative References and Absolute References, Cutting, Copying & Pasting Data, Auto Filling Cells, The Undo Button, The Redo Button.</p>	
<p>Unit – 4</p>	
<p>MS- EXCEL:</p> <p>NAMED RANGES: Naming Ranges, Creating Names from Headings, Moving to a Named Range, Using Named Ranges in Formulas, Naming 3D Ranges, Managing Named Ranges</p> <p>CONDITIONAL FORMATTING AND CELL STYLES: Conditional Formatting, Finding Cells with Conditional Formatting, Clearing Conditional Formatting, Using Table and Cell Styles.</p> <p>PASTE SPECIAL AND SHARING WORKBOOKS: Using Paste Special, Pasting Linked Formulas, Sharing Workbooks, Highlighting Changes, Reviewing Changes, Using Comments, Compare and Merge Workbooks.</p> <p>CREATING WORKSHEET CHARTS: Creating Charts, Selecting Charts and Chart Elements, Moving and Resizing Charts, Changing the Chart Type, Changing the Data Range, Switching Column and Row Data, Choosing a Chart Layout, Choosing a Chart Style, Printing Charts, Deleting Charts.</p> <p>EDITING AND FORMATTING CHARTS: Formatting Chart Objects, Inserting Objects into Chart, Changing Chart Labels, Changing Axes Display, Changing the Chart Background, Applying Chart Analysis Lines, Naming Charts, Applying Shape Styles to Chart Elements, Applying WordArt Styles to Chart Elements, Saving Custom Chart Templates</p>	<p>9</p>
<p>Unit – 5</p>	
<p>MS-POWER POINT:</p> <p>GETTING ACQUAINTED WITH POWERPOINT:</p> <p>The PowerPoint Environment, The Title Bar, The Ribbon, The Microsoft Office Button, The Quick Access Toolbar, The Scroll Bars, The Presentation View Buttons, The Zoom Slider, The Status Bar, The Mini Toolbar, Keyboard Shortcuts.</p>	<p>8</p>

CREATING BASIC PRESENTATIONS AND PRESENTATION VIEWS:

Opening Presentations, Closing Presentations, Creating New Presentations, Saving Presentations, Inserting New Slides, Applying Slide Layouts, Using the "Package for CD" Feature, Working with PowerPoint File Formats Normal View, Slide Sorter View, Notes Page View, Slide Show View.

USING TEXT, CLIP ART AND SMART ART:

Adding Text to Slides, Basic Object Manipulation, Font Formatting, Paragraph Formatting, Applying Custom Bullets and Numbering, Using Tabs, Setting Text Box Options, Checking Spelling. Inserting Clip Art and Pictures, Basic Graphic Manipulation, Using Picture Tools, The Format Picture Dialog Box. Inserting and Manipulating SmartArt, Formatting SmartArt.

USING SLIDE SHOW VIEW AND PRINTING YOUR PRESENTATION:

Running a Slide Show, Using Custom Shows, Using Page Setup, Setting the Slide Header and Footer, Using Print Preview, Printing

Text Books:

1. Sanjay Saxena, A First Course in Computers (Based on Windows 8 And MS Office 2013) Vikas Publishing 2015.
2. Jennifer fulton, Sherri Kinkoph, and Joe Kraynak, The Big Basics Book of Microsoft Office 1997, PHI, 1998.

Reference Books:

1. Laura Acklen et al, Microsoft Office 97 Professional Essentials, EEE Que E&T, PHI (1998).

ASSESSMENT FOR THE OPEN ELECTIVE COURSES

The open elective courses offered to other department for the UG candidates are all 3 credit courses and the total marks allotted for these courses are 100.

The 100 marks are further subdivided in to 40 for CA and 60 for semester examination. The 40 marks for the CA are further trifurcated as given below: (i) One activity for 10 marks within 7 weeks of starting the course (ii) One test for 20 marks (ii) one activity for 10 marks within 12 weeks of starting the course. The schedule of test / activity must be announced to the students by the 5th week of the semester. The test / activity can be organized by the subject teacher and can be conducted in Microsoft teams. If the teachers want to give a third activity, it will be in lieu of the first or second activity.

The Semester Examination will be conducted for 60 marks and for duration of 2 hours. It will be MCQ pattern.

