

Instructor Inputs

Notes for Faculty

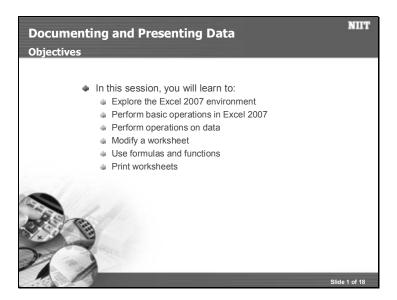
When conducting the Documenting and Presenting Data module, do keep the following points in mind:

- This is an activity based course with lots of demonstrations. While demonstrating an activity, ensure that you involve all the students. Making your sessions interactive will help you retain the interest of the students.
- Use the slides for conducting all the sessions. The slides will help you make your session interactive.
- The slides for this course contain text in blue color at most places. However, at some places, text is written in red color. Wherever text is written in red, it indicates that you need to demonstrate the activity written in red color to the students.

Session Overview

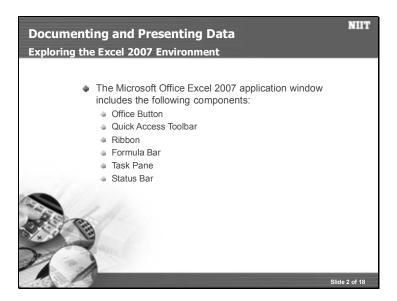
This session covers Chapter 2 of the book Documenting and Presenting Data – Student Guide. In this session, discuss the Excel 2007 environment. Then, explain how to perform basic operations in Excel. Discuss how to perform operations on data. In addition, discuss modifying and printing worksheet.

Slide 1



Start the session by sharing the objectives as given in the slide.

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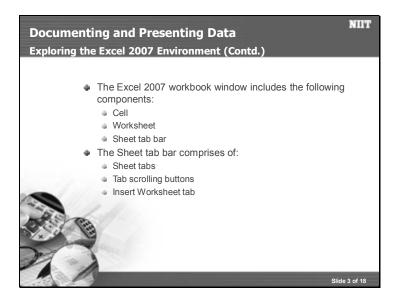
Before discussing about the Excel 2007 interface, explain what is a spreadsheet.

A spreadsheet can be defined as an electronic document that stores various types of data, such as numbers, text, and non-alphanumeric symbols. Data in a spread sheet is stored in a tabular format. A spreadsheet consists of row and columns that intersect to form cells. The cells store the data entered into a spreadsheet.

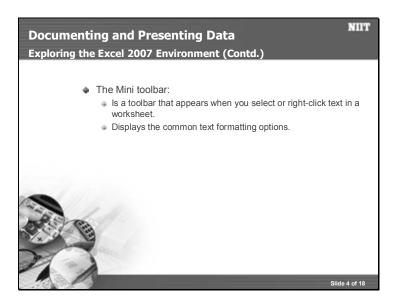
Then, familiarize the students with various elements of the Excel 2007 interface. Discuss in detail about the components listed in the slide.

To know more about the Excel 2007 window, you can refer to the following link:

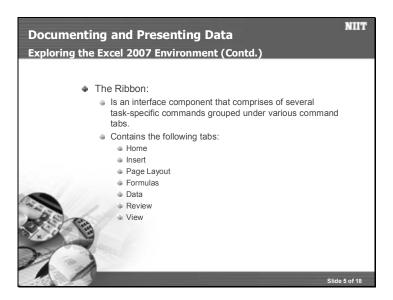
http://www.baycongroup.com/excel2007/01_excel.htm#window



Slide 4



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The Ribbon is designed in such a way that it allows accessing various commands with ease. Explain the various tabs displayed in the Ribbon. In addition, discuss the advantages of using the Ribbon.

To know more about the Ribbon panel, you can refer to the following link:

http://www.baycongroup.com/excel2007/01 excel.htm#ribbon

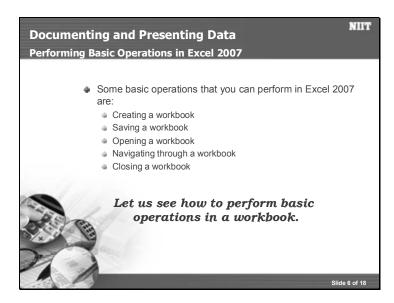
In addition, discuss in brief about contextual tabs and Dialog box Launchers.

Contextual tabs:

You can tell the students that contextual tabs are command tabs that appear on the Ribbon only when they select specific objects on the worksheet. These objects can be a chart, table, drawing, text box, or WordArt. The contextual tabs are displayed in addition to the existing command tabs on the Ribbon.

Dialog Box Launchers:

Dialog Box Launchers are buttons that accompany the groups on command tabs. On clicking the dialog box launcher, it launches a dialog box associated with the respective group, which provides additional commands and tools.

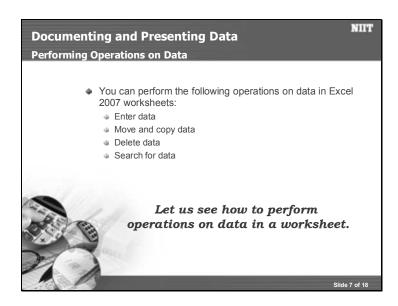


To know more about saving and closing workbook, you can refer to the following link:

http://www.baycongroup.com/excel2007/01_excel.htm#save

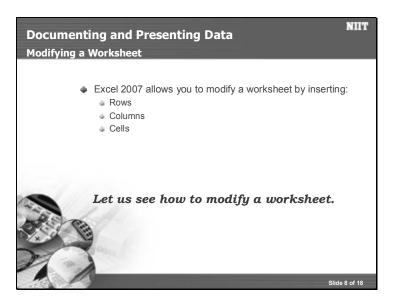
Demonstrate performing the basic operations listed in the slide on a workbook.

Slide 7

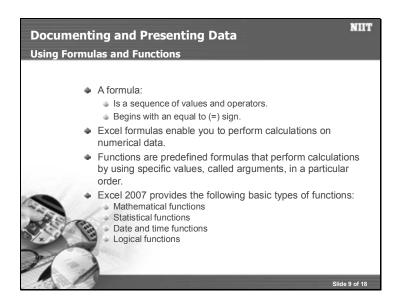


Demonstrate performing operations on data in a worksheet.

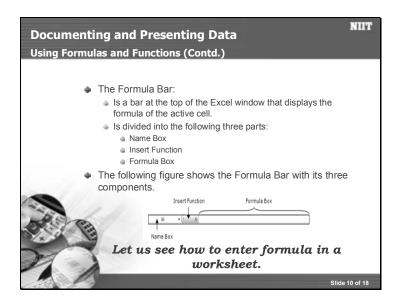
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Demonstrate modifying a worksheet by inserting rows, columns, and cells. Slide 9

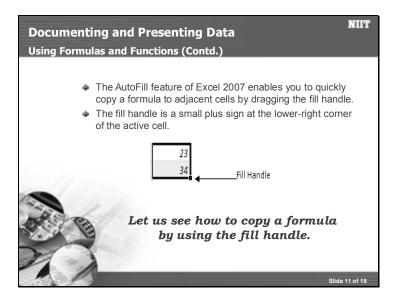


A formula in Excel 2007 is defined as a set of mathematical instructions that can be used to perform calculations in the worksheets.



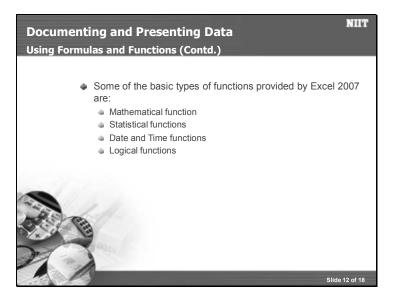
Demonstrate how to enter formula in a worksheet.

Slide 11



Demonstrate how to copy formulas by using the fill handle.

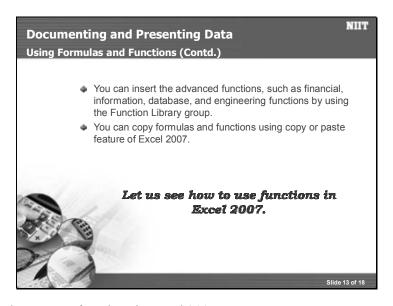
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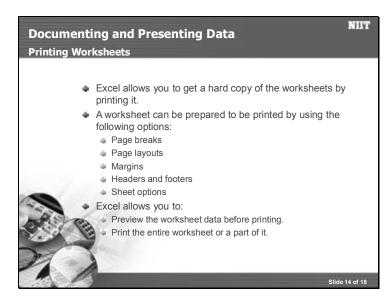
To know more about Excel 2007 functions, you can refer to the following links:

- http://www.brainbell.com/tutorials/Excel-2007/Formulas-and-Functions/
- http://spreadsheets.about.com/od/excel2007/ss/excel2007 forma 3.htm

Slide 13



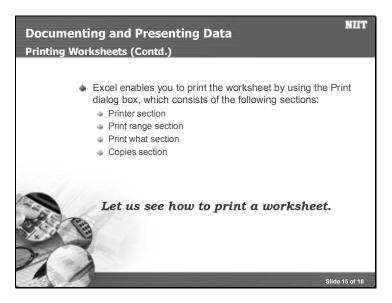
Demonstrate how to use functions in Excel 2007.



To know more about printing worksheets, you can refer to the following links:

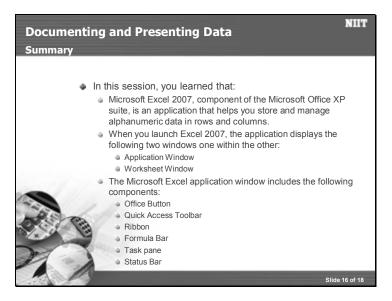
- http://nicetutz.blogspot.com/2007/11/printing-workbooks-in-excel-2007.html
- http://office.microsoft.com/en-us/excel/HA101983101033.aspx

Slide 15



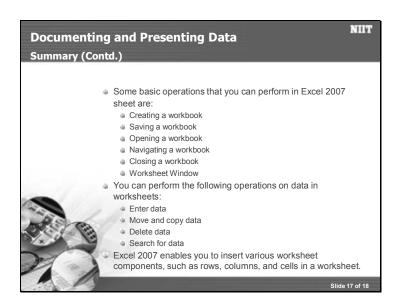
Demonstrate how to print a worksheet.

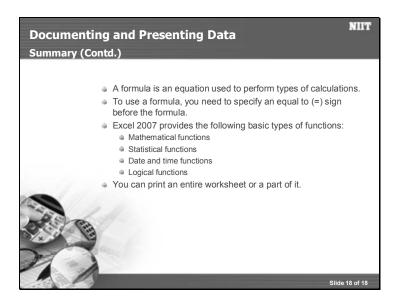
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Summarize the session by using the points given in the slides.

Slide 17





3.14 Instructor Inputs ©NIIT