

Excel VBA Syllabus Outline :

Beginning VBA

Start VBA & Security

- Introduction about VBA
- Security concepts involved in Excel 2003, 2007 & 2010
- How to use Visual Basic Editor (VBE)?
- The Excel Macro Recorder

Excel Objects

- Introduction to Object, Properties & Methods
- Using Input box & Message box
- Sheets, Ranges & Offset
- Excel VBA Variables

Conditions & Loops

- Using IF Statement in VBA
- Using SELECT CASE Statement
- Using Do While Loop & FOR NEXT Loop in Excel

Functions & Sub routine

- Working with User Defined Functions (UDF)
- Theory on Variables, Scoping etc.
- Working With Dates

Exceptions

- Error Handling Methodologies
- Worksheet & Workbook Events
- Excel Object Model usage
- Learning various ways of referring – Ranges, Sheet & Workbook

Advance VBA

Forms

- Introduction To Excel VBA User forms
- User forms order of Events Procedures

Controls

- Filling User form Controls
- Filling a Listbox and Combobox using Loops
- User form Multipage Control

Validation

- Validating user input into a user form
- Textbox and spinbuttons user form controls
- Passing user form control values back to a spreadsheet
- Passing range values to user form controls
- Option buttons and checkboxes user form controls
- Finding the active control on a user form

Array

- Method of storing multiple data in Array
- Defining holding capacity of an Array
- Storing Tabular data in Array

Chart

- Creating Chart in Excel using VBA
- Customizing the chart

Pivot

- Pivot Tables & VBA
- Generating Multiple Pivot Table Reports using VBA

Database

- Linking to Databases (like Access) from Excel & Working with them
- Update to & from database