

VBA with EXCEL COURSE CONTENT:

Introduction to Macros

- Recording using Macro Recorder
- Different modes of running Macro
- Basic Editing of the Recorded Macro

Understanding the VBA Editor

- Project Explorer
- Properties Window
- Debug Tool Bar
- Writing the First VBA Macro Code

Understanding variables

- Understanding Different Variable Types
- Declaring & Scoping
- Constants
- Understanding Functions & Sub Procedures

Understanding Class & Objects in VBA

- Understanding Key Objects like Workbook, WorkSheet, Range, Application

Working with Arrays

- One dimensional Array
- Two Dimensional Arrays

Working with Decisions & Loops

- If Statement
- Select Case
- For-Next Loops
- Nested For-Next Loops
- Do Until
- For Each
- Early exit of Loops

Working with Different String & Date Functions

- Concatenate, Left, Right, Mid, Instr, Len, Chr
- Conversions – CStr, CInt, CDb1
- DateAdd, DateDiff, DateSerial, DateValue

- Customizing Message Boxes

Working in the Debugging world

- Setting Break Points
- Adding Watch and Observing variables
- Using GoTo and Resume to handle errors

Working with Forms and Form Objects

- Understanding Different Form Objects
- ToolBox Controls
- Creating a Calendar
- Working with Input Boxes

Understanding the Subs

- Defining parameters for Subs
- Examples using subs

Working with User defined functions

- Small caselets for User defined functions

Working with Rows, Columns & Cells using Macros

Working with Time using Macros

Working with Events using Macros

Working with Ranges using Macros

Working with Charts using Macros

Working with Pivot Tables using Macros

Using Case Study to drive the above list of Tasks