MS-EXCEL (VBA)

Introduction
- o Introduction to VBA & VBE
- o Difference between VBA & Macros
- o How to use VBE
- o VBA Code & code security.

Writing Program/Code in VBA
- o Excel– VBA hierarchy
- o Where & how to write VBA code
- o VBA coding syntax & concepts
- o Using "Immediate Window", Indenting & etc.

Procedure / Modules
- o What is procedure, modules
- o How to insert modules
- o Difference between module & class module
- o Public & Private concept & usage.
- o Calling procedure in another procedure
- o Passing values/arguments via procedures.

Variables
- o What are variables?
- o Why need variables?
- o Rules to define variables
- o Variables Type, Scope & Life.

MS-Excel VBA Objects
- o MS-Excel VBA Objects
- o Collections
- o Difference between collection & objects
- o Object Properties & methods

Loop & Condition
- o What are loops & usage
- o Different types of loop
- o Nested loops
- o What are conditions
- o Types of condition & usage.

Events
- o Introduction to events
- o Workbook & Worksheet events
- o Writing codes for events.

Handling Workbook & Worksheet in VBA
- o Insert / Delete / Rename / Move worksheet
- o Open / Close / New Workbook
- o Writing & pulling data to worksheet

Data Formatting via VBA
- o What is formatting?
- o How to format data i.e. handling fonts, font size, font color, cell color, merge & etc.

Using Outlook Object
- o Sending outlook email via VBA
- o Introduction to fetch mails data from outlook.

Database connectivity via VBA (MS-Access / MySQL)
- o Overview of database & database connectivity i.e. connection string, record set & etc.
- o Adding records to database.
- o Edit / deleting records from database.

Using Arrays in VBA
- o What are array?
- o Usage of array & its benefits.

Note:
- ❖ Term VBA used in this document is referred to/as "MS-Excel VBA"
- ❖ Database connectivity will be covered not database.
- ❖ Session is designed for worksheet data automation.

Audience
Session is designed for professional using MS-Excel, wants to advance their MS-Excel programing skills for data automation, creating forms, tools & application, using MS-Excel VBA.

Your Takeaways
- • 30 hours instructor led professional session.
- • 1 month free of cost online/telephone support.
- • Using MS-Excel VBA for data automation
- • Soft copy of course material.
- • Chance to work on live projects

Training Venue
Pune

Fee
INR 5275/- (All Inclusive)

3000+ participants trained.
 30+ data automation projects in MS-Excel for big corporates.
7+ MS-Excel based software/tools for clients in India and UK.