

Excel VBA Macros Programming

Expert Level Course

Duration : - 45 to 55 Hours

Class Time : - Mon to Fri Daily 1 Hours / Sun-Sat - 2Hours Classes

Course Fee - 10,000/

Basic to Advanced

1-3 Batch Size

Direct Contact Trainer

Call + 91 8802579388 , +91 8826828093

Topic Covered:-

1. Basic Macros Programming

Concept of VBA Programming Language

Type of VBA Macros

Recording Macros with Editions

how can write Macros and Algorithm

Workbooks, Sheets and Range Object with member

File and Folder Handling with VBA

Formating, Style and Report Format Creation

Report Format Project

2. Apply Conditions in VBA

Formatting Tricks

Data Type Declaration (Variables)

Simple IF Condition in VBA And, OR

and XOR with if Condition

Nested if or Complicate Condition with IF

Select Case and Switch Case

Create Formulas for IF

Live Project with VBA Macros for Report Automation

3. Loops with VBA

For Loop

Nested Loop

For Each Loop

Do While Loop

Do Until Loop

Show File - Folder List with Directory Function

Loop with If Condition

Live Project with Loop and Condition

4. Event Macros Programming

Fundamental for Event Macros Programming

WorkSheet and Range Event Macros Programming

Workbooks Event Macros Programming

Button and Object Macros Programming

Add ActiveX Control in Sheets

Live Project with Event Macros Programming

5. Excel VBA Macros Function (Formulas) Creation

Formulas / Function Creation with VBA Programming

Advanced Formulas Method with VBA Programming

String Function

Number Function

Date and Time Calculation using Data Time Formulas

Information Formulas

Lookup Method (VLookup, HLookup, Match, Index, Offset) with VBA

Advanced VLookup and VLookup Listing with VBA

File and Directory Function

Data Summarization Formulas (AVERAGEIF, AVERAGEIFS, COUNTIF, COUNTIFS, LARGE, SMALL and more) with VBA

Database and list management Formulas with VBA

File, Folder Copy - Rename, Delete and Hide -unhide formulas

Financial Formulas

Live Project with VBA Function

6. Advanced Formulas/Function

Advanced Array Formulas with VBA

Complicated Large Formulas Creation with VBA

Advanced Naming Method with Formulas

Report Automation with Formulas

Live Automation Project

New Formulas Creation with VBA Programming

7. Charting and Dashboard Report Automation with VBA

Chart Creation

Chart Tricks

use Button on chart

Dynamic Chart with Offset Formulas

Dashboard Example

Live Project

8. Pivot Automation with VBA

Create Pivot with VBA

Links One more Data in VBA Macros

Report Automation with VBA Macros

SQL in Pivot with VBA Macros

Dashboard Example with Pivot with VBA

Live Project

9. UserForm in Excel

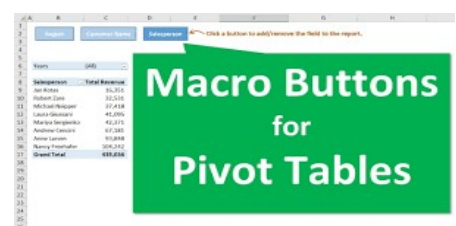
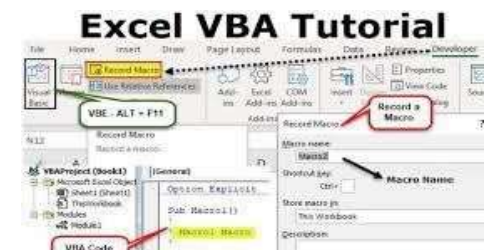
Concept of User form in VBA

TextBox, Lable, and Combo Box in VBA

List Box Automation

Filter Duplicate and Multi-Connection List box

Multi Page, PDF and FLV, Media Player and Other type of Embed Application



Live Project

10. Picture / Image Automation with VBA Macros

- Chart Triks as image on Userform
- Show Google Image on Userform
- Dynamic Picture Automation
- Live Project with Picture Automation

11. Database Connectivity and Other Application with VBA

- E-Mail Automation with Outlook (Send Mail Excel to Outlook)
- E-Mail Automation with Gmail/ Yahoo / AOL Mail/ Other POP 3 Mail
- PDF Mail Automation
- MS Word Handling - Create Letter accessing from Excel Data Sheet
- MS Access Database Connectivity
- Notepad and Webdata Connectivity
- Embed Other Application
- SQL or Oracle Connectivity
- SQL Query in MS Excel 2016
- File & Folder Directory Access
- Live Project For Final Certification

12.Project for Report Automation

1. Make Auto-Event File and Folder
2. Data Separation in File Dynamic
3. Make Data Entry Form in Sheet
4. Data Compile from Folder
5. Set Expiry Date in Excel Report File
6. Lock Data What You Type and Rest Sheet Unlock
7. Make 20-30 Excel Formulas as per your condition
8. Data Entry Form with Userform
9. Bulk Email Sending System
10. Set username and password in Excel Report show report only log in user



Trainer Profile

Mr. Sujit Kumar Singh (MCA)



Sujit Kumar Singh is a seasoned Excel and MIS (Management Information Systems) trainer with over 21 years of experience in the field. He has worked as an MIS Executive and VBA Developer across more than 10 companies and currently serves as a report consultant for over 40 organizations. His teaching approach emphasizes practical, real-world applications, aiming to equip learners with skills directly applicable to their professional tasks

Sujit Kumar Singh

Founder of IPT Excel School

Online Live Trainer
From 2007 to Tilled

In 2007, Sujit founded IPT Excel School, one of the pioneering institutes in New Delhi offering online live classes in Advanced Excel and MIS training. The institute caters to working professionals, providing courses that cover Advanced Excel, VBA Macros, Dashboard creation, and Power BI

Sujit also maintains an active presence on platforms like YouTube and LinkedIn, where he shares tutorials and insights on Excel and related tools. His YouTube channel, Sujeet Kumar Advanced Excel Training in Hindi, offers a range of videos aimed at enhancing Excel proficiency