VBA MACROS COURSE SYLLABUS

VBA Course Syllabus

SLA is one of its kind Institute which not only equips you in technology skills but will train you for free in Aptitude skills, Soft Skills, Mock Interviews, Interview Skills, Work ethics and Corporate Values that you need to know to get into IT Industry. Our training is given by expert real time development experienced trainers and we enable each and every student of ours to do their own real time projects by the end of the program.

We do not buy you a job by bribing companies to secure a place in IT, instead we equip you with the skills needed to get employed in IT and will support you with unlimited number of relevant interview opportunities so that your career in IT becomes assured. Our support will be there until you get placed in an IT Company as that's our mission too.

If you want to just have an IT certification, you can do your course anywhere. If you aspire to get into an IT Job, then you should choose SLA. With SLA, your IT dream will definitely come into reality.

Please go through the long list of our student reviews / offer letters @ www.joinsla.com to get to know more about us.

Manual Testing
Introduction
- ❖ Introduction to Excel
- ❖ Introduction to Programming
- ❖ VBA Overview and the IDE
- ❖ Quick Review of Macros Working with Macros
- ❖ How to use Visual Basic Editor (Programming Environment)

Advantages of VBA
- ❖ An easy-to-use and versatile language
- ❖ Integrated with off-the-shelf products

Understanding the VBA Editor, Module and Procedures
- ❖ The Visual Basic Editor
- ❖ Parts of the VBA Editor
- ❖ Modules and Macros
- ❖ About VBA Forms, Sub Procedures & Modules
- ❖ Creating Forms
- ❖ Using Controls and their Properties
- ❖ Running VBA Forms in Excel

VBA Syntax and Grammar

- ❖ Objects – The Grammar
- ❖ Using Properties and Methods
- ❖ Understanding Parameters
- ❖ The Object Browser
- ❖ Understanding object hierarchy
- ❖ Tools for better coding
- ❖ Moving to Other Cells
- ❖ Editing Specific Cells

Storing Data in Variables

- ❖ How and when to declare variables
- ❖ Selecting data types
- ❖ Fixed and dynamic arrays
- ❖ Constants

Control Structure and Program Flow

- ❖ IF (Else If, Else) Select Case ()
- ❖ For Next Loop
- ❖ For Each Loop ()
- ❖ Do Until Loop and Do While Loop With, EndWith
- ❖ Nesting Code

Building Procedure

- ❖ Creating Sub and Function procedures
- ❖ Calling procedures
- ❖ Passing arguments to procedures

Building Intuitive User Interface

- ❖ Communicating with the user through the message box
- ❖ Gathering user information with the input box
- ❖ Utilizing the File Dialog object and Dialogs collections

Variables, Array, Constants

- ❖ Using the Immediate Window
- ❖ Gaining greater control through the immediate window
- ❖ Formatting Cells
- ❖ Using Variables
- ❖ Constants
- ❖ Object Variables

- ❖ Dimensioning and usage of variables
- ❖ Displaying data and obtaining data from the user

Creating Customized Dialogs with User Form Objects

- ❖ Command buttons
- ❖ List and Combo boxes
- ❖ Labels
- ❖ Option buttons
- ❖ Check boxes
- ❖ Text boxes
- ❖ Frames
- ❖ Adding more functionality with advanced ActiveX control

Fonts & Backgrounds

- ❖ Using Font Property in cells
- ❖ Using Various Background Properties in Excel VBA
- ❖ Creating a Counter
- ❖ String Handling
- ❖ Using Left, Right, Mid and Len Functions in VBA
- ❖ Range Selection and Manipulation

Objects and Collections

- ❖ Workbook and Worksheet Object
- ❖ Range Object and Cell Properties
- ❖ Methods and Properties
- ❖ Assigning Objects
- ❖ Using Name Arguments

Array

- ❖ What is Array& why use array
- ❖ Declaring an Array
- ❖ Sorting Data in Array
- ❖ 2-Dimention Array
- ❖ Dynamic Array
- ❖ UBourd
- ❖ Storing Data in a range of an Array Elements
- ❖ Using various array functions

Functions

- ❖ Using Excel Worksheet Functions in VBA
- ❖ VBA Functions
- ❖ User-Defined Functions
- ❖ Adding Help to User Defined Functions
- ❖ Declaring Variables in User Defined Functions
- ❖ Using Ranges in User Defined Functions
- ❖ Creating and Managing an Add-in for User Defined Functions
- ❖
- ❖

Error Handling

- ❖ Run Time Error
- ❖ GoTo line
- ❖ GoTo0
- ❖ GoTo 1
- ❖ Resume Next

Internet and Excel

- ❖ Copy Hyperlinks and Text from a webpage to Spreadsheet

Interfacing with other Office Applications

- ❖ Communicating with Word and PowerPoint using Excel VBA

Running SQL Queries within Excel Environment
Modifying Menus and Toolbars

Are you happy with our course curriculum? Then why you delay? Take your mobile phone and ring us quickly on +91 88707 67784.