

## **Part 1**

Understanding Visual Basic for Application  
What can be do with Macro  
About VBE Window  
Running Macros  
Way to Run the Macro  
Write Basic Sub Routine  
Creating a UDF  
What UDFs Cannot Do  
Variable Type  
Variable Declaration  
Using the Macro Recorder  
Recording Macros  
Comments  
Working with Range Object

## **Part 2**

The Excel Object Model  
Objects  
Experimenting in the Immediate Window  
Basic Input and Output  
Calling Functions and Sub Procedures  
Scope and Lifetime of Variables  
Use of With-End with  
Built In function

## **Part 3**

Object Variables  
Making Decisions  
Looping  
Exit From Loop  
Run-Time Error-Handling  
On Error Resume Next

## **Part 4**

This Workbook  
Active Workbook  
Display Alerts

Screen Updating  
Worksheet Functions  
The Workbooks Collection  
Getting a Filename from a Path  
Files in the Same Directory  
Overwriting an Existing Workbook  
Saving Changes  
The Sheets Collection  
Worksheets  
Copy and Move  
Copy other workbook Data

## **Part 5**

Activate and Select  
Range Property  
Offset Property  
CurrentRegion Property  
End Property  
Columns and Rows Properties  
Deleting Rows and columns  
AutoFilter

## **Part 6**

Sub Routine Vs function Procedure  
Create Function without argument  
Function with argument

## **Part 6**

Creating a PivotTable Report  
PivotCaches  
PivotTables Collection  
PivotFields  
CalculatedFields  
PivotItems  
Visible Property  
CalculatedItems  
PivotCharts  
External Data Sources

## **Part 7**

Chart Sheets

The Recorded Macro

Adding a Chart Sheet Using VBA Code

Embedded Charts

Using the Macro Recorder

Adding an Embedded Chart Using VBA Code

## **Part 8**

Worksheet Event

Workbook Event

Activex Controls Click event

Forms Controls

Form and ActiveX Controls

ActiveX Controls

Scrollbar Control

Spin Button Control

CheckBox Control

Option Button Controls

## **Part 9**

Insert a New User Form

Adding control to user form

Toolbox controls

User form Property

Controls property

User form and control events

Create Calculator

## **Part 10**

Connectivity with Database

Artitecture of Connectivity

Connection to Access

Connection with SQL

Connnection with Text File

Connection with Excel

## **Part 11**

addins