# VBA for Excel

**Module 1**

A Glimpse towards Excel Advanced functions

- Stats Function, Mathematical Functions,
- Logical Functions, If Functions, Information Function, Lookup Functions etc.

**Module 2**

Introduction towards VBA Macros

- Writing our First Macros
- VBA Data Types, Variables, Constant
- Editing macros using VBA Editor, Understanding the project explorer
- Exploring windows properties, Modifying code in code window, Debugging code

**Module 3**

Programming Fundamentals

- Arrays, Object Variables, Conditional structures (If else Then, Select Case)
- Logical Operators, Looping constructs (For loops, Do loops, While, Wend)
- Built-in functions, Creating Subroutines

**Module 4**

- String Functions, Creating User Defined Functions, Date & Time Functions.
- Working With Filters, Sorting and Formatting Options
- Creating First VBA Automated Application. (Project Activity)

**Module 5**
- PivotTable with VBA
- Working with other MS Applications
- Charts with Macros
- Security

**Module 6**
Userform Application.
- Form Controls
- Interactive Form Application. (Project Activity)