

VBA FOR MICROSOFT EXCEL

Technical Hands-on Workshop

Enhance your skills on Excel

Introduction

This course will teach programming concepts and how to add functionality to a Microsoft Excel using Microsoft Visual Basic® for Applications.

At Course Completion

At the end of the course, students will be able to:

- Use the programming capabilities of Microsoft Visual Basic for Applications in Microsoft Excel applications to write custom functions and event-driven procedures.
- Validate data.
- Find and trap errors.
- Loop through the collection of cells and worksheets to process some calculation.

Prerequisites

Before beginning this course, students should be able to:

- Extensive understanding of Microsoft Excel or previous version of Microsoft Excel
- Basic programming knowledge in Visual Basic.

Training Duration

2 Full Days

Course Outline

Module 1

Make a Macro Do Simple Tasks

- Creating a Simple Macro
- Changing Multiple Properties at Once
- Manipulating Recorded Properties
- Editing A Recorded Macro

Module 2

Make a Macro Do Complex Tasks

- Task One : Importing a Report file
- Task Two : Filling In Missing Labels

Module 3

Explore Workbooks and worksheets

- What is an object?
- Understanding Workbooks
- Understanding Worksheets

Module 4

Explore Range Object

- Referring to a Range
 - Enhancing Recorded Selections
 - Entering Values and Formulas into a Range
 - Formatting a Range
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Module 5

Control Visual Basic

- Using Conditionals
- If-Then-Else
- Select-Case

Creating Loops

- Do...Loop
- For...Next
- For Each...Next

Module 6

User Define Function and Error Trapping

- Creating a Custom Function
- Type Of Errors
- Error Handling

Module 7

Launch Macros with a Click

- Creating Command Buttons
- Assigning Macro to Button

Program Schedule

Day/Time	Day 1	Day 2
9am-10.30am	Module 1	Module 5
10.30am-11.30am	Module 2	Module 5
11.30am-12.30pm	Lunch	Lunch
12.30pm-1.30pm	Module 3	Module 6
1.30pm-2.30pm	Module 4	Module 7
2.30pm-4pm	Q&A, Summary	Q&A, Summary

About Elite Indigo

Elite Indigo Consulting provides corporate training to the semiconductor and manufacturing industries. With a humble beginning of one founding member with passion and desire to share his 20 years of experiences in Smart Manufacturing for global manufacturing facilities, now, we have a strong and competent team of 20 members, all aligned with company mission, vision and core values.

Our Mission

"Transform Data into Insights - Leap Forward"

Our Vision

Be a Global Trusted Advisor in the Areas of Skills Development, Consultancy & Software Solutions specialising in Semiconductor & Manufacturing industries.

Our Core Values

