



FINANCIAL EXCEL

COURSE DESCRIPTION:

The focus of this course is an advanced to the Excel components. This is an application-oriented course and the approach is practical. You'll take a look at most formulas techniques, sensitivity analysis including Break-even and Threshold, the Excel Solver, Depreciation, Time Value of money calculations ,Capital Budgeting and more

1. Introduction – Excel formulas

Data Types, Data Formatting, Conditional Formatting, relative and absolute references of cell, Build-in Functions as the Arithmetic functions, Text Functions, Statistical Functions, Date/Time functions, Logical Functions.

2. Goal Seek

Solving equation and finding the break-even points.

3. Data Tables

One variable Data Table, Two variables Data Table

4. Solver

Using Excel Solver, determine the optimum value for a formula in a particular target cell, Solving multivariate problems, Defining Target Cell, using constraints, changing cells, solving equality, minimizing and maximizing problems. Printing the Answer, Sensitivity and Limits reports.

5. Depreciation

Straight Line Method, Declining Balance Method, Double Declining Balance Method, Sum of Years Digits Method.

6. Time Value of Money

Using the simple and compound interest formulas, 72 rule, Present Value, Future Value, Periods, Discount Rates and their calculations

7. Capital Budgeting

Using the payback Period & Discounted Payback Period Method, Net present Value Method, Internal Rate of Revenue, Modified IRR.

8. User Defined Functions

Using the VBA to create special functions as needed.