

# Advanced Excel Course Curriculum

**Duration: 10 Classes | Fee: ₹7,000**

- **Module 1: Mastering Advanced Formulas**
  - Dynamic arrays and complex nested formulas
  - Advanced lookup techniques (INDEX-MATCH, XLOOKUP)
  - Utilizing logical and statistical functions in-depth
- **Module 2: Sophisticated Data Analysis Tools**
  - What-if analysis, Goal Seek, and Scenario Manager
  - Advanced Data Tables and Solver for optimization
  - Creating dynamic dashboards with data consolidation
- **Module 3: Data Modeling & Power Pivot**
  - Introduction to building data models
  - Using Power Pivot to manage large datasets
  - Basics of DAX for custom calculations
- **Module 4: Interactive Charting & Dashboarding**
  - Advanced chart techniques and dashboard design
  - Integrating sparklines and custom visuals
  - Creating interactive dashboards for business insights
- **Module 5: Enhanced Conditional Formatting & Customization**
  - Using formulas to drive conditional formatting
  - Custom icon sets, color scales, and data bars
  - Advanced cell formatting for readability
- **Module 6: Data Integration with Power Query**
  - Importing and cleaning external data sources
  - Merging and transforming data using Power Query
  - Automating data refresh and consolidation

- **Module 7: Advanced Macros & VBA Essentials**

- Writing and debugging VBA code from scratch
- Customizing recorded macros for automation
- Introduction to user forms and event handling

- **Module 8: Automation & Custom Functions**

- Developing user-defined functions (UDFs)
- Automating repetitive tasks with VBA
- Best practices in code organization and error handling

- **Module 9: Data Security & Collaborative Tools**

- Advanced workbook and worksheet protection
- Sharing and collaboration in multi-user environments
- Auditing and tracking changes for data integrity

- **Module 10: Final Project & Assessment**

- Comprehensive case study combining advanced analysis and automation
- Project presentation and practical assessment

**Certification:** Upon successful completion, **Advanced Excel Certificate**.