

Full Professional Excel Course with VBA and AI Curriculum

Duration: 12 Classes | Fee: ₹12,000

- **Module 1: Professional Workbook Design & Workflow Optimization**
 - Best practices for professional workbook structure
 - Advanced formatting and navigation techniques
 - Streamlining workflows for efficiency
- **Module 2: Mastering Advanced Functions & Data Models**
 - Deep dive into dynamic arrays, complex PivotTables, and Power Query
 - Integrating Power Pivot for multidimensional analysis
 - Optimizing formulas for large datasets
- **Module 3: Advanced VBA Programming Fundamentals**
 - Comprehensive introduction to VBA programming
 - Variables, control structures, and error handling
 - Debugging techniques and code optimization
- **Module 4: Advanced Macro Development & Automation**
 - Automating complex tasks with custom VBA solutions
 - Creating and managing user forms and controls
 - Event-driven programming for responsive workbooks
- **Module 5: Introduction to AI in Excel**
 - Overview of AI concepts and Excel's evolving role in data science
 - Integrating AI add-ins and third-party tools
 - Case studies of AI-driven Excel applications
- **Module 6: AI-Powered Data Analysis & Forecasting**
 - Leveraging machine learning tools within Excel

- Building forecasting models and predictive analytics
- Integrating Python or other AI scripts (where supported)
- **Module 7: Advanced Data Visualization & Interactive Dashboards**
 - Designing interactive dashboards with VBA enhancements
 - Integrating Excel with Power BI for advanced visuals
 - Custom charting techniques for professional presentations
- **Module 8: Developing Excel Add-Ins & Custom Solutions**
 - Fundamentals of creating and deploying Excel add-ins
 - Customizing and extending Excel functionality
 - Practical exercises in developing reusable tools
- **Module 9: Collaborative & Cloud-based Excel Solutions**
 - Utilizing Office 365 and Excel Online for collaboration
 - Integrating with cloud services and Power BI
 - Best practices for multi-user environments
- **Module 10: Performance Optimization & Data Security**
 - Techniques for workbook optimization and speed improvement
 - Advanced error checking, auditing, and performance tuning
 - Ensuring data security and integrity in professional settings
- **Module 11: Real-World Case Studies & Industry Applications**
 - In-depth projects based on real business scenarios
 - Integrating VBA and AI solutions for complex challenges
 - Collaborative problem-solving and peer review
- **Module 12: Final Capstone Project & Professional Certification**
 - Comprehensive project integrating advanced Excel, VBA, and AI
 - Presentation and evaluation by industry experts

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