

# (Advance Diploma in Computer Application) (Course Duration:1 Year)



An ISO 9001:2015 Certified Institute

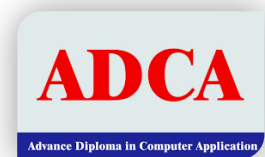
## Course Overview

This course is a one-year diploma program that deals with advanced levels of computer applications and software design. This learning gives students the knowledge and abilities to use computers and complete daily tasks.

## Course Content

### Module 1: Fundamentals of Computer

- MS-Windows
- Microsoft-Word 2019
- Microsoft-Excel 2019
- Microsoft-PowerPoint 2019
- Internet



### Module 2: Tally with GST

- Basic of Accounting
- Introduction to Tally Prime
- Voucher
- Cost Category and Cost Centre
- Inventory Control
- Order Processing
- Advanced Voucher Class, Point of Sale, Price Level, Price List.
- Bill of Material
- Budget and Export
- Financial Reports
- Goods and Services Tax
- Implementation of GST for Goods and Services
- TDS and TCS Voucher Entries

**OR (Select 1 Web Designing & Python Language)**

### Module 3: Web Designing

- Introduction to Web Design
- Editors
- HTML
- CSS

- CSS Framework
- JavaScript
- Angular JS
- Photo Editor
  - Photoshop
- Web Publishing and Browsing
  - Publish
  - Hosting

### **Module 3: Python Language**

- Introduction to Programming
- Algorithms and Flowcharts to Solve Problems
- Introduction to Python
- Operators, Expressions, and Python Statements
- Sequence Data Types
- Functions
- File Processing
- Scope and Modules
- NumPy Basics

### **Module 4: Basic Hardware**

- Computer Fundamentals
- Introduction to Electronics (Analog and Digital)
- Identification of Resistor, Capacitor, Diodes & their functions
- Computer Hardware Components
- Assembling & Disassemble of PC
- Operating System Installation
- Installation of Other System and Application Software's
- Installation of Drivers
- Control Panel Settings
- Bootable Pen Drive & CD Burn.
- Troubleshooting