Advance Diploma in Computer Application

ADCA – Syllabus

Fundamentals

Data & Information, Computer Architecture , CPU & Memory Organization, History of Computer,
Generation of Computer, I/O Devices, Number System, Logic Gates, LAN System.
Operating System
DOS, Windows

MS Office

● **Word**
● **Excel**
● **Power Point**
● **Access**

Internet

Fundamental, Browsing, Creating Email
Account, Sending/Receiving Email etc.

DTP

● **Adobe InDesign**
● **Corel Draw,**
● **Photoshop**

Web Designing:

- **Basics of Web Designing**
- **Multimedia and its Applications**
- **Web Technologies**
- **Introduction to Web Design & Applications**
- **Computer Graphics**
- **Mathematical Structure for Computer Science**
- **HTML**
- **CSS**
- **JavaScript**
- **Bootstrap**
- **Adobe Dreamweaver**
- **Adobe Flash**

- **Available Software for Graphic Designing**
- **Animation Techniques**

programming

- **Introduction to the C Language – Algorithm, Pseudo code, Flow chart, Background, C Programs, Identifiers, Data Types, Variables, Constants, Input / Output, Operators(Arithmetic, relational, logical, bitwise etc.), Expressions, Precedence and Associatively, Expression Evaluation, Type conversions.**