Diploma in Computer Applications (DCA) – Syllabus (1 Year)

Semester – I

S. No.	Paper Numerical Unique	Class & Papers	Paper Name / Subject
1	7101	1DCA1	Fundamentals of Computers
2	7102	1DCA2	Operating System & MS Office
3	7103	1DCA3	Internet & Multimedia
4	7104	1DCA4	Programming in C

Course Details:

- **Fundamentals of Computers** – Computer basics, input/output devices, number systems, software & hardware.
- **Operating System & MS Office** – Windows/Linux basics, MS Word, Excel, PowerPoint.
- **Internet & Multimedia** – Internet basics, email, browsing, multimedia applications.
- **Programming in C** – Introduction to C, data types, operators, control structures, functions.

Semester – II

S. No.	Paper Numerical Unique	Class & Papers	Paper Name / Subject
1	7201	2DCA1	Database Management System (DBMS)
2	7202	2DCA2	Tally & Accounting System
3	7203	2DCA3	Web Designing (HTML, CSS, JavaScript Basics)

S. No.	Paper Numerical Unique	Class & Papers	Paper Name / Subject
4	7204	2DCA4	Project Work / Lab Practical

Course Details:

- **Database Management System (DBMS)** – RDBMS concepts, MS-Access/SQL, queries, reports.
- **Tally & Accounting System** – Basics of financial accounting, Tally ERP, GST, voucher entries.
- **Web Designing** – HTML, CSS, basics of JavaScript, creating simple websites.
- **Project Work / Lab Practical** – Real-life small project using the concepts learned.