

# PGDCA Course Syllabus

## Post Graduate Diploma in Computer Applications

The PGDCA course is designed to provide advanced computer knowledge, programming skills, database management, web technologies, and practical IT training for graduate students and professionals.

Course Name	Post Graduate Diploma in Computer Applications (PGDCA)
Category	Advanced Computer Courses
Duration	12 Months
Mode	Practical Training
Certification	Yes

### ***Module 1: Computer Fundamentals***

- Advanced Computer Concepts
- Operating Systems
- Software Applications
- IT Fundamentals

### ***Module 2: Programming Languages***

- C Programming
- C++ Programming
- HTML & CSS
- JavaScript Basics

### ***Module 3: Database Management***

- DBMS Concepts
- SQL Queries
- Database Design
- Data Management

### ***Module 4: Web Technologies***

- Website Designing
- Frontend Development
- Hosting Basics
- Responsive Web Design

### ***Module 5: Office & Internet Applications***

- Advanced MS Office

- Internet Applications
- Email Management
- Cloud Computing Basics

### ***Module 6: Practical Training***

- Live Projects
- Technical Assignments
- Software Practice
- Documentation Work

### ***Course Features***

- Advanced Computer Training
- Programming & Development
- Database Management
- Web Designing & Development
- Live Practical Sessions
- Industry-Oriented Learning
- Certificate After Completion