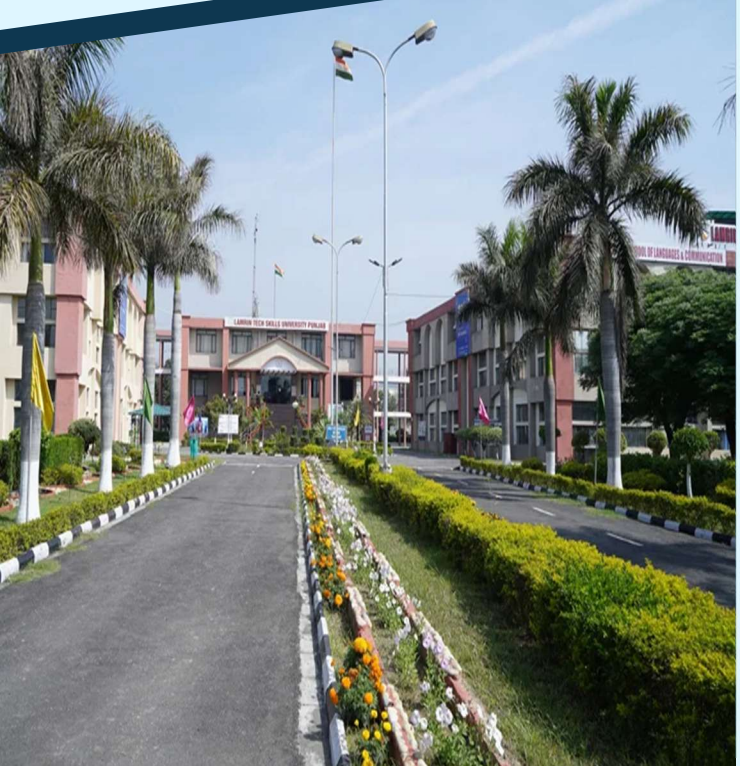
"Computers are incredibly fast, accurate, and stupid. Human beings are incredibly slow, inaccurate, and brilliant. Together they are powerful beyond imagination."



Shape the Future with PGDCA

"From learning code to building logic—PGDCA wasn't just a diploma; it was the upgrade my career needed."

Address- Lamrin Tech Skills University Punjab

Chandigarh- Jalandhar National Highway (NH344A)

Postal Code-144533

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Contact us- +91 98554 28846, +91 83602 50986

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Email- office.usoc@ltsu.ac.in

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Website- https://www.ltsu.ac.in/university-school-of-computing



Lamrin Tech Skills University Punjab

PGDCA- For working Professionals

Study Scheme

University School of Computing

Batch 2026

Contact Here for admission-
+91 98554 28846, +91 83602 50986

OBJECTIVES

1. Developing Strong Core Fundamentals
2. Building Practical Programming Skills
3. Fostering Software Engineering and Database Expertise
4. Grooming for the IT Industry
5. The ultimate goal of a PGDCA is **employability**.
6. It condenses the essential professional skills of a multi-year computer degree into a highly focused, one-year practical runway.

Course Curriculum Overview: Year I

The Post Graduate Diploma in Computer Applications (PGDCA) is an intensive, one-year postgraduate program designed to transform graduates from any discipline into highly skilled IT professionals.

This program perfectly balances core computer science theory with high-demand, practical skills like Python programming, Web Development, and Prompt Engineering.

With dedicated laboratory sessions for every major coding and database subject, a hands-on minor project, and integrated global certifications (MOOCs), our curriculum ensures you graduate industry-ready from day one.

"Bridging the gap between theory and code."

Semester- I

- Problem-solving using Python Programming-PBL
- Problem-solving using Python Programming Lab
- Database Management Systems
- Database Management Systems Lab
- Software Engineering
- Computer Fundamentals
- Computer Fundamentals Lab
- Seminar
- Certification-I(MOOC)



INDUSTRY & SKIpLLING PARTNERS

Course Curriculum Overview: Year I

This final phase represents the peak of your academic journey. It is designed to transition you from the classroom directly into the global tech workforce or advanced research.

Rather than standard lectures, this period focuses entirely on independent execution, real-world corporate experience, and thought leadership. You will apply everything you have learned—programming, system architecture, security, and design thinking—into concrete deliverables that prove your readiness to the industry.



Semester- II

- Prompt Engineering
- Prompt Engineering Lab
- Data structures Algorithms using Python
- Data structures Algorithms using Python Lab
- Web Technologies PBL
- Web Technologies lab
- Advance Excel
- Computer Networks
- Minor Project
- Certification-II(MOOC)

