

Guru Nanak Dev Engineering College, Ludhiana

Department of Computer Science and Engineering

Ref. No.:

Date:

Notice for Minor Degree

The students of branches other than B.Tech (CSE) (2021 to 2023 Batch) can opt for Minor Engineering Degree as per the following guidelines:

1. The students can earn 8 credits out of a total of 20 credits through MOOCs. The remaining 12 credits must be earned through classroom teaching.
2. The list of courses for session July-December, 2025 which can be opted through MOOCs is as below:

Sr. No.	Course ID	Course Name	Click here to Join the course	Institute	Duration
1	noc25-cs81	Data Structures and Algorithms Design	https://onlinecourses.nptel.ac.in/noc25_cs81/preview	IIT Kanpur	12 Weeks
2	noc25-cs83	Computer Architecture	https://onlinecourses.nptel.ac.in/noc25_cs83/preview	IIT Delhi	12 Weeks
3	noc25-cs91	Introduction to Machine Learning	https://onlinecourses.nptel.ac.in/noc25_cs91/preview	IIT Madras	12 Weeks
4	noc25-cs105	Discrete Mathematics	https://onlinecourses.nptel.ac.in/noc25_cs105/preview	IIT Ropar	12 Weeks
5	noc25-cs110	Programming In Java	https://onlinecourses.nptel.ac.in/noc25_cs110/preview	IIT Kharagpur	12 Weeks
6	noc25-cs113	Software Testing	https://onlinecourses.nptel.ac.in/noc25_cs113/preview	IIIT Bangalore	12 Weeks
7	noc25-cs141	Operating System Fundamentals	https://onlinecourses.nptel.ac.in/noc25_cs141/preview	IIT Kharagpur	12 Weeks

3. The credits earned in Minor engineering will not be considered for an honour degree.
4. Passed out students can also avail of the option of pursuing a minor degree in CSE, however, the degree must be completed within the stipulated period as notified by IKGPTU for the completion of the B.Tech.
5. The allotted number of seats for a minor engineering degree in Computer Science and Engineering is 50 per batch and allotment will be done on a merit basis.
6. The student should not choose the course having similar contents, studied already by him/her through MOOCs.

Subjects for Classroom Teaching: Batch 2023-2027, 2022-2026, 2021-2025

Subject Code	Subject Name	Credits
MnPCCS103	Database Management Systems	3
MnLPCCS103	Database Management Systems Laboratory	1

1. The college fees for the theory course will be Rs. 5000/- including Rs. 500/- examination fees and Rs.2500/- for practical courses.
2. Re-appear fees will be Rs. 500/- for per theory course and Rs. 250/- for the practical course.
3. The examination and MSE's will be held along with regular exams for classroom teaching subjects.
4. The classes for these subjects will be held as per the time table provided by the department.
5. Submit the duly filled proforma (attached with this notice) forwarded by the head of the parent department, in CSE department office by 21 July 2025. For classroom teaching, proof of fee paid should be attached with the Performa.

HOD(CSE)

CC:

1. Dean Academics
2. BOS File
3. All Departments
4. Department website

Department of Computer Science and Engineering

Performa for Minor Engineering Degree

MOOC course

(Session: July-December, 2025)

Branch: _____

University Roll No.: _____

Semester: _____

Name: _____

Contact No.: _____

Section: _____

Course ID	Course Name	SGPA (1 st sem)	SGPA (2 nd sem)

Signature of student

HOD (Concerned Department)

Department of Computer Science and Engineering

Performa for Minor Engineering Degree

Classroom Teaching

(Session: July-December, 2025)

Branch: _____

University Roll No.: _____

Semester: _____

Name: _____

Contact No.: _____

Section: _____

SGPA (1st Sem)	SGPA (2nd Sem)	SGPA (3rd Sem)	SGPA (4th Sem)	SGPA (5th Sem)	SGPA (6th Sem)

Signature of student

HOD (Concerned Department)