

Guru Nanak Dev Engineering College, Ludhiana
Department of Computer Science and Engineering

Ref. No.:

Date: 12/01/2023

Notice for Minor Degree

The students of branches other than B.Tech. (CSE) can opt for a 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 have to be earned through classroom teaching.
2. The list of courses for session January-June, 2023 which can be opted through MOOCs is as below:

S. No.	Course Id	Course Name	Institute	Duration	Click here to join the course
1	noc23-cs08	Data Analytics with Python	IITR	12 Weeks	https://nptel.ac.in/courses/106107220
2	noc23-cs13	Privacy and Security in Online Social Media	IIITH	12 Weeks	https://nptel.ac.in/courses/106106146
3	noc23-cs19	Social Networks	IIT Ropar	12 Weeks	https://nptel.ac.in/courses/106106169
4	noc23-cs20	The Joy of Computing using Python	IIT Ropar	12 Weeks	https://nptel.ac.in/courses/106106182
5	noc23-cs22	Discrete Mathematics	IIT Ropar	12 Weeks	https://nptel.ac.in/courses/106106183
6	noc23-cs24	Deep Learning - IIT Ropar	IIT Ropar	12 Weeks	https://nptel.ac.in/courses/106106184
7	noc23-cs30	Getting Started with Competitive Programming	IIT Gandhinagar	12 Weeks	https://nptel.ac.in/courses/106106231
8	noc23-cs31	Theory of Computation	IIT Hyderabad	12 Weeks	https://nptel.ac.in/courses/106106242
9	noc23-cs36	Affective Computing	IIITD	12 Weeks	https://nptel.ac.in/courses/106106244
10	noc23-cs44	Ethical Hacking	IITKGP	12 Weeks	https://nptel.ac.in/courses/106105217
11	noc23-cs45	Natural Language Processing	IITKGP	12 Weeks	https://nptel.ac.in/courses/106105158
12	noc23-cs47	Blockchain and its Applications	IITKGP	12 Weeks	https://nptel.ac.in/courses/106105235
13	noc23-cs49	Programming In Java	IITKGP	12 Weeks	https://nptel.ac.in/courses/106105191
14	noc23-cs56	Deep Learning	IITKGP	12 Weeks	https://nptel.ac.in/courses/106105215
15	noc23-cs57	Compiler Design	IITKGP	12 Weeks	https://nptel.ac.in/courses/106105190
16	noc23-cs58	Introduction to Automata, Languages and Computation	IITKGP	12 Weeks	https://nptel.ac.in/courses/106105196

17	noc23-cs60	Discrete Structures	IITKGP	12 Weeks	https://nptel.ac.in/courses/106105192
18	noc23-cs61	GPU Architectures And Programming	IITKGP	12 Weeks	https://nptel.ac.in/courses/106105220
19	noc23-cs62	Foundations of Cyber Physical Systems	IITKGP	12 Weeks	https://nptel.ac.in/courses/106105241

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:

Subject Code	Subject Name	Credits
MnPCCS106	Computer Graphics	3
MnLPCCS106	Computer Graphics 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. Fill in the details at <https://forms.gle/KsRSu1RdMbpZet6D8> immediately after registering for MOOC's course and the duly filled proforma (available on the departmental weblink) forwarded by the head of the parent department must be submitted in CSE department office by January 30, 2023. For classroom teaching, proof of fee paid should be attached with the Performa.

HOD(CSE)

Department of Computer Science and Engineering

Performa for Minor Engineering Degree

Classroom Teaching

Session: January-June 2023

University Roll No. : _____

Name : _____

Semester : _____

Parent Branch : _____

Contact Number : _____

Subject Code : _____

Subject Name : _____

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

Signature of Student

HoD (Concerned Department)

Department of Computer Science and Engineering

Performa for Minor Engineering Degree

MOOCSs Course

Session: January-June 2023

University Roll No. : _____

Name : _____

Semester : _____

Parent Branch : _____

Contact Number : _____

Course Id : _____

Course Name : _____

SGPA (1st Sem) : _____

SGPA (2nd Sem) : _____

Signature of Student

HoD (Concerned Department)