GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA
Department of Computer Science and Engineering

Ref. No.: CSE/545   Dated: 25-07-2023

Notice for Minor Degree

The students of branches other than B.Tech. (CSE) and B.Tech. (IT) 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 July-December, 2023 which can be opted through MOOCs is as below (Last date for MOOC's course enrollment is 31st July,2023) :

S. No.	Course Id	Course Name	Duration	Click here to join the course
1	noc23-cs100	Reinforcement Learning	12 Weeks	https://onlinecourses.nptel.ac.in/noc23_cs100/preview
2	noc23-cs102	Parameterized Algorithms	12 Weeks	https://onlinecourses.nptel.ac.in/noc23_cs102/preview
3	noc23-cs103	Getting Started with Competitive Programming	12 Weeks	https://onlinecourses.nptel.ac.in/noc23_cs103/preview
4	noc23-cs107	Social Networks	12 Weeks	https://onlinecourses.nptel.ac.in/noc23_cs107/preview
5	noc23-cs109	Discrete Mathematics	12 Weeks	https://onlinecourses.nptel.ac.in/noc23_cs109/preview
6	noc23-cs110	Deep Learning - IIT Ropar	12 Weeks	https://onlinecourses.nptel.ac.in/noc23_cs110/preview
7	noc23-cs116	Design & Implementation Of Human-Computer Interfaces	12 Weeks	https://onlinecourses.nptel.ac.in/noc23_cs116/preview
8	noc23-cs67	Computer Architecture	12 Weeks	https://onlinecourses.nptel.ac.in/noc23_cs67/preview
9	noc23-cs74	Programming In Java	12 Weeks	https://onlinecourses.nptel.ac.in/noc23_cs74/preview
10	noc23-cs75	Ethical Hacking	12 Weeks	https://onlinecourses.nptel.ac.in/noc23_cs75/preview
11	noc23-	Computer	12	https://onlinecourses.nptel.ac.in/noc23_cs77/preview

	cs77	Vision	Weeks	
12	noc23-cs80	Natural Language Processing	12 Weeks	https://onlinecourses.nptel.ac.in/noc23_cs80/preview
13	noc23-cs83	Introduction To Internet Of Things	12 Weeks	https://onlinecourses.nptel.ac.in/noc23_cs83/preview
14	noc23-cs88	Introduction To Algorithms And Analysis	12 Weeks	https://onlinecourses.nptel.ac.in/noc23_cs88/preview
15	noc23-cs98	Introduction To Machine Learning	12 Weeks	https://onlinecourses.nptel.ac.in/noc23_cs98/preview

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/course name, studied already by him/her through MOOCs.
7. The list of classroom teaching course for minor engineering degree for the session January-June, 2023 are as follows:

Subject Code	Subject Name	Credits
MnPCCS105	Computer Networks	3
MnLPCCS105	Computer Networks Laboratory	1

Instructions:

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/S5hmHgsjMZGfTm9s6 immediately after registering for Moocs Course. Also the duly filled proforma forwarded by the head of the parent department must be submitted in the department office by August 25th, 2023. For classroom teaching, proof of fee paid should be attached with the Performa.

Dr. Parminder Singh
HOD

Department of Computer Science and Engineering

Performa for Minor Engineering Degree

Classroom Teaching Course

(Session: _____)

Branch: _____

University Roll No.: _____

College Roll No.: _____

Semester: _____

Name: _____

Contact No.: _____

Section: _____

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

Signature of Student

It is hereby verified that the courses enrolled by the student in _____ session for the fulfilment of Minor Degree in Computer Science and Engineering, has not been offered in the department's scheme.

Signature of Academic In-charge (Parent Department)

HOD (Parent Department)

HOD (Computer Science and Engineering Department)

Department of Computer Science and Engineering

Performa for Minor Engineering Degree

MOOCs course

(Session: _____)

Branch: _____

University Roll No.: _____

College Roll No.: _____

Semester: _____

Name: _____

Contact No.: _____

Section: _____

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

Signature of Student

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Signature of Academic In-charge (Parent Department)

HOD (Parent Department)

HOD (Computer Science and Engineering Department)