



GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA
An Autonomous College U/S Act – 1956
DEPARTMENT OF ELECTRICAL ENGINEERING

Ref. No. EE/521

Dated:26.07.2023

NOTICE

The list of courses to be offered for Honour and Minor degree through MOOCs/ Classroom teaching in B. Tech (EE) for the session Jul-Dec-2023 is available in the table below.

NPTEL MOOCs courses for Honour Degree

Sr. No	Course ID	Course Name
1	noc23-ee100	Applied Linear Algebra For Signal Processing, Data Analytics, and Machine Learning
2	noc23-ee80	Fiber Optic Communication Technology
3	noc23-ee140	Design Of Electric Motors
4	noc23-ee107	Design Of Photovoltaic Systems
5	noc23-ee87	Machine Learning And Deep Learning - Fundamentals And Applications
6	noc23-ee85	Probability Foundations For Electrical Engineers
7	noc23-ee83	Phase-Locked Loops
8	noc23-ee99	Applied Optimization For Wireless, Machine Learning, Big Data
9	noc23-ee90	Mathematical Aspects of Biomedical Electronic System Design

NPTEL MOOCs / Classroom teaching courses for Minor Degree

Batch	Sr. No	Course ID	Course Name	Remarks
2020, 2021 and 2022 (online)	1	noc23-ee105	Transducers For Instrumentation	Applicable for students other than EE dept
	2	noc23-ee106	Analog Electronic Circuit	
	3	noc23-ee111	Power System Protection	
	4	noc23-ee116	Fundamentals Of Electrical Engineering	
	5	noc23-ee124	Smart Grid: Basics To Advanced Technologies	
2020, 2021 and 2022 (offline)	1	MnPCEE-102	Electrical Measurement & Instrumentation	

Note:

- All interested students are required to fill out the form (link mentioned below*) 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 18th, 2023.
- The college fees for the theory course will be Rs. 5000/- including Rs. 500/- examination fees and Rs.2500/- for practical courses.
- Re-appear fees will be Rs. 500/- for per theory course and Rs. 250/- for the practical course.
- The examination and MSE's will be held along with regular exams for classroom teaching subjects.
- Students are required to submit the duly filled Performa (Attached) in the department office by August 18th, 2023. For classroom teaching, proof of fee paid should be attached with the Performa.

6. For the minor degree, the application of the student should be sent through the concerned department

*Link - <https://docs.google.com/forms/d/1QdbwXgKbOT3UIZ7FxVNSZDBqO8AE047wyZl-IBGZib0/edit>

HOD
(EE-Dept.)

CC:

1. Dean Academics for information
2. HOD's (CE/ECE/CSE/IT/ME & PE)
3. BOS file
4. Mentors from 3rd, 5th and 7th semesters to guide students for maximize enrolment.
5. Office copy.