

Guru Nanak Dev Engineering College, Ludhiana
Department of Electrical Engineering

Ref.No.:

Date:

Notice for Minor Degree

The students of branches other than B.Tech. (EE) can opt for minor engineering degree as per the following guidelines:

1. The students can earn 8 credits out of total 20 credits through MOOCs. The remaining 12 credits have to be earned through class room teaching in EED. The subjects for classroom teaching will be mentioned on departmental website.
2. List of subjects for session Jan-April 2022 which can be opted through MOOCs is as below:

Course ID	Course Name	Institute	URL
noc22-ee60	Statistical Signal Processing	IITG	https://onlinecourses.nptel.ac.in/noc22_ee60/preview
noc22-ee03	Fundamental of Power Electronics	IISc	https://onlinecourses.nptel.ac.in/noc22_ee03/preview
noc22-ee04	Principles of Signals and Systems	IITK	https://onlinecourses.nptel.ac.in/noc22_ee04/preview
noc22-ee05	Principles of Communication Systems - I	IITK	https://onlinecourses.nptel.ac.in/noc22_ee05/preview
noc22-ee06	Electrical Machines - II	IITKGP	https://onlinecourses.nptel.ac.in/noc22_ee06/preview
noc22-ee07	Network Analysis	IITKGP	https://onlinecourses.nptel.ac.in/noc22_ee07/preview
noc22-ee09	Microprocessors and Interfacing	IITG	https://onlinecourses.nptel.ac.in/noc22_ee09/preview
noc22-ee10	Principles of Digital Communications	IITD	https://onlinecourses.nptel.ac.in/noc22_ee10/preview
noc22-ee11	Analog Electronic Circuits	IITKGP	https://onlinecourses.nptel.ac.in/noc22_ee11/preview
noc22-ee12	Microprocessors And Microcontrollers	IITKGP	https://onlinecourses.nptel.ac.in/noc22_ee12/preview
noc22-ee13	Fundamentals of semiconductor devices	IISc	https://onlinecourses.nptel.ac.in/noc22_ee13/preview
noc22-ee16	High Power Multilevel Converters - Analysis, design and operational issues	IITD	https://onlinecourses.nptel.ac.in/noc22_ee16/preview
noc22-ee17	Power System Engineering	IITKGP	https://onlinecourses.nptel.ac.in/noc22_ee17/preview
noc22-ee18	Power System Dynamics, Control and Monitoring	IITKGP	https://onlinecourses.nptel.ac.in/noc22_ee18/preview

noc22-ee19	Biomedical Signal Processing	IITKGP	https://onlinecourses.nptel.ac.in/noc22_ee19/preview
noc22-ee20	Spread Spectrum Communications and Jamming	IITKGP	https://onlinecourses.nptel.ac.in/noc22_ee20/preview
noc22-ee21	Fuzzy Sets, Logic and Systems & Applications	IITK	https://onlinecourses.nptel.ac.in/noc22_ee21/preview
noc22-ee22	Antennas	IITB	https://onlinecourses.nptel.ac.in/noc22_ee22/preview
noc22-ee27	Integrated Circuits, Mosfets, OP-Amps and their Applications	IISc	https://onlinecourses.nptel.ac.in/noc22_ee27/preview
noc22-ee31	Control engineering	IITM	https://onlinecourses.nptel.ac.in/noc22_ee31/preview
noc22-ee32	Multirate DSP	IITM	https://onlinecourses.nptel.ac.in/noc22_ee32/preview
noc22-ee34	Circuit Analysis for Analog Designers	IITM	https://onlinecourses.nptel.ac.in/noc22_ee34/preview
noc22-ee35	Operation and Planning of Power Distribution Systems	IITG	https://onlinecourses.nptel.ac.in/noc22_ee35/preview
noc22-ee37	Analog Ic Design	IITM	https://onlinecourses.nptel.ac.in/noc22_ee37/preview
noc22-ee38	Digital IC Design	IITM	https://onlinecourses.nptel.ac.in/noc22_ee38/preview

3. The credits earned in Minor engineering will not be considered for an Honour degree.
4. Passed out students can also avail the option of pursuing a minor degree in EE, however the degree must be completed within stipulated period as notified by IKGPTU for the completion of the B.Tech.
5. The allotted number of seats for minor engineering degree in Electrical Engineering are 50 per batch and allotment will be done on merit basis.
6. The student should not choose the course having similar contents, studied already by him/her through MOOCs.
7. The students must enroll on the web link mentioned along with the course.
8. The duly filled forms (available on departmental web link) forwarded by the head of the parent department must be submitted in EED office by 17th Jan,2022.

HOD (EE)