

Guru Nanak Dev Engineering College, Ludhiana
Department of Electrical Engineering

Ref.No.:

Date:

Notice for Honour Degree

The students of B.Tech. (EE) (2018 batch onwards) can opt for Honour degree as per the following guidelines:

1. List of subjects for session July-December, 2021 which can be opted through MOOCs is as below:

Course Id	Course Name	Institute Offering	Duration	Link
noc21-ee60	Fabrication Techniques for MEMs-based sensors : clinical perspective	IISc	12 Weeks	https://onlinecourses.nptel.ac.in/noc21_ee60/preview
noc21-ee61	Op-Amp Practical Applications: Design, Simulation and Implementation	IISc	12 Weeks	https://onlinecourses.nptel.ac.in/noc21_ee61/preview
noc21-ee62	Design of photovoltaic systems	IISc	12 Weeks	https://onlinecourses.nptel.ac.in/noc21_ee62/preview
noc21-ee72	Microwave Theory and Techniques	IITB	12 Weeks	https://onlinecourses.nptel.ac.in/noc21_ee72/preview
noc21-ee74	Analog communication	IITKGP	12 Weeks	https://onlinecourses.nptel.ac.in/noc21_ee74/preview
noc21-ee78	Digital Image Processing	IITKGP	12 Weeks	https://onlinecourses.nptel.ac.in/noc21_ee78/preview
noc21-ee79	Pattern Recognition and Application	IITKGP	12 Weeks	https://onlinecourses.nptel.ac.in/noc21_ee79/preview
noc21-ee81	Optical Engineering	IITM	12 Weeks	https://onlinecourses.nptel.ac.in/noc21_ee81/preview
noc21-ee82	Applied Electromagnetics For Engineers	IITK	12 Weeks	https://onlinecourses.nptel.ac.in/noc21_ee82/preview
noc21-ee86	Microelectronics: Devices To Circuits	IITR	12 Weeks	https://onlinecourses.nptel.ac.in/noc21_ee86/preview
noc21-ee87	Introduction to Photonics	IITM	12 Weeks	https://onlinecourses.nptel.ac.in/noc21_ee87/preview
noc21-ee88	Microwave Engineering	IITG	12 Weeks	https://onlinecourses.nptel.ac.in/noc21_ee88/preview

noc21-ee90	Enclosure design of electronics equipment	IISc	12 Weeks	https://onlinecourses.nptel.ac.in/noc21_ee90/preview
noc21-ee91	Computational Electromagnetics	IITM	12 Weeks	https://onlinecourses.nptel.ac.in/noc21_ee91/preview
noc21-ee92	Probability Foundations for Electrical Engineers	IITM	12 Weeks	https://onlinecourses.nptel.ac.in/noc21_ee92/preview
noc21-ee93	Stochastic Modeling and the Theory of Queues	IITM	12 Weeks	https://onlinecourses.nptel.ac.in/noc21_ee93/preview
noc21-ee98	Integrated Photonics Devices and Circuits	IITM	12 Weeks	https://onlinecourses.nptel.ac.in/noc21_ee98/preview
noc21-ee100	Image Signal Processing	IITM	12 Weeks	https://onlinecourses.nptel.ac.in/noc21_ee100/preview
noc21-ee101	Introductory Neuroscience & Neuro-Instrumentation	IISc	12 Weeks	https://onlinecourses.nptel.ac.in/noc21_ee101/preview
noc21-ee102	Signal Processing for mm Wave communication for 5G and beyond	IITKGP	12 Weeks	https://onlinecourses.nptel.ac.in/noc21_ee102/preview
noc21-ee103	Power Quality	IITD	12 Weeks	https://onlinecourses.nptel.ac.in/noc21_ee103/preview
noc21-ee104	Control and Tuning Methods in Switched Mode Power Converters	IITKGP	12 Weeks	https://onlinecourses.nptel.ac.in/noc21_ee104/preview
noc21-ee105	Mathematical Aspects of Biomedical Electronic System Design	IISc	12 Weeks	https://onlinecourses.nptel.ac.in/noc21_ee105/preview
noc21-ee108	Principles and Techniques of Modern Radar Systems	IITKGP	12 Weeks	https://onlinecourses.nptel.ac.in/noc21_ee108/preview
noc21-ee109	Power System Protection	IITKGP	12 Weeks	https://onlinecourses.nptel.ac.in/noc21_ee109/preview
noc21-ee111	Advanced Microwave Guided-Structures and Analysis	IITKGP	12 Weeks	https://onlinecourses.nptel.ac.in/noc21_ee111/preview
noc21-ee112	Electric vehicles and Renewable energy	IITM	12 Weeks	https://onlinecourses.nptel.ac.in/noc21_ee112/preview
noc21-ee113	Linear Systems Theory	IITM	12 Weeks	https://onlinecourses.nptel.ac.in/noc21_ee113/preview
noc21-ee114	Fiber Optic Communication Technology	IITM	12 Weeks	https://onlinecourses.nptel.ac.in/noc21_ee114/preview

2. The subjects should be chosen other than in the study scheme 2018 of B. Tech. (EE).
3. Twenty (20) credits can be earned through MOOCs to secure Honour degree.
4. Choice of one course other than parent branch is allowed.
5. The students must enroll on the web link mentioned along with the course latest by 2nd Aug, 2021.
6. The duly filled proforma (available on departmental web site ee.gndec.ac.in) must be submitted in the EED office by 10th August,2021.

HOD (EE)

