



DEPARTMENT OF ELECTRONICS COMMUNICATION AND INSTRUMENTATION ENGINEERING

No. / HMP/B.Tech-ECI/KITS/ECIED /2024

Date: 05.12.2024

Submitted to the Prof. I/c Minor Programme:

Sub:Submission of identified Equivalent SWAYAM-MOOC courses for B.Tech (ECI)

Programmes- Reg.

Ref.No.03 /HMP/KITS/2024/dated; 24.11.2024

It is bring to your kind notice that following are the details of SWAYAM-NPTEL MOOC Courses identified from the department end based on the circular released from your office vide reference cited above. The document is submitted for your favour of information & kind perusal.

Honors Programme- B.Tech(ECI) :

S. No	MINOR curriculum course Identified by the Dept	Equivalent SWAYAM - MOOCcourse	ONLINE COURSELINK
1.	U18MCI1001 AnalogElectronicCircuits	Analog Electronic Circuits - IITM	https://onlinecourses.nptel.ac.in/noc25_ee05/preview
2.	U18MCI1002 SignalsandSystems	Signals and Systems	https://onlinecourses.nptel.ac.in/noc25_ee78/preview
3.	U18MCI1003 ElectricalMeasurementandElectronicInstruments	-	-
4.	U18MCI1004 DigitalCircuits	Digital Electronic Circuits	https://onlinecourses.nptel.ac.in/noc25_ee20/preview
5.	U18MCI1005 Sensors&Actuators	Sensors and Actuators	https://onlinecourses.nptel.ac.in/noc25_ee76/preview
6.	U18MCI1006 CommunicationEngineering	Principles of Communication Systems - I	https://onlinecourses.nptel.ac.in/noc25_ee68/preview
7.	U18MCI1007 IntegratedCircuits	-	-
8.	U18MCI1008 DigitalSignalProcessing	Digital Signal Processing and its Applications	https://onlinecourses.nptel.ac.in/noc25_ee23/preview
9.	U18MCI1009 MicroprocessorsandInterfacing	Microprocessors and Interfacing	https://onlinecourses.nptel.ac.in/noc25_ee48/preview
10.	U18MCI1010 IndustrialInternetofThings	Introduction To Industry 4.0 And Industrial Internet Of Things	https://onlinecourses.nptel.ac.in/noc25_cs43/preview
11.	U18MCI1011 IntroductiontoEmbeddedSystemDesign	-	-
12.	U18MCI1012 MathematicalFoundationforMachineLearning	Introduction to Machine Learning	https://nptel.ac.in/courses/106106139
13.	U18MCI1013 ArtificialIntelligenceandApplications	Artificial Intelligence (AI) for Investments	https://onlinecourses.nptel.ac.in/noc25_mg08/preview
14.	U18MCI1014	Fundamentals of MIMO Wireless Communication	https://onlinecourses.nptel.ac.in/noc25_ee

	WirelessandCellularCommunications		38/preview
15.	U18MCI1015 FiberOptic Communications	-	-
16.	U18MCI1016 DigitalImageProcessing	-	-
17.	U18MCI1017 VLSIDesign	Digital VLSI Testing	https://onlinecourses.nptel.ac.in/noc25_ee25/preview
18.	U18MCI1018 BiomedicalInstrumentation	Medical Image Analysis	https://onlinecourses.nptel.ac.in/noc25_ee47/preview

MINOR Programme _ B.Tech(ECI):

Smt. R.Nirmala Devi
Dept. NPTEL Coordinator

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Head, Dept. of ECIE

Copy to:

1. *The Dean AA*
2. *The Institute MOOCs Coordinator*
3. *For Posting in website department page*
4. *ECED-ECI Stack file (HMP/MOOCs)*