

Electrical

Sem-III

Subject – Electrical Circuit

NOC:Basic Electrical Circuits Dr. Nagendra Krishnapura IIT Madras –
<https://nptel.ac.in/courses/108106172>

NOC:Basic Electrical Circuits Prof. Gajendranath Chowdary IIT Madras -
<https://nptel.ac.in/courses/117106108>

NOC:Basic Electric Circuits Prof. Ankush Sharma IIT Kanpur –
<https://nptel.ac.in/courses/108104139>

Subject –Electrical Machines

NOC:Electrical Machines Prof. G.Bhuvaneshwari IIT Delhi –
<https://nptel.ac.in/courses/108102146>

NOC:Electrical Machines - I Prof. Tapas Kumar Bhattacharya IIT Kharagpur –
<https://nptel.ac.in/courses/108105155>

NOC:Electrical Machines - II Prof. Tapas Kumar Bhattacharya IIT Kharagpur –
<https://nptel.ac.in/courses/108105131>

Electrical Machines -I Dr. D.Kastha IIT Kharagpur –
<https://nptel.ac.in/courses/108105017>

Subject – Instrument & Measuring Instruments

NOC:Electrical Measurement and Electronic Instruments Prof. Avishek Chatterjee IIT Kharagpur –
<https://nptel.ac.in/courses/108105153>

NOC: Measurement and Instrumentation, IIT Guwahati Prof. Ravindra Kumar Jha
<https://nptel.ac.in/courses/108103862>

Subject – Electronics Engineering

NOC:Analog Electronic Circuits – IITM -
<https://nptel.ac.in/courses/108106188>

NOC: Analog Electronic Circuits, IIT Kharagpur Prof. Pradip Mandal
<https://nptel.ac.in/courses/108105158>

NOC: Analog Electronic Circuit, IIT Delhi Prof. Shouribrata chatterjee
<https://nptel.ac.in/courses/108102112>

Analog Circuits Prof. A.N. Chandorkar IIT Bombay –
<https://nptel.ac.in/courses/117101106>

Subject – IPR & Entrepreneurship

NOC: Intellectual Property Rights and Competition Law, IIT Kharagpur Prof. K. D. Raju, Prof. Niharika Sahoo Bhattacharya

<https://nptel.ac.in/courses/110105139>

NOC: Intellectual Property Prof. Feroze Ali IIT Madras -

<https://nptel.ac.in/courses/109106137>

NOC: Introduction on Intellectual Property to Engineers and Technologists Prof. Tapas Kumar Bandyopadhyay IIT Kharagpur -

<https://nptel.ac.in/courses/109105112>

NOC: Entrepreneurship Prof. C Bhaktavatsala Rao IIT Madras -

<https://nptel.ac.in/courses/110106141>

NOC: Innovation, Business Models and Entrepreneurship Prof. Vinay Sharma Prof. Rajat Agrawal IIT Roorkee -

<https://nptel.ac.in/courses/110107094>

Economics / Management / Entrepreneurship Prof. P.K.J. Mohapatra IIT Kharagpur -

<https://nptel.ac.in/courses/110105067>

Subject – Non Conventional Energy Sources

NOC: Non-conventional energy Resources, IIT Madras Prof. Prathap Haridoss

<https://nptel.ac.in/courses/121106014>

Electrical

Sem-IV

Subject – Signals And Systems

NOC:Signals and Systems Prof. Kushal K. Shah IISER Bhopal –
<https://nptel.ac.in/courses/108106163>

NOC:Principles of Signals and Systems Prof. Aditya K. Jagannatham IIT Kanpur –
<https://nptel.ac.in/courses/108104100>

Subject – Electromagnetic Field And Wave

Engineering Electromagnetics Prof. Sheel Aditya IIT Delhi –
<https://nptel.ac.in/courses/108102119>

NOC: Introduction to Electromagnetic Theory, IIT Kanpur Prof. Manoj Harbola
<https://nptel.ac.in/courses/115104088>

Electromagnetic Fields, IIT Madras Prof. Harishankar Ramachandran
<https://nptel.ac.in/courses/108106073>

Subject – Power Electronics Devices And Circuits

NOC:Power Electronics Prof. G.Bhuvaneshwari IIT Delhi –
<https://nptel.ac.in/courses/108102145>

NOC:Fundamental of Power Electronics Prof. L. Umanand IISc Bangalore –
<https://nptel.ac.in/courses/108101126>

Power Electronics Prof. Kishore Chatterjee Prof. B.G. Fernandes IIT Bombay –
<https://nptel.ac.in/courses/108101038>

Electrical

Sem-V

Subject – Electrical AC Machine – II

NOC:Electrical Machines Prof. G.Bhuvaneshwari IIT Delhi –
<https://nptel.ac.in/courses/108102146>

NOC:Electrical Machines - I Prof. Tapas Kumar Bhattacharya IIT Kharagpur –
<https://nptel.ac.in/courses/108105155>

NOC:Electrical Machines - II Prof. Tapas Kumar Bhattacharya IIT Kharagpur –
<https://nptel.ac.in/courses/108105131>

Electrical Machines -I Dr. D.Kastha IIT Kharagpur –
<https://nptel.ac.in/courses/108105017>

Subject – Electrical Power System – II

NOC:Power System Engineering Prof. Debapriya Das IIT Kharagpur –
<https://nptel.ac.in/courses/108105104>

NOC:Power system analysis Prof. Debapriya Das IIT Kharagpur –
<https://nptel.ac.in/courses/117105140>

Power System Analysis Prof. A.K. Sinha IIT Kharagpur –
<https://nptel.ac.in/courses/108105067>

Subject – Control Systems

NOC:Control systems Prof. C.S.Shankar Ram IIT Madras –
<https://nptel.ac.in/courses/107106081>

Subject – Electromagnetic Field And Wave

Engineering Electromagnetics Prof. Sheel Aditya IIT Delhi –
<https://nptel.ac.in/courses/108102119>

NOC: Introduction to Electromagnetic Theory, IIT Kanpur Prof. Manoj Harbola
<https://nptel.ac.in/courses/115104088>

Electromagnetic Fields, IIT Madras Prof. Harishankar Ramachandran
<https://nptel.ac.in/courses/108106073>

Subject – Renewable Energy Sources

NOC:Renewable Energy Engineering: Solar, Wind and Biomass Energy Systems Prof. R. Anandalakshmi Prof. Vaibhav Vasant Goud IIT Guwahati –
<https://nptel.ac.in/courses/103103206>

NOC:Physics of Renewable Energy Systems Prof. Amreesh Chandra IIT Kharagpur –
<https://nptel.ac.in/courses/115105127>

Subject – Advanced Power Electronics

NOC: Advance Power Electronics, IIT Delhi Prof. Bhim Singh

<https://nptel.ac.in/courses/108102584>

NOC: Advance Power Electronics and Control, IIT Roorkee Prof. Avik Bhattacharya

<https://nptel.ac.in/courses/108107128>

Subject – Advanced Measurements And Instrumentation

NOC:Electrical Measurement and Electronic Instruments Prof. Avishek Chatterjee IIT Kharagpur –

<https://nptel.ac.in/courses/108105153>

Subject – Analog And Digital Communication

NOC:Analog communication Prof. Goutam Das IIT Kharagpur –

<https://nptel.ac.in/courses/117105143>

NOC:Principles of Digital Communications Prof. Abhishek Dixit IIT Delhi –

<https://nptel.ac.in/courses/108102120>

DIGITAL COMMUNICATION Prof. Surendra Prasad IIT Delhi –

<https://nptel.ac.in/courses/108102096>

Electrical

Sem-VI

Subject – Power System Protection And Switchgear

NOC: Power System Protection and Switchgear, IIT Roorkee Prof. Bhaveshkumar R. Bhalja
<https://nptel.ac.in/courses/108107167>

NOC:Power System Protection Prof. Ashok Kumar Pradhan IIT Kharagpur –
<https://nptel.ac.in/courses/108105167>

Subject – Microcontroller Applications

NOC:Microprocessors And Microcontrollers Prof. Santanu Chattopadhyay IIT Kharagpur –
<https://nptel.ac.in/courses/108105102>

Subject – Control System Design

NOC:Control System Design Prof. G R Jayanth IISc Bangalore –
<https://nptel.ac.in/courses/115108104>

NOC:Control systems Prof. C.S.Shankar Ram IIT Madras –
<https://nptel.ac.in/courses/107106081>

Subject – Signals And Systems

NOC:Signals and Systems Prof. Kushal K. Shah IISER Bhopal –
<https://nptel.ac.in/courses/108106163>

NOC:Principles of Signals and Systems Prof. Aditya K. Jagannatham IIT Kanpur –
<https://nptel.ac.in/courses/108104100>

Subject – Special Electric Vehicles

NOC:Fundamentals of Electric vehicles: Technology & Economics Prof. Ashok Jhunjunwala
Prof. Prabhjot Kaur Prof. Kaushal Kumar Jha Prof. L Kannan IIT Madras –
<https://nptel.ac.in/courses/108106170>

NOC:Electric Vehicles - Part 1 Prof. Amit Jain Avanish Tripathi IIT Delhi –
<https://nptel.ac.in/courses/108102121>

Electrical

Sem-VII

Subject – Electric Drives And Control

NOC: Fundamentals of Electric Drives Prof. Shyama Prasad Das IIT Kanpur –
<https://nptel.ac.in/courses/108104140>

Subject – Electrical Power System – III

NOC: Power System Engineering Prof. Debapriya Das IIT Kharagpur –
<https://nptel.ac.in/courses/108105104>

NOC: Power system analysis Prof. Debapriya Das IIT Kharagpur –
<https://nptel.ac.in/courses/117105140>

Power System Analysis Prof. A.K. Sinha IIT Kharagpur –
<https://nptel.ac.in/courses/108105067>

Subject – Digital Control System

NOC: Control systems Prof. C.S. Shankar Ram IIT Madras –
<https://nptel.ac.in/courses/107106081>

Subject – HVDC Transmission Systems

High Voltage DC Transmission Dr. S.N. Singh IIT Kanpur –
<https://nptel.ac.in/courses/108104013>

Subject – Internet Of Things

NOC: Design for internet of things Prof. T V Prabhakar IISc Bangalore –
<https://nptel.ac.in/courses/108108098>

NOC: Design for internet of things Prof. T V Prabhakar IISc Bangalore –
<https://nptel.ac.in/courses/108108179>

NOC: Introduction To Internet Of Things, IIT Kharagpur Prof. Sudip Misra
<https://nptel.ac.in/courses/106105166>

Subject – Digital Signal Processor And Application

NOC: Advance power electronics and Control Prof. Avik Bhattacharya IIT Roorkee –
<https://nptel.ac.in/courses/108107128>

NOC: Power System Protection Prof. Ashok Kumar Pradhan IIT Kharagpur –
<https://nptel.ac.in/courses/108105167>

Subject – Microgrid And Smart Grid

NOC:Dc Microgrid and Control System Prof. Avik Bhattacharya IIT Roorkee –
<https://nptel.ac.in/courses/108107143>

NOC:Smart Grid: Basics to Advanced Technologies Prof. Premalata Jena Prof. N.P. Padhy IIT Roorkee –
<https://nptel.ac.in/courses/108107113>

Subject – Power System Dynamics and Control

Power System Dynamics and Control Dr. A.M. Kulkarni IIT Bombay –
<https://nptel.ac.in/courses/108101004>

Subject – Artificial Intelligence And Machine Learning

NOC: An Introduction to Artificial Intelligence, IIT Delhi Prof. Mausam
<https://nptel.ac.in/courses/106102220>

Artificial Intelligence, IIT Kharagpur Prof. Anupam Basu, Prof. S. Sarkar
<https://nptel.ac.in/courses/106105077>

NOC: Fundamentals of Artificial Intelligence, IIT Guwahati Prof. Shyamanta M. Hazarika
<https://nptel.ac.in/courses/112103280>

NOC:Artificial Intelligence Search Methods For Problem Solving Prof. Deepak Khemani IIT Madras –
<https://nptel.ac.in/courses/106106126>

NOC:Introduction to Machine Learning Prof. S. Sarkar IIT Kharagpur –
<https://nptel.ac.in/courses/106105152>

NOC: Introduction to Machine Learning, IIT Madras Prof. Balaraman Ravindran
<https://nptel.ac.in/courses/106106139>

Subject – Electric Machine Design

NOC:Electrical Machines Prof. G.Bhuvaneshwari IIT Delhi –
<https://nptel.ac.in/courses/108102146>

NOC:Electrical Machines - I Prof. Tapas Kumar Bhattacharya IIT Kharagpur –
<https://nptel.ac.in/courses/108105155>

NOC:Electrical Machines - II Prof. Tapas Kumar Bhattacharya IIT Kharagpur –
<https://nptel.ac.in/courses/108105131>

Electrical Machines -I Dr. D.Kastha IIT Kharagpur –
<https://nptel.ac.in/courses/108105017>

Subject - Reliability Engineering

NOC:Introduction to Reliability Engineering Prof. Neeraj Kumar Goyal IIT Kharagpur -
<https://nptel.ac.in/courses/127105234>

NOC:Statistical learning for Reliability Analysis rof. Monalisa Sarma IIT Kharagpur -
<https://nptel.ac.in/courses/106105239>

Subject - Management Information System

NOC:Management Information System Prof. Kunal Kanti Ghosh, Prof. Saini Das, Prof. Surojit Mukherjee IIT Kharagpur -

<https://nptel.ac.in/courses/110105148>

Management Information System Prof. Biswajit Mahanty IIT Kharagpur -

<https://nptel.ac.in/courses/122105022>

Subject - Design Of Experiments

NOC:Design and Analysis of Experiments Prof. Jhareswar Maiti IIT Kharagpur -

<https://nptel.ac.in/courses/110105087>

Subject - Operation Research

NOC:Introduction to Operations Research Prof. G. Srinivasan IIT Madras -

<https://nptel.ac.in/courses/110106062>

Advanced Operations Research Prof. G. Srinivasan IIT Madras -

<https://nptel.ac.in/courses/110106062>

Fundamentals of Operations Research Prof. G. Srinivasan IIT Madras -

<https://nptel.ac.in/courses/112106134>

Subject - Cyber Security & Laws

NOC: Cyber Security and Privacy, IIT Madras

Prof. Saji K Mathew

<https://nptel.ac.in/courses/106106248>

NOC: Internet Crimes and Cyber Security, NALSAR University of Law Prof. K.V.K. Santhy Prof. B Md Irfan

<https://nptel.ac.in/courses/129106894>

NOC:Foundations of Cyber Physical Systems Prof. Soumyajit Dey IIT Kharagpur -

<https://nptel.ac.in/courses/106105241>

Electrical

Sem-VIII

Subject – Electrical System Design & Auditing

NOC: Building Energy Systems and Auditing, IIT Kharagpur Prof. Shankha Pratim Bhattacharya

<https://nptel.ac.in/courses/124105552>

Subject – Power Quality And FACT's

NOC:Power Quality Prof. Bhim Singh IIT Delhi –

<https://nptel.ac.in/courses/108102179>

NOC: Power Quality Improvement Technique, IIT Roorkee Prof. Avik Bhattacharya

<https://nptel.ac.in/courses/108107157>

NOC:Facts Devices Prof. Avik Bhattacharya IIT Roorkee –

<https://nptel.ac.in/courses/108107114>

Subject – Automation And Control

Industrial Automation and Control Prof. S. Prof. S. Mukhopadhyay Sen IIT Kharagpur –

<https://nptel.ac.in/courses/108105062>

NOC: Industrial Automation and Control, IIT Kharagpur Prof. Alokanti Deb

<https://nptel.ac.in/courses/108105088>

Subject – Advance Electric Drives

Advanced Electric Drives Dr. S.P. Das IIT Kanpur –

<https://nptel.ac.in/courses/108104011>

Subject – High Power Switching Converter

NOC:High Power Multilevel Converters- Analysis, design and operational issues Prof. Anand Rup IIT Delhi –

<https://nptel.ac.in/courses/108102157>

Subject – Power System Planning & Reliability

NOC:Operation and Planning of Power Distribution Systems Prof. Sanjib Ganguly IIT Guwahati –

<https://nptel.ac.in/courses/117103149>

Subject – Lighting System Design

Illumination Engineering Prof. N.K. Kishore IIT Kharagpur –

<https://nptel.ac.in/courses/108105060>

Subject – Cyber Physical System

NOC:Foundations of Cyber Physical Systems Prof. Soumyajit Dey IIT Kharagpur –
<https://nptel.ac.in/courses/106105241>

Subject – Electric Vehicle System Design

NOC:Fundamentals of Electric vehicles: Technology & Economics Prof. Ashok Jhunjunwala
Prof. Prabhjot Kaur Prof. Kaushal Kumar Jha Prof. L Kannan IIT Madras –
<https://nptel.ac.in/courses/108106170>

NOC:Electric Vehicles - Part 1 Prof. Amit Jain IIT Delhi –
<https://nptel.ac.in/courses/108102121>

Subject - Project Management

Project and Production Management Prof. Arun Kanda IIT Delhi -
<https://nptel.ac.in/courses/112102106>

Subject - Entrepreneurship Development & Management

NOC:Entrepreneurship Prof. C Bhaktavatsala Rao IIT Madras -
<https://nptel.ac.in/courses/110106141>

NOC:Innovation, Business Models and Entrepreneurship Prof. Vinay Sharma Prof. Rajat
Agrawal IIT Roorkee -
<https://nptel.ac.in/courses/110107094>

Economics / Management / Entrepreneurship Prof. P.K.J. Mohapatra IIT Kharagpur -
<https://nptel.ac.in/courses/110105067>

Subject - Human Resource Management

NOC:Advances in Strategic Human Resource Management Prof. Ashish Pandey IIT Bombay -
<https://nptel.ac.in/courses/110101164>

NOC:Principles of Human Resource Management Prof. A Malik IIT Kharagpur -
<https://nptel.ac.in/courses/110105069>

Human Resource Management-I, IIT Kharagpur Prof. Kalyan Chakravarti
<https://nptel.ac.in/courses/122105020>

Subject - Research Methodology

NOC: Research Methodology, IIT Madras Prof. Edamana Prasad, Prof. Prathap Haridoss
<https://nptel.ac.in/courses/121106007>

Subject – IPR & Patenting

NOC: Intellectual Property Rights and Competition Law, IIT Kharagpur Prof. K. D. Raju, Prof.
Niharika Sahoo Bhattacharya
<https://nptel.ac.in/courses/110105139>

NOC:Intellectual Property Prof. Feroze Ali IIT Madras -
<https://nptel.ac.in/courses/109106137>

NOC:Introduction on Intellectual Property to Engineers and Technologists Prof. Tapas Kumar Bandyopadhyay IIT Kharagpur -
<https://nptel.ac.in/courses/109105112>

Subject - Digital Business Management

NOC:The Future of Manufacturing Business: Role of Digital Technologies Prof. R. K. Amit Prof. U. Chandrasekhar IIT Madras -
<https://nptel.ac.in/courses/110106146>