

LIST OF NPTEL COURSES 2021-22

Sr. NO.	Name of the NPTEL Course	Duration	START DATE & END DATE
1.	Advance power electronics and Control	8 Weeks	25/07/22 to 16/09/2022
2.	Advanced Distributed systems	12 Weeks	25/07/22 to 14/10/2022
3.	Advances in UHV Transmission and Distribution	8 Weeks	25/07/22 to 16/09/2022
4.	Analog Communication	12 Weeks	25/07/22 to 14/10/2022
5.	Analog Electronic Circuits	12 Weeks	25/07/22 to 14/10/2022
6.	Applied Electromagnetics For Engineers	12 Weeks	25/07/22 to 14/10/2022
7.	Awareness Programme on Solar Water Pumping System	4 weeks	01/07/22 to
8.	Basic Electric Circuits	12 Weeks	25/07/22 to 14/10/2022
9.	Basic Electrical Circuits	12 Weeks	25/07/22 to 14/10/2022
10.	Control engineering	12 Weeks	25/07/22 to 14/10/2022
11.	Control systems	12 Weeks	25/07/22 to 14/10/2022
12.	Dc Microgrid and control systems	8 Weeks	25/07/22 to 16/09/2022
13.	Design of photovoltaic systems	12 Weeks	25/07/22 to 14/10/2022
14.	Digital Circuits	12 Weeks	25/07/22 to 14/10/2022
15.	Digital Control in Switched Mode Power Converters and FPGA-based Prototyping	12 Weeks	25/07/22 to 14/10/2022
16.	Digital Electronics and Microprocessor	12 Weeks	25/07/22 to 14/10/2022
17.	Digital Image Processing	12 Weeks	25/07/22 to 14/10/2022
18.	Digital Speech Processing	8 Weeks	25/07/22 to 16/09/2022
19.	Digital Switching - I	8 Weeks	25/07/22 to 16/09/2022
20.	Distributed Systems	8 Weeks	25/07/22 to 16/09/2022
21.	Electrical Distribution System Analysis	8 Weeks	25/07/22 to 16/09/2022
22.	Electrical Machines - I	12 Weeks	25/07/22 to 14/10/2022
23.	Electrical Measurement And Electronic Instruments	12 Weeks	25/07/22 to 14/10/2022
24.	Electricity & Safety Measures	12 Weeks	01/07/22 to
25.	Electrocardiogram - Interpretation and application in clinical practice	4 weeks	25/07/22 to 19/08/22
26.	Electromagnetic Theory	12 Weeks	25/07/22 to 14/10/2022
27.	Electronic Properties of the Materials: Computational Approach	8 Weeks	22/08/22 to 14/10/2022
28.	Elements of Solar Energy Conversion	12 Weeks	25/07/22 to 14/10/2022
29.	Embedded System Design With ARM	8 Weeks	25/07/22 to 16/09/2022
30.	Enclosure design of electronics equipment	12 Weeks	25/07/22 to 14/10/2022
31.	Energy Resources and conversion processes	12 Weeks	01/07/22 to
32.	Foundations of Classical Electrodynamics	12 Weeks	25/07/22 to 14/10/2022
33.	Fundamentals of Electric Drives	8 Weeks	25/07/22 to 16/09/2022
34.	Fundamentals of Electrical Engineering	12 Weeks	25/07/22 to 14/10/2022
35.	Fundamentals of electronic device fabrication	4 weeks	25/07/22 to 19/08/22
36.	Image Signal Processing	12 Weeks	25/07/22 to 14/10/2022
37.	Industrial Safety Engineering	12 Weeks	25/07/22 to 14/10/2022
38.	Intellectual Property Rights and Competition Law	8 Weeks	22/08/22 to 14/10/2022
39.	Introduction to Electrical Engineering	12 Weeks	25/07/22 to 14/10/2022
40.	Introduction to Smart Grid	8 Weeks	25/07/22 to 16/09/2022
41.	Microwave Engineering	12 Weeks	25/07/22 to 14/10/2022
42.	Modern Digital Communication Techniques	12 Weeks	25/07/22 to 14/10/2022
43.	Renewable Energy Technology and Their Uses	12 Weeks	01/07/22 to
44.	Power Plant Engineering	8 Weeks	25/07/22 to 16/09/2022

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45.	Power System Analysis	12 Weeks	25/07/22 to 14/10/2022
46.	Power System Protection	12 Weeks	25/07/22 to 14/10/2022
47.	Principle of Electrical Sciences	12 Weeks	01/07/22 to
48.	Semiconductor Devices and Circuits	12 Weeks	25/07/22 to 14/10/2022
49.	Solar Energy Engineering and Technology	12 Weeks	25/07/22 to 14/10/2022
50.	Solar Photovoltaics Fundamentals, Technology and Applications	8 Weeks	25/07/22 to 16/09/2022
51.	UAV Design - Part II	8 Weeks	25/07/22 to 16/09/2022