

K.L.N COLLEGE OF ENGINEERING, POTTAPALAYAM-630 612
(An Autonomous Institution, Affiliated to Anna University, Chennai)
List of NPTEL Courses recommended for Credit Transfer
(AY: 2021-2022)

Programme: MECH

S.No	Course title	Course duration	Link to join the course
1.	Introduction to Mechanical Micro Machining	12 weeks	https://onlinecourses.nptel.ac.in/noc22_me14/preview
2.	Introduction to Abrasive Machining and Finishing Processes	8 weeks	https://onlinecourses.nptel.ac.in/noc22_me20/preview
3.	Principles of casting technology	8 weeks	https://onlinecourses.nptel.ac.in/noc22_me57/preview
4.	Turbulent Combustion: Theory and Modelling	12 weeks	https://onlinecourses.nptel.ac.in/noc22_me09/preview
5.	Heat Transfer and Combustion in Multiphase Systems	8 weeks	https://onlinecourses.nptel.ac.in/noc22_me42/preview
6.	Design Practice	8 weeks	https://onlinecourses.nptel.ac.in/noc22_me29/preview
7.	Manufacturing guidelines for product design	8 weeks	https://onlinecourses.nptel.ac.in/noc22_me56/preview
8.	Design, Technology and innovation	8 weeks	https://onlinecourses.nptel.ac.in/noc22_de05/preview
9.	Strategies for Sustainable design	12 weeks	https://onlinecourses.nptel.ac.in/noc22_de06/preview

Programme:EEE

S.No	Course title	Course duration	Link to join the course
1.	An introduction to Programming through C++	12 Weeks	https://onlinecourses.nptel.ac.in/noc22_cs42/preview/preview
2.	An introduction to Artificial Intelligence	12 Weeks	https://onlinecourses.nptel.ac.in/noc22_cs56/preview
3.	Cloud computing	12 Weeks	https://onlinecourses.nptel.ac.in/noc22_cs20/preview
4.	Introduction to internet of things	12 Weeks	https://onlinecourses.nptel.ac.in/noc22_cs53/preview
5.	Biomedical Signal Processing	12 Weeks	https://onlinecourses.nptel.ac.in/noc22_ee19/preview
6.	Fuzzy Sets, Logic and Systems & Applications	12 Weeks	https://onlinecourses.nptel.ac.in/noc22_ee21/preview
7.	Optical Fiber Sensors	12 Weeks	https://onlinecourses.nptel.ac.in/noc22_ee67/preview
8.	Design and Analysis of VLSI Subsystems	12 Weeks	https://onlinecourses.nptel.ac.in/noc22_ee44/preview
9.	Power Management Integrated Circuits	12 Weeks	https://onlinecourses.nptel.ac.in/noc22_ee41/preview
10.	Deep Learning	12 weeks	https://onlinecourses.nptel.ac.in/noc22_cs22/preview
11.	Data science for engineers	8 weeks	https://onlinecourses.nptel.ac.in/noc22_cs28/preview
12.	Data Base Management System	8 weeks	https://onlinecourses.nptel.ac.in/noc22_cs51/preview

13.	Programming, Data Structures and Algorithms Using Python	8 weeks	https://onlinecourses.nptel.ac.in/noc22_cs26/preview
14.	CMOS Digital VLSI Design	8 weeks	https://onlinecourses.nptel.ac.in/noc22_ee08/preview
15.	VLSI Signal Processing	8 weeks	https://onlinecourses.nptel.ac.in/noc22_ee57/preview
16.	The Joy of Computing using Python	12 weeks	https://onlinecourses.nptel.ac.in/noc22_cs31/preview

Programme:ECE

Sl.NO	Name of the recommended course and duration	Registration Link
1.	Data Analytics with Python (12 weeks)	https://onlinecourses.nptel.ac.in/noc22_cs08/preview
2.	Machine Learning, ML (8 weeks)* - (For R-2017 Students only)	https://onlinecourses.nptel.ac.in/noc22_cs24/preview
3.	Introduction to Machine Learning(12 weeks)* - (For R-2017 Students only)	https://onlinecourses.nptel.ac.in/noc22_cs29/preview
4.	The Joy of Computing using Python (12 weeks)	https://onlinecourses.nptel.ac.in/noc22_cs31/preview
5.	Data Science for Engineers (8 weeks)	https://onlinecourses.nptel.ac.in/noc22_cs28/preview
6.	Blockchain and its Applications (12 weeks)	https://onlinecourses.nptel.ac.in/noc22_cs44/preview
7.	Introduction To Internet Of Things(12 weeks)	https://onlinecourses.nptel.ac.in/noc22_cs53/preview
8.	Introduction to Database Systems (12 weeks)	https://onlinecourses.nptel.ac.in/noc22_cs57/preview
9.	Biomedical Signal Processing(12 weeks)	https://onlinecourses.nptel.ac.in/noc22_ee19/preview
10.	An Introduction to Artificial Intelligence (12 weeks)	https://onlinecourses.nptel.ac.in/noc22_cs56/preview
11.	Analog Ic Design(12 weeks)	https://onlinecourses.nptel.ac.in/noc22_ee37/preview
12.	Digital IC Design(12 weeks)	https://onlinecourses.nptel.ac.in/noc22_ee38/preview
13.	Computer Vision and Image Processing –Fundamentals and Applications (12 weeks)	https://onlinecourses.nptel.ac.in/noc22_ee48/preview
14.	VLSI Signal Processing (12 weeks)	https://onlinecourses.nptel.ac.in/noc22_ee57/preview
15	Programming, Data Structures and Algorithms Using Python (8 weeks)	https://onlinecourses.nptel.ac.in/noc22_cs26/preview
16	Programming In Java	https://onlinecourses.nptel.ac.in/noc22_cs47/preview
17	Introduction to Soft Computing (8 weeks)	https://onlinecourses.nptel.ac.in/noc22_cs54/preview
18	Microwave Integrated Circuits	https://onlinecourses.nptel.ac.in/noc22_ee14/preview
19	Fundamentals of MIMO Wireless Communication	https://onlinecourses.nptel.ac.in/noc22_ee65/preview
20	Enhancing Soft Skills and Personality	https://onlinecourses.nptel.ac.in/noc22_hs08/preview

Programme: CSE

S No	Course Name	Duration	Course Link
1	Blockchain and its Applications	12 weeks	https://onlinecourses.nptel.ac.in/noc22_cs44/preview
2	Ethical Hacking	12 weeks	https://onlinecourses.nptel.ac.in/noc22_cs13/preview
3	Data Science for Engineers	8 weeks	https://onlinecourses.nptel.ac.in/noc22_cs28/preview
4	Computer Vision and Image Processing- Fundamentals and Application	12 weeks	https://onlinecourses.nptel.ac.in/noc22_ee48/preview
5	Introduction to Soft Computing	8 weeks	https://onlinecourses.nptel.ac.in/noc22_cs54/preview
6	Social Networks	12 weeks	https://onlinecourses.nptel.ac.in/noc22_cs30/preview
7	Introduction to Internet of Things	12 weeks	https://onlinecourses.nptel.ac.in/noc22_cs53/preview
8	User-centric Computing for Human-Computer Interaction	8 weeks	https://onlinecourses.nptel.ac.in/noc22_cs16/preview
9	The Joy of Computing using Python	12 weeks	https://onlinecourses.nptel.ac.in/noc22_cs31/preview

Programme:IT

S.No	Name of the recommended course and duration	Registration Link
1.	Advanced Computer Architecture (8 weeks)	https://onlinecourses.nptel.ac.in/noc22_cs10/preview
2.	An Introduction to Artificial Intelligence (12 weeks)	https://onlinecourses.nptel.ac.in/noc22_cs56/preview
3.	Introduction to Machine Learning (12 weeks)	https://onlinecourses.nptel.ac.in/noc22_cs29/preview
4.	Cloud Computing and Distributed Systems (8 weeks)	https://onlinecourses.nptel.ac.in/noc22_cs18/preview
5.	Social Networks (12 weeks)	https://onlinecourses.nptel.ac.in/noc22_cs30/preview
6.	Introduction To Industry 4.0 And Industrial InternetOf Things (12 weeks)	https://onlinecourses.nptel.ac.in/noc22_cs52/preview
7.	Data Mining (8 weeks)	https://onlinecourses.nptel.ac.in/noc22_cs11/preview
8.	Introduction To Internet Of Things (12 weeks)	https://onlinecourses.nptel.ac.in/noc22_cs53/preview
9.	Blockchain and its Applications (12 weeks)	https://onlinecourses.nptel.ac.in/noc22_cs44/preview
10.	Programming, Data Structures And Algorithms Using Python (8 weeks)	https://onlinecourses.nptel.ac.in/noc22_cs26/preview
11.	Deep Learning (12 weeks)	https://onlinecourses.nptel.ac.in/noc22_cs22/preview
12.	Data Analytics with Python (12 weeks)	https://onlinecourses.nptel.ac.in/noc22_cs08/preview
13.	Ethical Hacking (12 weeks)	https://onlinecourses.nptel.ac.in/noc22_cs13/preview

14.	Data Science for Engineers (8 weeks)	https://onlinecourses.nptel.ac.in/noc22_cs28/preview
15.	The Joy of Computing using Python (12 weeks)	https://onlinecourses.nptel.ac.in/noc22_cs31/preview
16.	Embedded Systems Design (12 weeks)	https://onlinecourses.nptel.ac.in/noc22_cs46/preview
17.	Object Oriented System Development Using UML, Java And Patterns (12 weeks)	https://onlinecourses.nptel.ac.in/noc22_cs55/preview

Programme : EIE

S.No	Name of the recommended course and duration	Registration Link
<u>1.</u>	Biomedical Signal Processing (12 weeks)	https://onlinecourses.nptel.ac.in/noc22_ee19/preview
<u>2.</u>	Introduction to Industry 4.0 and Industrial Internet of Things(12 weeks)	https://onlinecourses.nptel.ac.in/noc22_cs52/preview
<u>3.</u>	Data Science for Engineers(8 weeks)	https://onlinecourses.nptel.ac.in/noc22_cs28/preview
<u>4.</u>	Optical Fiber Sensors (8 weeks)	https://onlinecourses.nptel.ac.in/noc22_ee67/preview
<u>5.</u>	An Introduction to Artificial Intelligence (12 weeks)	https://onlinecourses.nptel.ac.in/noc22_cs56/preview
<u>6.</u>	Solar Photovoltaics: Principles, Technologies & Materials (8 weeks)	https://onlinecourses.nptel.ac.in/noc22_mm08/preview
<u>7.</u>	Enhancing Soft Skills and Personality (8 weeks)	https://onlinecourses.nptel.ac.in/noc22_hs08/preview
<u>8.</u>	Six Sigma (12 weeks)	https://onlinecourses.nptel.ac.in/noc22_mg48/preview
<u>9.</u>	Blockchain and its Applications (12weeks)	https://onlinecourses.nptel.ac.in/noc22_cs44/preview
<u>10.</u>	Industrial Automation and Control(12 weeks)	https://onlinecourses.nptel.ac.in/noc22_me59/preview