

K.L.N. COLLEGE OF ENGINEERING, POTTAPALAYAM

An Autonomous Institution Affiliated to Anna University, Chennai

List of recommended Online Courses for credit transfer during the odd semester of
AY 2023-24

B.E. - Mechanical Engineering

Sl.No	Course Title	Course Duration
1	Product Design and Manufacturing	12 Weeks
2	Introduction To Mechanical Micro Machining	12 Weeks
3	Welding Metallurgy	12 Weeks
4	Robotics: Basics and Selected Advanced Concepts	12 Weeks
5	Advanced Robotics	12 Weeks
6	Computational Fluid Dynamics for Incompressible Flows	12 Weeks
7	Turbulent Combustion: Theory And Modeling	12 Weeks
8	Inverse Methods in Heat Transfer	12 Weeks
9	Fundamentals of Automotive Systems	12 Weeks
10	Understanding Incubation and Entrepreneurship	12 Weeks
11	Usability Engineering	12 Weeks
12	Quality Design And Control	12 Weeks
13	Organizational Design Change and Transformation	12 Weeks
14	Finite element modeling of welding processes	12 Weeks

B.E. - Electrical and Electronics Engineering

Sl.No	Course title	Course Duration
1	Introduction to Machine Learning	12 Weeks
2	Data Science for Engineers	8 Weeks
3	Cloud Computing and Distributed Systems	8 Weeks
4	Cloud Computing	8 Weeks
5	Ethical Hacking	12 Weeks
6	Introduction To Internet Of Things	12 Weeks
7	Fundamentals of Electric Vehicles	4 Weeks

B.E. - Electronics & Communication Engineering

Sl.No	Course title	Course Duration
1	Introduction to Embedded System Design	12 Weeks
2	Data Analytics with Python	12 Weeks
3	The Joy of Computing using Python	12 Weeks
4	Ethical Hacking	12 Weeks
5	Programming In Java	12 Weeks
6	Introduction To Internet Of Things	12 Weeks
7	Introduction To Industry 4.0 And Industrial Internet Of Things	12 Weeks
8	Embedded Systems Design	12 Weeks
9	Digital IC Design	12 Weeks
10	Sensors and actuators	12 Weeks
11	Roadmap for patent creation	8 Weeks
12	Education for Sustainable Development	12 Weeks

**B.E. - Computer Science and Engineering, B.E. - Computer Science and Engineering
(Cyber Security) B.Tech. – Information Technology & B.Tech. – Artificial Intelligence &
Data Science**

Sl.No	Course title	Course Duration
1	Data Analytics with Python	12 Weeks
2	Privacy and Security in Online Social Media	12 Weeks
3	Social Networks	12 Weeks
4	Python for Data Science	4 Weeks
5	Ethical Hacking	12 Weeks
6	Block chain and its Applications	12 Weeks
7	Introduction To Internet Of Things	12 Weeks
8	Deep Learning	12 Weeks

B.E. - Electronics & Instrumentation Engineering

Sl.No	Course title	Course Duration
1	Introduction to Embedded System Design	12 Weeks
2	Data Analytics with Python	12 Weeks
3	The Joy of Computing using Python	12 Weeks
4	Ethical Hacking	12 Weeks
5	Programming In Java	12 Weeks
6	Introduction To Internet of Things	12 Weeks
7	Introduction To Industry 4.0 And Industrial Internet Of Things	12 Weeks
8	Embedded Systems Design	12 Weeks