

## MOOCs for APPLIED ELECTRONICS & INSTRUMENTATION ENGINEERING

No .	Course Name	Duration (Weeks)	Credit	Name of the Mooc websites	Link
1	Introductory Statistics : Basic Ideas and Instruments for Statistical Inference	3		Edx	<a href="https://www.edx.org/course/introductory-statistics-basic-ideas-and-instruments-for-statistical-inference">https://www.edx.org/course/introductory-statistics-basic-ideas-and-instruments-for-statistical-inference</a>
2	Drones and Autonomous Systems I: Fundamentals	6		Edx	<a href="https://www.edx.org/course/drones-and-autonomous-systems-1-fundamentals">https://www.edx.org/course/drones-and-autonomous-systems-1-fundamentals</a>
3	Introduction to the Internet of Things (IoT)	6		Edx	<a href="https://www.edx.org/course/introduction-to-the-internet-of-things-iot-1">https://www.edx.org/course/introduction-to-the-internet-of-things-iot-1</a>
4	IoT Networking and Fog Layer Devices	8		Edx	<a href="https://www.edx.org/course/iot-networking-and-fog-layer-devices">https://www.edx.org/course/iot-networking-and-fog-layer-devices</a>
5	Artificial Intelligence Search Methods For Problem Solving	12	4	Swayam	<a href="https://swayam.gov.in/nd1_noc19_cs83/preview">https://swayam.gov.in/nd1_noc19_cs83/preview</a>
6	Data Science for Engineers	8	3	Swayam	<a href="https://swayam.gov.in/nd1_noc19_cs60/preview">https://swayam.gov.in/nd1_noc19_cs60/preview</a>
7	Electric Cars: Introduction	6		Edx	<a href="https://www.edx.org/course/electric-cars-introduction-0">https://www.edx.org/course/electric-cars-introduction-0</a>
8	Programming for the Internet of Things Project	4		Coursera	<a href="https://www.coursera.org/learn/internet-of-things-project">https://www.coursera.org/learn/internet-of-things-project</a>
9	INTRODUCTION TO CYBER SECURITY	12	4	Swayam	<a href="https://swayam.gov.in/nd2_nou19_cs08/preview">https://swayam.gov.in/nd2_nou19_cs08/preview</a>

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10	Programming for the Internet of Things Project	4		Coursera	<a href="https://www.coursera.org/learn/internet-of-things-project">https://www.coursera.org/learn/internet-of-things-project</a>
11	Introduction to Internet of Things	12	4	Swayam	<a href="https://swayam.gov.in/nd1_noc19_cs65/preview">https://swayam.gov.in/nd1_noc19_cs65/preview</a>
12	Artificial Intelligence (AI)	12		Edx	<a href="https://www.edx.org/course/artificial-intelligence-ai">https://www.edx.org/course/artificial-intelligence-ai</a>
13	Principles of Machine Learning: Python Edition	6		Edx	<a href="https://www.edx.org/course/principles-of-machine-learning-python-edition-3">https://www.edx.org/course/principles-of-machine-learning-python-edition-3</a>
14	Machine Learning	12		Edx	<a href="https://www.edx.org/course/machine-learning">https://www.edx.org/course/machine-learning</a>
15	Introduction to Machine Learning (IITM)	12	4	Swayam	<a href="https://swayam.gov.in/nd1_noc19_cs53/preview">https://swayam.gov.in/nd1_noc19_cs53/preview</a>