

Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)
Effective for Even Semester of 2019-20(REVISED)

MOOCS for MECHANICAL ENGINEERING for B. Tech (Hons)
(2nd to 4th Year)Jan 2020

No	Course name	Duration (weeks)	Credits	Name of the Moocs Provider/ Platform
1	Business Analytics & Text Mining Modeling Using R	12	3	Swayam
2	Drones and Autonomous Systems I: Fundamentals	6	2	Edx
3	Entrepreneurship	15	4	Swayam
4	Data Science: Productivity Tools	8	2	Edx
5	Product Design: The Delft Design Approach	7	2	Edx
6	Lean Production	6	2	Edx
7	Data Science for Engineers	8	2	Swayam
8	Introduction to Machine Learning (IITM)	12	3	Swayam
9	Python for Data Science	4	1	Swayam
10	Introduction to Internet of Things	12	3	Swayam
11	Artificial Intelligence (AI)	12	3	Edx
12	Principles of Machine Learning: Python Edition	6	2	Edx
13	Machine Learning Fundamentals	10	3	Edx
14	Introduction to the Internet of Things (IoT)	6	2	Edx
15	Artificial Intelligence : Knowledge Representation And Reasoning	12	3	Swayam
16	IBM DATA SCIENCE	12	3	Coursera
17	Data Analysis and Presentation Skills: the PwC Approach Specialization	12	3	Coursera
18	Machine Learning with Python	12	3	Coursera
19	Data Processing Using Python	12	3	Coursera
20	Advanced Data Science with IBM Specialization	8	2	Coursera
21	Data Science: Foundations using R Specialization	12	3	Coursera
22	Python for Data Science and AI	8	2	Coursera
23	Data Science: Statistics and Machine Learning Specialization	12	3	Coursera
24	Python and Statistics for Financial Analysis	4	2	Coursera
25	Applied Machine Learning in Python	12	3	Coursera
26	Machine Learning, ML	12	3	COURSERA
27	Inspection and Quality Control in Manufacturing	4	1	NPTEL
28	Machining Science	4	1	NPTEL
29	Failure Analysis and Prevention	8	2	NPTEL
30	Introduction to Soft Matter	8	2	NPTEL
31	Kinematics of Mechanisms and Machines	8	2	NPTEL
32	Modeling and Simulation of Dynamic Systems	8	2	NPTEL
33	Product Design and Manufacturing	12	3	NPTEL
34	Industrial Automation and Control	12	3	NPTEL
35	Applied Ergonomics	12	3	NPTEL
36	Fuzzy Sets, Logic and System Application	12	3	NPTEL
37	Data Analytics with Python	12	3	NPTEL

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38	Machine Learning	8	2	NPTEL
39	Introduction to Machine Learning	12	3	NPTEL
40	An Introduction to Artificial Intelligence	12	3	NPTEL
41	Artificial Intelligence: Knowledge Representation and Reasoning	12	3	NPTEL
42	Deep Learning	12	3	NPTEL
43	Data Science for Engineers	8	2	NPTEL
44	Introduction to Internet of Things	12	3	NPTEL
45	Introduction to Industry 4.0 and Industrial Internet of Things	12	3	NPTEL
46	Introduction to Algorithms and Analysis	12	3	NPTEL