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 Biomedical Engineering
(2nd to 4th Year)

No.	Course Name	Duration (Weeks)	Credit	Name of the Moocs websites	Link
1	Regulatory requirements for medical devices including in vitro diagnostics in India (Version 2.0)	4	1	Swayam	https://swayam.gov.in
2	Artificial Intelligence: Knowledge Representation And Reasoning	12	3	Swayam	https://swayam.gov.in
3	Computational Systems Biology	12	3	SWAYAM	https://swayam.gov.in
4	Biostatistics and Mathematical Biology	12	3	Swayam	https://swayam.gov.in
5	Plastic Waste Management	8	2	Swayam	https://swayam.gov.in
6	Data Science for Engineers	8	2	Swayam	https://swayam.gov.in
7	Introduction to Industry 4.0 and Industrial Internet of Things	12	3	Swayam	https://swayam.gov.in
8	Data Analytics with Python	12	3	Swayam	https://swayam.gov.in
9	IBM DATA SCIENCE	12	3	Coursera	https://www.coursera.org
10	Data Analysis and Presentation Skills: the PwC Approach Specialization	12	3	Coursera	https://www.coursera.org
11	Machine Learning with Python	12	3	Coursera	https://www.coursera.org
12	Data Processing Using Python	12	3	Coursera	https://www.coursera.org
13	Advanced Data Science with IBM Specialization	8	2	Coursera	https://www.coursera.org
14	Data Science: Foundations using R Specialization	12	3	Coursera	https://www.coursera.org
15	Python for Data Science and AI	8	2	Coursera	https://www.coursera.org
16	Data Science: Statistics and Machine Learning Specialization	12	3	Courera	https://www.coursera.org
17	Python and Statistics for Financial Analysis	4	1	Coursera	https://www.coursera.o

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18	Applied Machine Learning in Python	12	3	Coursera	https://www.coursera.org
19	Machine Learning, ML	12	3	COURSERA	https://www.coursera.org
20	Fuzzy Sets, Logic and System Application	12	3	NPTEL	
21	Electronic System for Cancer Diagnostics	12	3	NPTEL	
22	Data Analytics with Python	12	3	NPTEL	
23	Machine Learning	8	2	NPTEL	
24	Real Time Operating System	4	1	NPTEL	
25	Introduction to Machine Learning	12	3	NPTEL	
26	Introduction to Artificial Intelligence	12	3	NPTEL	
27	Embedded System Design with ARM	12	3	NPTEL	
28	Artificial Intelligence: Knowledge Representation and Reasoning	12	3	NPTEL	
29	Deep Learning	12	3	NPTEL	
30	Data Science for Engineers	8	2	NPTEL	
31	Introduction to Internet of Things	12	3	NPTEL	
32	Introduction to Industry 4.0 & Industrial Internet of Things	12	3	NPTEL	