

MOOCS for BIOMEDICAL ENGINEERING

No	Course Name	Duration (Weeks)	Credit	Name of the Mooc websites	Link
1	Biomedical nanotechnology	4	2	Swayam	https://swayam.gov.in/nd1_noc19_bt28/preview
2	Analytical Techniques	15	4	Swayam	https://swayam.gov.in/nd2_ugc19_bt16/preview
3	Computer Aided Drug Design	8	3	Swayam	https://swayam.gov.in/nd1_noc19_bt22/preview
4	Demystifying Biomedical Big Data: A User's Guide	8	3	Edx	https://www.edx.org/course/demystifying-biomedical-big-data-users-georgetownx-biox-201-01x-0
5	Biostatistics for Big Data Applications	8	3	Edx	https://www.edx.org/course/biostatistics-big-data-applications-utmbx-stat101x
6	Biospecimen Research Methods	6	3	Edx	https://www.edx.org/course/biospecimen-research-methods-2
7	Artificial Intelligence Search Methods For Problem Solving	12	4	Swayam	https://swayam.gov.in/nd1_noc19_cs83/preview
8	Data Science for Engineers	8	3	Swayam	https://swayam.gov.in/nd1_noc19_cs60/preview
9	Introduction to Machine Learning (IITM)	12	4	Swayam	https://swayam.gov.in/nd1_noc19_cs53/preview
10	Introduction to Fundamentals of Biomedical Imaging:	12		Edx	https://www.edx.org/course/introduction-to-biomedical-imaging-0
11	Ultrasounds, X-ray, positron emission tomography (PET) and application	7		Edx	https://www.edx.org/course/fundamentals-biomedical-imaging-epflx-fndbioimgx-0

Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)

12	Programming for the Internet of Things Project	4	2	Coursera	https://www.coursera.org/learn/internet-of-things-project
13	Introduction to Internet of Things	12	4	Swayam	https://swayam.gov.in/nd1_noc19_cs65/preview
14	Artificial Intelligence (AI)	12	4	Edx	https://www.edx.org/course/artificial-intelligence-ai
15	INTRODUCTION TO CYBER SECURITY	12	4	Swayam	https://swayam.gov.in/nd2_nou19_cs08/preview