

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

MOOCs for B.Sc. in BIOTECHNOLOGY

No.	Course Name	Duration (Weeks)	Credit	Name of the Mooc websites	Link
1	Analytical Techniques	15	4	Swayam	https://swayam.gov.in/nd2_ugc19_bt16/preview
2	Introduction to Biostatistics	8	3	Swayam	https://swayam.gov.in/nd1_noc19_bt19/preview
3	Principles Of Downstream Techniques In Bioprocess	12	4	Swayam	https://swayam.gov.in/nd1_noc19_bt31/preview
4	Introduction to Machine Learning (IITM)	12	4	Swayam	https://swayam.gov.in/nd1_noc19_cs53/preview
5	Patenting in Biotechnology	7		Coursera	https://www.coursera.org/learn/patenting-bio-ipr
6	Drug Discovery	3		Coursera	https://www.coursera.org/learn/drug-discovery
7	Genomics: Decoding the Universal Language of Life	6		COURSERA	https://www.coursera.org/learn/genomics-research
8	Economics and Policies in a Biobased Economy	4		EDX	https://www.edx.org/course/economics-and-policies-in-a-biobased-economy-2
9	Medicine in the Digital Age	5		EDX	https://www.edx.org/course/medicine-in-the-digital-age-2
10	Industrial Biotechnology	7		EDX	https://www.edx.org/course/industrial-biotechnology-2
11	Principles of Biomanufacturing: Using Biotechnology to Manufacture Medicines	6		EDX	https://www.edx.org/course/principles-of-biomanufacturing-using-biotechnology-to-manufacture-medicines

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12	Ethics in Engineering Practice	8 weeks	3	NPTEL	IIT Kharagpur
13	Ethics and Law in Data and Analytics	Self Paced	4	edX	Microsoft
14	A Life of Happiness and Fulfillment	6 weeks	2	Coursera	Indian School of Business
15	Successful Career Development	2	7 weeks	Coursera	University System of Georgia
16	Working in Teams: A Practical Guide	1	4 weeks	edX	University of Queensland
17	Principles of Downstream techniques in bioprocess	12	4	SWAYAM or NPTEL	https://swayam.gov.in/nd1_noc19_bt31/preview
18	Industrial Biotechnology	12	4	EDX/orSwayam	https://www.edx.org/course/industrial-biotechnology-2 https://swayam.gov.in/nd1_noc19_bt20/preview
19	Tissue engineering	8	3	SWAYAM	https://swayam.gov.in/nd1_noc19-bt33/preview
20	Evolution today	6	2	Coursera	https://www.mooc-list.com/course/evolution-today-coursera