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 Hons for B.Sc. Medical Lab Technology
2nd & 3Rd Year

No.	Course Name	Duration (Weeks)	Credit	MOOCS Platform
1.	Coding a scuola con Software Libero	8	2	Swayam
2.	Transmedia Storytelling: Narrative worlds, emerging technologies, and global audiences	6	2	Coursera
3.	Data Science Methodology	3	1	Coursera
4.	Business Analytics & Data Mining Modelling Using R	12	3	Swayam
5.	A Life of Happiness and Fulfilment	6	2	Coursera
6.	Successful Career Development	7	2	Coursera
7.	IBM DATA SCIENCE	12	3	Coursera
8.	Data Analysis and Presentation Skills: the PwC Approach Specialization	12	3	Coursera
9.	Machine Learning with Python	12	3	Coursera
10.	Data Processing Using Python	12	3	Coursera
11.	Advanced Data Science with IBM Specialization	8	2	Coursera
12.	Data Science: Foundations using R Specialization	12	3	Coursera
13.	Python for Data Science and AI	8	2	Coursera
14.	Data Science: Statistics and Machine Learning Specialization	12	3	Coursera
15.	Python and Statistics for Financial Analysis	4	1	Coursera
16.	Applied Machine Learning in Python	12	3	Coursera
17.	Understanding Design	4	1	NPTEL
18.	Innovation by Design	4	1	NPTEL
19.	Design Technology and Innovation	4	1	NPTEL
20.	Python for Data Science	4	1	NPTEL
21.	Introduction to Machine Learning	12	3	NPTEL
22.	Machine Learning	8	2	NPTEL
23.	An Introduction to Artificial Intelligence	12	3	NPTEl
24.	Modern Application Development	12	3	NPTEL
25.	Artificial Intelligence: Knowledge Representations and Reasoning	12	3	NPTEL
26.	Design Technology and Innovation	8	2	NPTEL
27.	Understanding Design Thinking and People Centred Design	4	1	NPTEL
28.	Medical Image Analysis	4	1	NPTEL
29.	Medical Biomaterials	8	2	NPTEL
30.	Bio-Informatics: Algorithms and Applications	12	3	NPTEL
31.	Optical Spectroscopy and Microscopy: Fundamentals of optical measurements and Instrumentation	12	3	NPTEL
32.	Cell Culture Technologies	8	2	NPTEL
33.	Biostatistics and Design of Experiments	8	2	NPTEL
34.	Principles and Applications of NMR Spectroscopy	8	2	NPTEL