



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

Recommended MOOCs courses for attaining the Honours for Non-AICTE UG programmes.

(Coordinator, MOOCs, MAKAUT, WB)

**Note: MOOCs for the Credit Transfer and
MOOCs for attainment of the Honours are
two separate recommendations.**



Maulana Abul Kalam Azad University of Technology, West Bengal
 (Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21

Non AICTE MOOC for First Year
(For Affiliated Colleges)
ODD Semester 2020

Module	Course	Provider	Duration	Credits	Name of University / Institute	Status
Ethics	Ethics in Engineering Practice	NPTEL	8weeks	3	IIT Kharagpur	Active
	A Life of Happiness and Fulfilment	Coursera	6 weeks	2	Indian School of Business	Active
	Introduction to Philosophy	Coursera	5 weeks	1	University of Edinburgh	Active
	Ethical Leadership Through Giving Voice	Coursera	4 weeks	2	University of Virginia	Active
Soft Skills	Technical English for engineers	NPTEL	8 Weeks	3	IIT Madras	Active
	Body Language: Key to Professional Success	NPTEL	4 Weeks	1	IIT Ropar	Active
	Psychology at Work	Coursera	6 weeks	2	University of Western Australia	Active
	Communication in the 21 st Century Workplace	Coursera	4 weeks	1	University of California	Active
	Successful Career Development	Coursera	7 weeks	2	University System of Georgia	Active
	Working in Teams: A Practical Guide	edX	4 weeks	1	University of Queensland	Active
	Communication theory: bridging academia and practice	Coursera	9 weeks	3	Higher School of Economics	Active
	Write Professional Emails in English	Coursera	5 weeks	2	Georgia Institute of Technology	Active
	Technical Writing	Coursera	5 weeks	1	Moscow Institute of Physics and Technology	Active
	Interpersonal Communication for Engineering Leaders	Coursera	4 weeks	1	Rice University	Active

Maulana Abul Kalam Azad University of Technology, West Bengal
 (Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21

Programming Skills	Introduction to Programming with MATLAB	Coursera	9 weeks	3	Vanderbilt University	Active
	Programming In C++	NPTEL	8 weeks	3	IIT Kharagpur	Active
	Learn to Program: The Fundamentals	Coursera	7 weeks	2	University of Toronto	Active
	Introduction to computer Science	Edx	4-5 weeks	2	Microsoft	Active
	Introduction to Computer Science and Programming Using Python	Edx	Self Paced	4	MIT, USA	Active
	Statistics and R	edX	Self Paced	4	Harvard University	Active
	Introduction to Programming in C	Coursera	4 weeks	4	Duke University	Active
	Java Programming: Solving Problems with Software	Coursera	4 weeks	4	Duke University	Active
	Responsive Website Basics: Code with HTML, CSS, and JavaScript	Coursera	4 weeks	1	University of London Microsoft	Active
	Introduction to HTML5	Coursera	3 weeks	1	University of Michigan	Active
	HTML5 Coding Essentials and Best Practices	edX	6 weeks	2	W3C	Active
	Problem solving through Programming In C	NPTEL	12 Weeks	4	IIT Kharagpur	Active
	Joy of computing using Python	NPTEL	12 Weeks	4	IIT Ropar	Active

Maulana Abul Kalam Azad University of Technology, West Bengal
 (Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21

	Programming, Data Structures and Algorithm Using Python	NPTEL	8 Weeks	3	CMI	Active
	Foundation of Data Structures	edX	6 weeks	2	IIT Bombay	Active
	Learn to Program: The Fundamentals	Coursera	7 weeks	3	University of Toronto	Active
	Web Design for Everybody (Basics of Web Development and Coding) Specialization	Coursera	15weeks	4	University of Michigan	Active
	Programming Basics	edX	9 weeks	3	IIT Bombay	Active
Statistics	Inferential Statistics	Coursera	7 weeks	2	University of Amsterdam	Active
	Linear Regression and Modelling	Coursera	4 weeks	1	Duke University	Active
Environmental Studies	The Science of Well Being	Coursera	6 weeks	2	Yale University	Active
	Ecology: Ecosystem Dynamics and Conservation	Coursera	5 weeks	1	American Museum of Natural History, Howard Hughes Medical Institute	Active
	Effective Problem Solving and Decision Making	Coursera	4 weeks	1	University of California	Active
	Moralities of Everyday Life	Coursera	6 weeks	2	Yale University	Active
	Introduction to Logic	Coursera	10 weeks	3	Stanford University	Active
	The Science of Everyday Thinking	edX	12 weeks	4	University of Queensland	Active

Maulana Abul Kalam Azad University of Technology, West Bengal
 (Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21

	Digital Security and Human Rights	edx	3 weeks	1	Amnesty InternationalX	Active
	Ethics in Engineering Practices	NPTEL	8 weeks	4		Active
	Introduction to Philosophy: God, Knowledge, and Consciousness	edX	12 weeks	4	MIT	Active
	Development of Sociology in India	NPTEL	4 Weeks	1	IIT Kanpur	Archived
	Introduction to Logic	NPTEL	12 weeks	4	IIT Kanpur	Archived
	Introduction to Problem-solving and Programming	NPTEL	12 weeks	4	IIT Kanpur	Archived
	Speak English Professionally : In Person, Online & On the Phone	Course era	4 weeks	1	Georgia Tech	Active
	Java Fundamentals for Android Development	edX	6 weeks	2	GalileoX	Active
	Environmental Studies: A Global Perspective	edX	Self Paced	4	Curtin University	Active
	Science, Technology and Society	NPTEL	12 weeks	4		Active
	Critical Thinking & Problem Solving	edX	3 weeks	3	Rochester Institute of Technology	Active

Maulana Abul Kalam Azad University of Technology, West Bengal
 (Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21
BSc Information Technology (IT)

Basket of Courses	Duration	Credit	Offered by
AP Computer Science A: Java Programming Polymorphism and Advanced Data Structures	6 weeks	2	edX
Build your very first iOS app	8 weeks	3	edX
Gameplay Programming for Video Game Designers	5 weeks	2	edX
Introduction to Computer Science & Programming Specialization	8 weeks	3	Coursera
Introduction to scripting in Python	8 weeks	3	Coursera
Foundation of Data Structures	6 weeks	2	edX
Synthesis of Digital Systems	12 weeks	3	MIT online course
Bayesian Statistics: Techniques and Models	5 weeks	2	Coursera
Mathematical Modelling Basics	9 weeks	3	edX
Animation and CGI Motion	12 weeks	3	edX
Web Application Development	6 weeks	2	Coursera
Web Design for Everybody Specialization	12 weeks	3	Coursera
The Bits and Bytes of Computer Networking	4 weeks	1	Coursera
Introduction to Cisco Networking	4 weeks	1	Coursera
Introduction to Computing for Data Analysis with Python	6 weeks	2	edX
Introduction to data science in python	3 weeks	1	Coursera
What is Data Science?	3 weeks	1	Coursera
Introduction to Big Data	3 weeks	1	Cousera
The Data Science Tool Box	2 weeks	1	Cousera
Data Driven Decision Making	2weeks	1	Cousera
A Crash Course in Data Science	1weeks	1	Cousera
Digital Security and Human Rights	3 weeks	1	edX
Data Analysis and Interpretation	12 weeks	3	Cousera
Introduction to Design Thinking	5 weeks	2	edx
Introduction to Soft Computing	8 weeks	2	SWAYAM
Introduction to Data Modelling	4 weeks	1	edX
Java Fundamentals for Android Development	6 weeks	2	edX
Using Databases with Python	5 weeks	2	Coursera
Data Base Management System	8 weeks	2	NPTEL
Discrete Mathematics	12 Weeks	3	NPTEL
Programming, Data Structures and Algorithms using Python	8 weeks	2	NPTEL
Design and Analysis of Algorithms	8 weeks	2	NPTEL
Algorithm Specialization	16 weeks	4	Coursera
Divide and conquer ,Sorting, Searching and Randomized Algorithm	4weeks	1	Coursera
Cloud Computing	8 weeks	2	NPTEL
Cloud Computing	5 weeks	2	Coursera
Bitcoin and Cryptocurrency Technologies	11 weeks	3	Coursera
Ethical Hacking	8 weeks	2	Udemy

Maulana Abul Kalam Azad University of Technology, West Bengal
 (Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21

Cybersecurity and its 10 domains	7 weeks	2	Coursera
Introduction to Internet of Things	12Weeks	3	NPTEL
Introduction to the Internet of Things	6 weeks	2	edX
IoT Programming and Big Data	5 weeks	2	edX
Data Communications and Network Services	4 weeks	1	Coursera
UML Class Diagrams for Software Engineering	3 weeks	1	edX
Formal Software Verification	8 weeks	2	edX
Software testing	12 weeks	3	Coursera
Software Project Management	12 weeks	3	
Software Engineering	12 weeks	3	edx
Software Product Management Specialization	16 weeks	4	Coursera
Entrepreneurship in Emerging Economies	6 weeks	2	edX
Patent Drafting for Beginners	4 weeks	1	
Patent Law for Engineers and Scientists	12 weeks	3	
Introduction to Computational Thinking and Data Science	10 weeks	3	edX
Data Mining: Theories and Algorithms for Big Data	14 weeks	4	edX
Big Data Fundamentals	10 weeks	3	edX
Big Data Analytics	10 weeks	3	edX
Foundations of Data Science: Computational Thinking with Python	5 weeks	2	edX
How to win a Datascience Competition : Learn from Top Kagglers	5weeks	2	Coursera
Virtual Reality	4 weeks	1	Coursera
Principles of Machine Learning	6 weeks	2	edX
Machine Learning	12 weeks	4	Coursera
AI For Everyone	4 weeks	1	Coursera
Robotics: Aerial Robotics	6 weeks	2	Coursera
Deep learning in Computer Vision	5weeks	2	Coursera
Deep Learning – Part 1	12 weeks	3	Coursera
Artificial Intelligence Search Methods For Problem Solving	12 weeks	3	Coursera
Machine Learning for Engineering and Science Applications	12 weeks	3	
Computer Vision	12 weeks	3	Edx
Introduction to Machine Learning	12 weeks	3	Coursera
Introduction to Machine Learning	8 weeks	2	Coursera
Functional Programming in Scala	6 weeks	2	Coursera
Using python to access web data	6 weeks	2	Coursera
Python Data Structures	2weeks	1	Coursera
Object oriented analysis and design	8 weeks	2	coursera
Python 3 Programming Specialization	8 weeks	2	Cousera
Natural Language Processing	5 weeks	2	Coursera
Applied Natural Language Processing	12 weeks	3	Edx
Natural Language Processing	12 weeks	3	Edx
Embedded Systems	12 weeks	3	NPTEL
Introduction to Industry 4.0 and Industrial Internet of Things	12Weeks	3	NPTEL
A System View of Communications: From Signals to Packets (Part 2)	6 weeks	2	edX
Software Testing fundamentals	8	2	edX
Software Testing and Management	8	2	edX
Neural Network & Deep Learning	4	1	Coursera
Teamwork and Collaboration	3	1	edX

Maulana Abul Kalam Azad University of Technology, West Bengal
 (Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21

Demystifying Networking	4	1	
Cyber security and Privacy in the IoT	5	2	
IoT System Design: Software and Hardware Integration	4	1	edX
Blockchain and Fin Tech: Basics, Applications, and Limitations	6	2	edX
Block Chain Specialization	8	2	
A System View of Communications: From Signals to Packets (Part 3)	5	2	edX
Internet of Things	12	3	NPTEL
Computational Thinking for Modeling and Simulation	6	2	edX
Mathematics For Machine Learning: Multivariate Calculas	6	2	Coursera
Becoming an Entrepreneur	6	2	edX
Marketing Fundamentals	4	1	edX
IBM Data Science Professional Certificate	8	2	Cousera
Data Science with Python	10	3	edX
Artificial Intelligence	12	3	NPTEL
Foundations of Data Science: Prediction and Machine Learning	6	2	edX
Robotics: Vision Intelligence & Machine Learning	12	3	edX
Deep Learning Specialization	12	3	Cousera
Machine learning with Tensor Flow on Google Cloud Platform Specialization	4	1	Cousera
Applied Machine Learning with Python	3	1	
Convolution Neural Network	4	1	Cousera
Sequence Model	2	1	Cousera
Deep Learning	6	2	edX
Deep Learning	12	3	NPTEL
Reinforcement Learning	12	3	Edx
Neural Networks for Machine Learning	16	4	Coursera
Cloud Computing for Enterprises	8	2	edX
Cloud Computing Management	8	2	edX
Cloud Computing Infrastructure	8	2	edX
Data Engineering on Google Cloud Platform Specialization	4	1	Coursera
Security in Google Cloud Platform Specialization	4	1	Coursera
AWS Fundamental: Going Cloud Native	5	2	Coursera
Google cloud Platform Big data and Machine Learning Platform	2	1	Coursera
Remote Sensing	12	3	
Remote Sensing and Digital Image Processing of Satellite Data	8	2	NPTEL
Leadership for Engineers	6	2	edX
Computer Forensics	8	2	edX
Compliance in Office 365: Data Governance	4	1	edX
Human Computer Interactions	8	2	edx
Social Networks	12	3	NPTEL
Fuzzy Sets, Logic and System Application	12	3	NPTEL
Electronic Systems for Cancer Diagnostics	12	3	NPTEL
Data Analytics with Python	12	3	NPTEL
Optical Engineering	12	3	NPTEL
Machine Learning	8	2	NPTEL
Introduction to Machine Learning	12	3	NPTEL

Maulana Abul Kalam Azad University of Technology, West Bengal
 (Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21

An Introduction to Artificial Intelligence	12	3	NPTEL
Artificial Intelligence: Knowledge Representation and Reasoning	12	3	NPTEL
Deep Learning	12	3	NPTEL
Data Science for Engineers	8	2	NPTEL
Embedded Systems Design	12	3	NPTEL
Introduction to Internet of Things	12	3	NPTEL
Introduction to Industry 4.0 and Industrial Internet of Things	12	3	NPTEL
Introduction to Block Chain Technology and Applications	8	2	NPTEL
User-Centric Computing for Human-Computer Interaction	8	2	NPTEL
Reinforcement Learning	12	3	NPTEL
VLSI Physical Design	12	3	NPTEL
Randomized Algorithms	12	3	NPTEL
Embedded System Design with ARM	8	2	NPTEL

Maulana Abul Kalam Azad University of Technology, West Bengal
 (Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21

MOOCS for Hons for B.Sc. Behavioural Science and Applied Psychology
(Odd Sem 2nd & 3rd Year)

Course Name	Duration (Weeks)	Credit	MOOCS Platform	Availability Of courses(Active/Inactive)
Transmedia Storytelling: Narrative worlds, emerging technologies, and global audiences	6	2	Coursera	Active
Data Science Methodology	3	1	Coursera	Active
Business Analytics & Data Mining Modelling Using R	12	3	Swayam	Active
A Life of Happiness and Fulfilment	6	2	Coursera	Active
Successful Career Development	7	2	Coursera	Active
Fundamentals of Scalable Data Science(by IBM)	12	3	Coursera	Active
Data Analysis and Interpretation	12	3	Coursera	Active
Machine Learning for Accounting with Python	12	3	Coursera	Active
Data Processing Using Python	12	3	Coursera	Active
Introduction to Artificial Intelligence (by IBM)	8	2	Coursera	Active
Data Science: Foundations using R Specialization	12	3	Coursera	Active
Python for Data Science and AI	8	2	Coursera	Active
Data Science: Statistics and Machine Learning Specialization	12	3	Coursera	Active
Python and Statistics for Financial Analysis	4	1	Coursera	Active
Applied Machine Learning in Python	12	3	Coursera	Active
Understanding Design	4	1	SWAYAM	Active
Innovation by Design	4	1	SWAYAM	Active
Python for Data Science	4	1	SWAYAM	Active
Introduction to Machine Learning (IITM)	12	4	SWAYAM	Active
Artificial Intelligence (AI)	12	4	Edx	Active
Artificial Intelligence Search Methods For Problem Solving	12	4	SWAYAM	Active

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology) List of
MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21**

B.SC IN CYBER SECURITY

Course Name	Duration (Weeks)	Credit	Name of the Mooc websites	Status
Cyber Security	15	4	SWAYAM	Active
INTRODUCTION TO CYBER SECURITY	11	4	SWAYAM	Active
Cyber Security Economics	10		EDX	Active
Essentials of Cyber security	4		EDX	Active
Cyber security for Business Specialization	4		COURSERA	Active
Introduction to Cyber security Tools & Cyber Attacks	4		COURSERA	Active
Cyber security: Developing a Program for Your Business Specialization	4		COURSERA	Active
Data Science Methodology	3		COURSERA	Active
Pattern Recognition and Application	12	4	SWAYAM	In active
Introduction to the Internet of Things (IoT)	6		EDX	Active
Developing Soft Skills and Personality	8	3	SWAYAM	Active
Ethics in Engineering Practice	8 weeks	3	NPTEL	Active
Ethics and Law in Data and Analytics	Self Paced	edX	Microsoft	Active
A Life of Happiness and Fulfillment	6 weeks	2	Coursera	Active
Successful Career Development	7weeks	2	Coursera	Active
Working in Teams: A Practical Guide	4 weeks	1	edX	Active

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology) List of
MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21**

**MOOCs for B.Sc. in BIOTECHNOLOGY
Odd Sem 2020**

Course Name	Duration (Weeks)	Credit	Name of the Mooc websites	Availability of Course (Active/Inactive)
Introduction to Biostatistics	8	3	Swayam	Active
Principles Of Downstream Techniques In Bioprocess	12	4	Swayam	Active
Introduction to Machine Learning (IITM)	12	4	Swayam	Active
Patenting in Biotechnology	7		Coursera	Active
Drug Discovery	3		Coursera	Active
Genomics: Decoding the Universal Language of Life	6		COURSERA	Active
Economics and Policies in a Biobased Economy	4		EDX	Active
Medicine in the Digital Age	5		EDX	Active
Industrial Biotechnology	7		EDX	Active
Principles of Biomanufacturing: Using Biotechnology to Manufacture Medicines	6		EDX	Active
Ethics in Engineering Practice	8 weeks	3	NPTEL	Active
A Life of Happiness and Fulfillment	6 weeks	2	Coursera	Active
Successful Career Development	7 weeks	2	Coursera	Active
Working in Teams: A Practical Guide	4 weeks	1	edX	Active

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology) List of
MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21**

**B.SC IN Culinary Science
(Odd Sem 2020; 2nd & 3rd Year)**

Course Name	Duration (Weeks)	Credit	Name of the Moocs websites	Availability of Course (Active/Inactive)
Marketing Research and Analysis	8	3	NPTEL	active
Innovation, Business Models and Entrepreneurship	8	3	NPTEL	active
The Fundamentals of Hotel Distribution	4	1	Coursera	active
Business English Basics	4	1	Coursera	active
Excel Skills for Business Essentials	4	1	Coursera	active
Brief Introduction to Psychology	4	1	Coursera	active
Preparing to manage HR	4	1	Coursera	active
Fundamentals of Food Process Engineering	12	4	NPTEL	Active
Leadership	4	1	NPTEL	active
Relationship Management	4	1	Coursera	active
Food and Beverage Management	4	1	Coursera	active
The Science of Gastronomy	4	1	Coursera	active
Ethics in Engineering Practice	8	3	NPTEL	active
Ethics and Law in Data and Analytics	Self paced	4	Edex	active
A Life of Happiness and Fulfilment	6	2	Coursera	active
Successful Career Development	7	2	Coursera	active
Working in Teams: A Practical Guide	4	1	Edex	Active
Weight Management- Beyond Balancing Calories	4	1	Coursera	active

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology) List of
MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21**

**B.Sc. in VFX Film Making
(Odd Sem 2020; 2nd & 3rd Year)**

Course Name	Duration (Weeks)	Credit	Name of the Mooc websites	Availability of Course (Active/Inactive)
CS50's Introduction to Game Development	12		Edx	Active
CS50's Mobile App Development with React Native	13		Edx	Active
HTML5 Apps and Games	4		Edx	Active
Work with augmented reality (AR) and the web	8		Edx	Active
Build your very first iOS app	8		Edx	Active
Creating Virtual Reality (VR) Apps	6		Edx	Active
ANIMATIONS	15	4	Swayam	Active
Introduction to Game Development	4		Coursera	Active
Game Development for Modern Platform	4		Coursera	Active
Build Your First Android App	4		Coursera	Active
Developing Soft Skills and Personality	8	2	Swayam	Active
Business Analytics & Data Mining	4	2	SWAYAM	Active
Modeling Using R				
Business Analytics & Data Mining Modeling Using R	4	2	SWAYAM	Active

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology) List of
MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21**

Ethics in Engineering Practice	8 weeks	3	NPTEL	Active
Ethics and Law in Data and Analytics	Self Paced	edX	Microsoft	Active
A Life of Happiness and Fulfillment	6 weeks	2	Coursera	Active
Successful Career Development	2	7 weeks	Coursera	Active
Working in Teams: A Practical Guide	1	4 weeks	edX	Active

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology) List of
MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21**

**B.SC IN MULTIMEDIA, ANIMATION & GRAPHICS/B. Sc. In Animation &
Film Making
(Odd Sem 2020; 2nd & 3Rd Year)**

Course Name	Duration (Weeks)	Credit	Name of the Mooc websites	Availability of Course (Active/Inactive)
Coding a scuola con Software Libero	10		EDX	Active
Video Game Asset Creation and Process	5		EDX	Active
Integrated Digital Media	14		EDX	Active
Mobile Application Development using Android	6		EDX	Active
Animation and CGI Motion	12		EDX	Active
Transmedia Storytelling: Narrative worlds, emerging technologies, and global audiences	6		COURSERA	Active
Basics of Photography	12	4	SWAYAM	Active
Data Science Methodology	3		COURSERA	Active
Developing Soft Skills and Personality	8	3	SWAYAM	Active
Animation and CGI Motion	12		EDX	Active
Business Analytics & Data Mining Modeling Using R	4	2	SWAYAM	Active
Ethics in Engineering	8 weeks	3	NPTEL	Active
Practice				
Ethics and Law in Data and Analytics	Self Paced	edX	Microsoft	Active

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology) List of
MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21**

A Life of Happiness and Fulfillment	6 weeks	2	Coursera	Active
Successful Career Development	2	7 weeks	Coursera	Active
Working in Teams: A Practical Guide	1	4 weeks	edX	Active

Maulana Abul Kalam Azad University of Technology, West Bengal
 (Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21

B.SC. IN MEDIA SCIENCE/B. Sc. In Media Science & Film Making
(Odd Sem 2020; 2nd & 3Rd Year)

Course Name	Duration (Weeks)	Credit	Name of the Mooc websites	Availability of Course (Active/Inactive)
Media Content Production on Multiple Platforms	15	4	SWAYAM	active
Society and Media	15	4	SWAYAM	active
Text, Textuality and Digital Media	12	4	SWAYAM	In active
International Cyber Conflicts	5		COURSERA	Active
Theories of Media and Technology	14		EDX	Active
Data Science Methodology	3		COURSERA	Active
Developing Soft Skills and Personality	8	3	SWAYAM	Active
Business Analytics & Data Mining Modeling Using R	4	2	SWAYAM	Active
Ethics in Engineering Practice	8 weeks	3	NPTEL	Active
Ethics and Law in Data and Analytics	Self Paced	edX	Microsoft	Active
A Life of Happiness and Fulfillment	6 weeks	2	Coursera	Active
Successful Career Development	7 Weeks	2	Coursera	Active
Working in Teams: A Practical Guide	4 weeks	1	edX	Active

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21
B. Sc. (Gaming & Mobile Application Development)/B. Sc. In Gaming
(Odd Sem 2020; 2nd & 3rd Year)**

Course Name	Duration (Weeks)	Credit	Name of the Mooc websites	Availability of Course (Active/Inactive)
Coding a scuola con Software Libero	10		EDX	Active
Video Game Asset Creation and Process	5		EDX	Active
Integrated Digital Media	14		EDX	Active
Mobile Application Development using Android	6		EDX	Active
Animation and CGI Motion	12		EDX	Active
Transmedia Storytelling: Narrative worlds, emerging technologies, and global audiences	6		COURSERA	Active
Basics of Photography	12	4	SWAYAM	Active
Data Science Methodology	3		COURSERA	Active
Developing Soft Skills and Personality	8	3	SWAYAM	Active
Animation and CGI Motion	12		EDX	Active
Business Analytics & Data Mining Modeling Using R	4	2	SWAYAM	Active
Ethics in Engineering Practice	8 weeks	3	NPTEL	Active
Ethics and Law in Data and Analytics	Self Paced	edX	Microsoft	Active
A Life of Happiness and Fulfillment	6 weeks	2	C oursera	Active
Successful Career Development	2	7weeks	Coursera	Active
Working in Teams: A Practical Guide	1	4week s	edX	Active

Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21

MOOCS for (Hons) B. SC. IN NAUTICAL SCIENCE
2nd & 3rd Year

Course Name	Duration (Weeks)	Credit	MOOCS Platform	Active / Not Active
Ecosystem Services: a Method for Sustainable Development	5	2	COURSERA	Active

Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21

Drug Commercialization	4	1	COURSERA	Active
Plastic electronics	5	2	COURSERA	Active
Data Science Methodology	3	1	COURSERA	Active
Business Analytics and Data Mining Modeling Using R	1 2	3	Swayam (NPTEL-27.01.2020)	Active
Data Analytics with Python	1 2	3	NPTEL	Active
Introduction to Machine Learning	1 2	3	NPTEL	Active
Introduction to Artificial Intelligence	1 2	3	NPTEL	Active
Artificial Intelligence: Knowledge Representation & Reasoning	1 2	3	NPTEL	Active
The Joy of Computing Using Python	1 2	3	NPTEL	Active
Social Networks	1 2	3	NPTEL	Active
Introduction to Internet of Things	1 2	3	NPTEL	Active

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21**

**MOOCS for Hons for B.Sc. Fashion Design & Management/B. Sc. In
Sustainable & Fashion Design Management**

ODD SEM 2020, 2nd & 3Rd Year

Course Name	Duration (Weeks)	Credit	MOOCS Platform	Active / Non Active
Coding a scuola con Software Libero	8	2	Swayam	Active
Integrated Digital Media	5	2	EDX	Active
Animation and CGI Motion	12	3	EDX	Active
Basics Of Photography	12	3	Swayam	Active
Transmedia Storytelling: Narrative worlds, emerging technologies, and global audiences	6	2	Coursera	Active
Data Science Methodology	3	1	Coursera	Active
Business Analytics & Data Mining Modelling Using R	12	3	Swayam	Active
A Life of Happiness and Fulfilment	6	2	Coursera	Active
Successful Career Development	7	2	Coursera	Active
Fundamentals of Scalable Data Science(by IBM)	12	3	Coursera	Active
Data Analysis and Interpretation	12	3	Coursera	Active
Machine Learning for Accounting with Python	12	3	Coursera	Active
Data Processing Using Python	12	3	Coursera	Active
Introduction to Artificial Intelligence (by IBM)	8	2	Coursera	Active
Data Science: Foundations using R Specialization	12	3	Coursera	Active
Python for Data Science and AI	8	2	Coursera	Active
Data Science: Statistics and Machine Learning Specialization	12	3	Coursera	Active
Python and Statistics for Financial Analysis	4	1	Coursera	Active
Applied Machine Learning in Python	12	3	Coursera	Active
Design Technology and Innovation	4	1	NPTEL	Active
Python for Data Science	4	1	NPTEL	Active
Introduction to Machine Learning	12	3	NPTEL	
Machine Learning	8	2	NPTEL	
An Introduction to Artificial Intelligence	12	3	NPTEL	
Modern Application Development	12	3	NPTEL	

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21**

Artificial Intelligence: Knowledge Representations and Reasoning	12	3	NPTEL	Active
Understanding Design	4	1	NPTEL	Active
Innovation by Design	4	1	NPTEL	Active
Design Technology and Innovation	8	2	NPTEL	Active
Introduction to biomedical Imaging	12	4	Edex	Active
Electronic Literature	4	1	Edex	Active
Introduction to Predictive Analytics using Python	6	3	Edex	Active
Human Behaviour	4	1	NPTEL	Active

**MOOCs for B.SC. IN GENETICS (Odd Sem)
(Odd Sem 2020 2nd & 3Rd Year)**

Course Name	Duration (Weeks)	Credit	Name of the Moocs websites	Status
Introduction to Molecular spectroscopy	4	2	Coursera	Active
DNA: biology's Genetic Code	6	3	Edx	Active
Fundamentals of Immunology: Innate Immunity and B-Cell Function	6	3	coursera	Active
Biostatistics in Public health	4	3	Coursera	Active
Introduction to Forensic Science	8	3	Coursera	Active
Data Science Methodology	3	1	Coursera	Active
Developing Soft Skills and Personality	8	3	Edx	Active
Bioinformatics	4	2	Coursera	Active
Ethics, Technology and Engineering	8	3	Coursera	Active
Ethics and Law in Data and Analytics	6	3	Edx	Active
A Life of Happiness and Fulfilment	6	3	Coursera	Active
Successful Career Development	7	3	Coursera	Active

Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21

Working in Teams: A Practical Guide	4	2	edx	Active
Classical papers in molecular genetics	6	2	Coursera	Active
Evolution today	6	2	Coursera	Active
Fundamentals of Scalable Data Science(by IBM)	12	4	Coursera	Active
Data Analysis and Interpretation	12	4	Coursera	Active
Machine Learning with Python	12	4	Coursera	Active
Data Processing Using Python	12	4	Coursera	Active
Advanced Data	8	3	Coursera	Active
Science with IBM Specialization				
Data Science: Foundations using R Specialization	12	4	Coursera	Active
Python for Data Science and AI	8	3	Coursera	Active
Data Science: Statistics and Machine Learning Specialization	12	4	Coursera	Active
Python and Statistics for Financial Analysis	4	1	Coursera	Active
Applied Machine Learning in Python	12	4	Coursera	Active
Machine Learning, ML	12	4	Coursera	Active

MOOCs for B.Sc. in MOLECULAR BIOLOGY
(Odd Sem 2020 2nd & 3rd Year)

Course Name	Duration (Weeks)	Credit	Name of the Mooc websites	Status
Industrial Biotechnology	6	3	Coursera	Active
Introduction to Molecular spectroscopy	4	2	Coursera	Active
DNA Decoded	4	2	COURSERA	
Drug Development	3	1	COURSERA	Active
RNA Processing and Translation	8	3	Edx	Active
Biology – The Secret of Life	15	4	Edx	Active
Fundamental of Artificial intelligence	12	4	SWAYAM	Active
Introduction to the Biology of Cancer	6	3	Coursera	Active

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21**

Fundamental Neuroscienc e for Neuroimaging	4	2	Coursera	Active
Bioinformatic Methods I	8	3	Coursera	Active
Epigenetic Control of Gene Expression	7	3	Coursera	Active
Big Data Science with the BD2KLINC S Data Coordination and Integration Center				
Network Analysis in Systems Biology	10	4	Coursera	Active
Biology Meets Programmin g: Bioinformat ics for Beginners	4	2	Coursera	Active
Ethics, Technology and Engineering	8	3	Coursera	Active
Ethics and Law in Data and Analytics	6	3	Edx	Active
A Life of Happiness and Fulfillment	6	3	Coursera	Active
Successful Career Development	7	3	Coursera	Active
Working in Teams: A Practical Guide	4	2	edx	Active
Fundamentals of Scalable Data Science(by IBM)	12	4	Coursera	Active
Data Analysis and Interpretation	12	4	Coursera	Active
Machine Learning with Python	12	4	Coursera	Active
Data Processing Using Python	12	4	Coursera	Active
Introduction to Artificial Intelligence (by IBM)	8	3	Coursera	Active
Data Science: Foundations using R Specialization	12	4	Coursera	Active
Python for Data Science and AI	8	3	Coursera	Active
Data Science: Statistics and Machine Learning Specialization	12	4	Coursera	Active
Python and Statistics for Financial Analysis	4	2	Coursera	Active
Applied Machine Learning in Python	12	4	Coursera	Active
Machine Learning, ML	12	4	COURSERA	Active

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21**

MOOCs for Bachelor in Optometry (Odd Sem)

Course Name	Duration (Weeks)	Credit	Name of the Mooc websites	Status
Communication in the 21st Century Workplace	4	2	Coursera	Active
Empathy and Emotional Intelligence at Work	4	2	Edx	Active
SOFT SKILLS	20	4	Edx	Active
Environmental Studies: A Global Perspective	6	3	Edx	Active
Learn English specialization	16	4	Coursera	Active
SCIENCE OF EVERYDAY THINKING	12	4	Edx	Active
Ethics in action	10	4	Edx	Active
Write professional emails in english	5	3	Coursera	Active
Developing Soft Skills and Personality	8	4	Edx	Active
Anatomy: human neuroanatomy	8	4	Edx	Active
general pathophysiology	6	3	Coursera	Active
visual perception and the brain	5	3	Coursera	Active
Ethics, Technology and Engineering	8	3	Coursera	Active
Ethics and Law in Data and Analytics	6	3	Edx	Active
Life of Happiness and Fulfillment	6	3	Coursera	Active
Successful Career Development	7	3	Coursera	Active
Working in Teams: A Practical Guide	4	2	Edx	Active
Fundamentals of Scalable Data Science(by IBM)	12	4	Coursera	Active

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21**

Data Analysis and Interpretation	12	4	Coursera	Active
Machine Learning for Accounting with Python	12	4	Coursera	Active
Data Processing Using Python	12	4	Coursera	Active
Introduction to Artificial Intelligence (by IBM)	8	4	Coursera	Active
Data Science: Foundations using R Specialization	12	4	Coursera	Active
Python for Data Science and AI	8	4	Coursera	Active
Data Science: Statistics and Machine Learning Specialization	12	4	Courera	Active
Python and Statistics for Financial Analysis	4	2	Coursera	Active
Machine Learning, ML	12	4	COURSERA	Active

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21
Moocs for Bachelor of Computer Application (BCA) Programme**

Course Name	Status	Offered by	Credit Point
Introduction to Python: Absolute Beginner	Active	Microsoft	1
Introduction to Python: Fundamentals	Active	Microsoft	1
Introduction to Python for Data Science	Active	Microsoft	2
Introduction to Artificial Intelligence (AI)	Active	Microsoft	1
Knowledge Management and Big Data in Business	Active	HKPolyUx (Hong Kong Polytechnic University)	2
Machine Learning for Data Science and Analytics	Active	ColumbiaX (Columbia University)	1
Data Science: R Basics	Active	HarvardX (Harvard University)	1
Supply Chain Management: A Decision-Making Framework	Active	LouvainX (Université catholique de Louvain (UCL))	1
Customer Relationship Management	Active	IIMBx (Indian Institute of Management Bangalore)	1

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21**

Online Marketing Strategies	Active	CurtinX (Curtin University)	3
E-Commerce	Active	eMarketing Institute	1
Email Marketing	Active	eMarketing Institute	1
Beginner PHP and MySQL Tutorial	Active	https://www.u de my.com	2
Learn E- Commerce Website in PHP & MySQL From Scratch!	Active	https://www.u de my.com	2
IT Fundamentals for Business Professionals: Software development	Active	La Universidad Politécnica de Valencia	1
Software Engineering Essentials	Active	Technische Universität München	4
Introduction to the Internet of Things (IoT)	Active	Curtin University	2
Cyber Security Basics: A Hands- on Approach	Active	Universidad Carlos III de Madrid	4
Algorithms and Data Structures	Active	Microsoft	2
Introduction to Python: Absolute Beginner	Active	Microsoft	2
English Composition	Active	Arizona State University	5
Conversational English Skills	Active	Tsinghua University	3
Developing Soft Skills and Personality	Active	Swayam	3

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21**

Soft Skills	Active	EDX	4
Learn to Program: The Fundamentals	Active	University of Toronto	3
Ethics	Active	EDX	4
Learn to Program: The Fundamentals	Active	EDX	3
Natural Language Processing (NLP)	Active	Microsoft	4
Object Oriented Programming in Java	Active	Microsoft	3
Programming in R for Data Science	Active	Microsoft	3
Programming with Python for Data Science	Active	Microsoft	5
Introduction to C#	Active	Microsoft	1
Introduction to C++	Active	Microsoft	1
Introduction to Artificial Intelligence (AI)	Active	Microsoft	1
Introduction to Java	Active	Universidad Carlos III de	3
Programming: Fundamental Data Structures and Algorithms		Madrid	
Software Engineering: Introduction	Active	University of British Columbia	5
HTML5 and CSS Fundamentals	Active	World Wide Web Consortium (W3C)	3

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21**

Program a Server- Side Application using ASP.NET Core	Active	Microsoft	2
Introduction to Cloud Infrastructure Technologies	Active	Linux Foundation	3
Introduction to Internet of Things	Active	edX	4
C Programming and Assembly language	Active	SWAYAM	4
Cloud Computing Concepts, Part 1	Active	University of Illinois at Urbana-Champaign	2
Object Oriented Programming in Java	Active	University of California San Diego	3
Computer Architecture	Active	IIT Madras	4
Soft Skills	Active	IIT Roorkee	4
Fundamentals of Scalable Data Science(by IBM)	Active	Coursera	4
Data Analysis and Interpretation	Active	Coursera	4
Machine Learning for Accounting with Python	Active	Coursera	4
Data Processing Using Python	Active	Coursera	4
Introduction to Artificial Intelligence (by IBM)	Active	Coursera	4
Data Science: Foundations using R Specialization	Active	Coursera	4
Python and Statistics for Financial Analysis	Active	Coursera	3
Machine Learning	Active	Coursera	4

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21**

B.SC. IN INTERIOR DESIGNING

Course Name	Duration (Weeks)	Credit	Name of the Mooc websites	Status
Fundamentals of 3D Architectural Visualization	8	3	Edx	Active
Design and Make Infographics	4	2	Coursera	Active
Computer Vision Basics	4	2	Coursera	Active
Design and Interpretation of Clinical Trials	6	3	Coursera	Active
Data Visualization and Communication with Tableau	5	3	Coursera	Active
Data Science Methodology	3	1	Coursera	Active
Developing Soft Skills and Personality	8	3	EDX	Active
Data mining: theories and algo for tackling big data	13	6	Edx	Active
Ethics, Technology and Engineering	8	3	Coursera	Active
Ethics and Law in Data and Analytics	6	3	Edx	Active
A Life of Happiness and Fulfillment	6	3	Coursera	Active
Successful Career Development	7	3	Coursera	Active
Working in Teams: A Practical Guide	4	2	Edx	Active
Fundamentals of Scalable Data Science(by IBM)	12	4	Coursera	Active

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21**

Data Analysis and Interpretation	12	4	Coursera	Active
Machine Learning with Python	12	4	Coursera	Active
Data Processing Using Python	12	4	Coursera	Active
Introduction to Artificial Intelligence (by IBM)	8	3	Coursera	Active
Data Science: Foundations using R Specialization	12	4	Coursera	Active
Python for Data Science and AI	8	3	Coursera	Active
Data Science: Statistics and Machine Learning Specialization	12	4	Coursera	Active
Python and Statistics for Financial Analysis	4	2	Coursera	Active
Applied Machine Learning in Python	12	4	Coursera	Active
Machine Learning, ML	12	4	COURSERA	Active

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21
MOOCs for BBA in REAL ESTATE MANAGEMENT**

Course Name	Duration(Weeks)	Credit	Name of the Mooc websites	Link
Basics of Digital Marketing	12	4	SWAYAM	https://onlinecourses.swayam2.ac.in/cec20_mg15/preview
Conceptual Framework of Accounting	12	4	EDX	https://www.edx.org/course/usmx-financial-accounting-for-corporations
Increasing Real Estate Management Profits: Harnessing Data Analytics	7		COURSERA	https://www.coursera.org/learn/analytics-capstone
Glass In Buildings : Design And Applications	12	4	Swayam	https://swayam.gov.in/nid1_noc19_ce42/preview
The Role of Impact Assessments in Real Estate Development	4		EDX	https://www.edx.org/course/socially-responsible-real-estate-development?source=aw&awc=6798_1521822928_9bbbe5aa5840cb5b79ea_b8e4c8610b6b
Socially Responsible Real Estate Development	4		EDX	https://www.edx.org/course/socially-responsible-real-estate-development?source=aw&awc=6798_1521822928_9bbbe5aa5840cb5b79ea_b8e4c8610b6b
Wastewater Treatment and Recycling	10	4	EDX	https://www.edx.org/course/water-and-wastewater-treatment-engineering-biochem
Scheduling Techniques in Projects	4	2	Coursera	https://www.coursera.org/lecture/project-management-basics/3-1-planning-and-scheduling-DcZIK
Air Pollution – a Global Threat to	3		Coursera	https://www.coursera.org/learn/air-pollution-health-threat
our Health				

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21**

Data Science Ethics	4		Edx	https://www.edx.org/course/data-science-ethics-0
Socially Responsible Real Estate Development	4		EDX	https://www.edx.org/course/socially-responsible-real-estate-development?source=aw&awc=6798_1521822928_9bbbe5aa5840cb5b79ea_b8e4c8610b6b
Application of AI, InsurTech, and Real Estate Technology	4		COURSERA	https://www.coursera.org/learn/wharton-ai-application-insurtech-real-estate-technology
Increasing Real Estate Management Profits: Harnessing Data Analytics	7		COURSERA	https://www.coursera.org/learn/analytics-capstone
Construction Management Specialization	4		COURSERA	https://www.coursera.org/specializations/construction-management
Investment Management Specialization	5		COURSERA	https://www.coursera.org/specializations/investment-management
Financing and Investing in Infrastructure	7		COURSERA	https://www.coursera.org/learn/infrastructure-investing
Investment and Portfolio Management Specialization	5		COURSERA	https://www.coursera.org/specializations/investment-portfolio-management
Business Analytics & Data Mining Modeling Using R	4	2	SWAYAM	https://swayam.gov.in/nod1_noc19_mg46/preview
Advanced R Programming	4		Coursera	https://www.coursera.org/learn/advanced-r?action=enroll&adgroupid=71792235071&adposition=1t1&campaignid=17

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21**

				76545273&creativeid=343305879502&device=c&devicemodel=&gclid=Cj0KCQjwsvrpBRCsARIsAKBR0KVq38spqrZNbibyQXo3Oe0e46ty5f_MK24amHW7b8jH5Zxgg-ISOEaArx7EALw_wcB&hide_mobile_promo=&keyword=coursera+online+courses&matchtype=b&network=g&utm_content=94-BrandedSearch-IN&utm_medium=sem&utm_source=gg
R Programming Environment	4		Coursera	https://www.coursera.org/learn/r-programming-environment
Introduction to R for Data Science	4		Coursera	https://www.coursera.org/learn/r-programming
Analysing Big Data with Microsoft R	4		Coursera	https://www.coursera.org/learn/r-programming
Introduction To R for Data Science	4		Coursera	https://www.coursera.org/learn/r-programming
Ethics in Engineering Practice	8 weeks	3	NPTEL	IIT Kharagpur
Ethics and Law in Data and Analytics	Self Paced	4	edX	Microsoft
A Life of Happiness and Fulfillment	6 weeks	2	Coursera	Indian School of Business
Successful Career Development	2	7 weeks	Coursera	University System of Georgia
Working in Teams: A Practical Guide	1	4 weeks	edX	University of Queensland

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21
MOOCs for BBA (ENTREPRENEURSHIP)**

ONLINE COURSE	WEEK	CREDIT	PLATFORM	LINK
Entrepreneurship in Emerging Economies	6		EDX	https://www.edx.org/course/entrepreneurship-in-emerging-economies
Corporate Innovation	10		EDX	https://www.edx.org/micromasters/uqx-corporate-innovation
Applied Entrepreneurship 1: Design Thinking for Business Acceleration	6		COURSERA	https://www.coursera.org/learn/design-thinking-entrepreneurship
English for Business and Entrepreneurship	6		COURSERA	https://www.coursera.org/learn/business
Renewable Energy and Green Building Entrepreneurship	3		COURSERA	https://www.coursera.org/learn/renewable-energy-entrepreneurship
Innovation, Business Models and Entrepreneurship	6	3	COURSERA	https://www.coursera.org/learn/design-thinking-entrepreneurship
Entrepreneurship	24	4	COURSERA	https://www.coursera.org/specializations/wharton-entrepreneurship
Statistics with Python Specialization	3		COURSERA	https://www.coursera.org/specializations/statistics-with-python
Artificial Intelligence	12	4	EDX	https://www.edx.org/course/artificial-intelligence-ai
Introduction to Machine Learning	12	4	EDX	https://www.edx.org/course/machine-learning
Python for Data Science	4	2	COURSERA	https://www.coursera.org/learn/python-for-applied-data-science-ai
Entrepreneurship Strategy: From Ideation to Exit	4		COURSERA	https://www.coursera.org/learn/entrepreneurship-strategy
From Creativity to Entrepreneurship Specialization	7		COURSERA	https://www.coursera.org/learn/innovation-creativity-entrepreneurship-capstone
Design thinking for business strategy and entrepreneurship	5		COURSERA	https://www.coursera.org/learn/design-strategy

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21**

Business Analytics & Data Mining Modeling Using R	4	2	COURSERA	https://www.coursera.org/learn/business-analytics-r
Advanced R Programming	4		Coursera	https://www.coursera.org/learn/advanced-r
R Programming Environment	4		Coursera	https://www.coursera.org/learn/r-programming-environment
Introduction to R for Data Science	4		Coursera	https://www.coursera.org/learn/r-programming
Analysing Big Data with Microsoft R	4		Coursera	https://www.coursera.org/specializations/big-data
Introduction To R for Data Science	4		Edex	https://www.edx.org/course/introduction-to-r-for-data-science-3
Ethics in Engineering Practice	8 weeks	3	NPTEL	IIT Kharagpur
Ethics and Law in Data and Analytics	Self Paced	4	edX	Microsoft
A Life of Happiness and Fulfillment	6 weeks	2	Coursera	Indian School of Business
Successful Career Development	2	7 weeks	Coursera	University System of Georgia
Working in Teams: A Practical Guide	1	4 weeks	edX	University of Queensland

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21**

MOOCs for B.Sc. in 3D ANIMATION FILM MAKING

ONLINE COURSE	WEEK	CREDIT	PLATFORM	LINK
Machine Learning	11		COURSERA	https://www.coursera.org/learn/machine-learning
The Science of Well-Being	10		COURSERA	https://www.coursera.org/learn/the-science-of-well-being
Design Thinking Fundamentals	6		EDX	https://www.edx.org/course/design-thinking-fundamentals
Human-Computer Interaction	6		EDX	https://www.edx.org/course/human-computer-interaction-i-fundamentals-design-p
Artificial Intelligence Search Methods For Problem Solving	12	4	EDX	https://www.edx.org/course/artificial-intelligence-ai
Python for Data Science	4	2	COURSERA	https://www.coursera.org/learn/python-for-applied-data-science-ai
Introduction to the Internet of Things (IoT)	6		EDX	https://www.edx.org/course/introduction-to-the-internet-of-things-iot
Statistics with Python Specialization	3		COURSERA	https://www.coursera.org/specializations/statistics-with-python
Business Analytics & Data Mining Modeling Using R	4	2	COURSERA	https://www.coursera.org/learn/business-analytics-r
Ethics in Engineering Practice	8 weeks	3	NPTEL	IIT Kharagpur
Ethics and Law in Data and Analytics	Self Paced	4	edX	Microsoft
A Life of Happiness and Fulfillment	6 weeks	2	Coursera	Indian School of Business
Successful Career Development	2	7 weeks	Coursera	University System of Georgia
Working in Teams: A Practical Guide	1	4 weeks	edX	University of Queensland

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21**

MOOCs for B.Sc. in FILM & TELEVISION

Course Name	Duration (Weeks)	Credit	Name of the Mooc websites	Link
Music Business Foundations	4		Coursera	https://www.coursera.org/learn/music-business-foundations
Cultural and creative industries	8		Coursera	https://www.coursera.org/learn/cultural-creative-industries
Transmedia Storytelling: Narrative worlds, emerging technologies, and global audiences	6		Coursera	https://www.coursera.org/learn/transmedia-storytelling
Star Trek: Inspiring Culture and Technology	7		Edx	https://www.edx.org/course/star-trek-inspiring-culture-and-technology
Artificial Intelligence Search Methods For Problem Solving	12	4	EDX	https://www.edx.org/course/artificial-intelligence-ai
Introduction to Machine Learning (IITM)	11	4	COURSERA	https://www.coursera.org/learn/machine-learning
Python for Data Science	4	2	COURSERA	https://www.coursera.org/learn/python-for-applied-data-science-ai
Silicon Thin Film Solar Cells	3		COURSERA	https://www.coursera.org/learn/silicon-thin-film-solar-cells
Modern Art & Ideas	4		COURSERA	https://www.coursera.org/learn/modern-art-ideas

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21**

Scandinavian Film and Television	5		COURSERA	https://www.coursera.org/learn/scandinavian-movies-tv
Film, Images & Historical Interpretation in the 20th Century	6		COURSERA	https://www.coursera.org/learn/film-images
Seeing Through Photographs	6		COURSERA	https://www.coursera.org/learn/photography
Business Analytics & Data Mining Modeling Using R	4	2	COURSERA	https://www.coursera.org/learn/business-analytics-r
Ethics in Engineering Practice	8 weeks	3	NPTEL	IIT Kharagpur
Ethics and Law in Data and Analytics	Self Paced	4	edX	Microsoft
A Life of Happiness and Fulfillment	6 weeks	2	Coursera	Indian School of Business
Successful Career Development	2	7 weeks	Coursera	University System of Georgia
Working in Teams: A Practical Guide	1	4 weeks	edX	University of Queensland

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21
MOOCs for BBA Global Business**

Course Name	Duration (Weeks)	Credit	Name of the Mooc websites	Link
Global Challenges in Business	4		Coursera	https://www.coursera.org/specializations/global-challenges-business
The Sustainable Development Goals – A global, transdisciplinary vision for the future	8		Coursera	https://www.coursera.org/learn/global-sustainable-development
Accounting, Business and Society: The Multi-faceted Role of Accounting	6		Coursera	https://www.coursera.org/learn/accounting-business-society
Global Impact: Business Ethics	7		Coursera	https://www.coursera.org/learn/business-ethics
Managing the Organization: From Organizational Design to Execution	4		Coursera	https://www.coursera.org/learn/managing-organization
Ethics and Law in Data and Analytics	4		Coursera	https://www.coursera.org/learn/ethics-law-in-data-analytics
Seeing Through Photographs	6		COURSERA	https://www.coursera.org/learn/photography
Business Analytics & Data Mining Modeling Using R	4	2	COURSERA	https://www.coursera.org/learn/business-analytics-r
Ethics in Engineering Practice	8 weeks	3	NPTEL	IIT Kharagpur

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21**

Ethics and Law in Data and Analytics	Self Paced	4	edX	Microsoft
A Life of Happiness and Fulfillment	6 weeks	2	Coursera	Indian School of Business
Successful Career Development	2	7 weeks	Coursera	University System of Georgia
Working in Teams: A Practical Guide	1	4 weeks	edX	University of Queensland

MOOCs for Supply Chain Management

Course Name	Duration (Weeks)	Credit	Name of the Mooc websites	Link
Supply Chain Sourcing	4		Coursera	https://www.coursera.org/learn/sourcing
Brand and Product management	8		Coursera	https://www.coursera.org/learn/brand-management
Accounting, Business and Society: The Multi-faceted Role of Accounting	6		Coursera	https://www.coursera.org/learn/accounting-business-society
Global Impact: Business Ethics	7		Coursera	https://www.coursera.org/learn/business-ethics
The Sustainable Development Goals – A global, transdisciplinary vision for the future	4		Coursera	https://www.coursera.org/learn/sustainable-development-goals

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21**

Ethics and Law in Data and Analytics	4		Coursera	http://www.coursera.org/ethics
Global Challenges in Business	6		COURSERA	https://www.coursera.org/specializations/global-challenges-business
Operation Management	4	2	COURSERA	https://www.coursera.org/learn/wharton-operations
The Digital Economy: Effective Supply Chain Management	4		COURSERA	http://www.coursera.org/courses/courses/supply-chain-management
Ethics in Engineering Practice	8 weeks	3	NPTEL	IIT Kharagpur
Ethics and Law in Data and Analytics	Self Paced	4	edX	Microsoft
A Life of Happiness and Fulfillment	6 weeks	2	Coursera	Indian School of Business
Successful Career Development	2	7 weeks	Coursera	University System of Georgia
Working in Teams: A Practical Guide	1	4 weeks	edX	University of Queensland

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21
B.SC IT (DATA SCIENCE)**

Course Name	Duration (Weeks)	Credit	Name of the Mooc websites	Availability of courses (Active/Inactive)
Scalable Data Science	8	3	SWAYAM	Active
Python for Data Science	4	2	SWAYAM	Active
Data science: probability	8	3	EDX	Active
Data Science Ethics	4	2	EDX	Active
Data Science: Productivity Tools	8	3	EDX	Active
Data Science Research Methods: Python Edition	6	2	EDX	Active
SQL for Data Science	4	2	COURSERA	Active
Open Source tools for Data Science	3	2	COURSERA	Active
Data Science Methodology	3	1	COURSERA	Active
Introduction to computer vision with Watson and opencv	4	2	Coursera	Active
Introduction to the Internet of Things (IoT)	6	2	EDX	Active
Introduction to Machine Learning	12	4	SWAYAM	Active

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21**

(IITM)				
Python for Data Science	4	2	SWAYAM	Active
Developing Soft Skills and Personality	8	3	SWAYAM	Active
Ethics in Engineering Practice	8	3	SWAYAM	Active
A Life of Happiness and Fulfillment	6	2	Coursera	Active
Successful Career Development	7	2	Coursera	Active
Working in Teams: A Practical Guide	4	2	edX	Active

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21
MOOCs for BBA IN BUSINESS ANALYTICS**

Course name	Duration (weeks)	Credit	Name of MOOC website	link
Business Analytics & Data Mining Modeling Using R Part II	4		swayam	https://onlinecourses.nptel.ac.in/noc20_mg47/preview
Business Ethics	8		swayam	https://onlinecourses.swayam2.ac.in/cec20_mg32/preview
Introduction to Business Analytics: Communicating with Data	4		coursera	https://www.coursera.org/learn/intro-business-analytics
Communicating Business Analytics Results	4		Coursera	https://www.coursera.org/learn/communicating-business-analytics-results
Marketing Analytics: Price and Promotion Analytics	4		edX	https://www.edx.org/course/marketing-analytics-price-and-promotion-analytics
Supply Chain Analytics	15		edX	https://www.edx.org/course/supply-chain-analytics
Business Analytics for Decision Making	4		Coursera	https://www.coursera.org/learn/business-analytics-decision-making
Business Analytics and Digital Media	4		coursera	https://www.coursera.org/learn/business-analytics
Customer Analytics	5		coursera	https://www.coursera.org/learn/wharton-customer-analytics
Foundations of Marketing Analytics Specialization	6		coursera	https://www.coursera.org/specializations/marketing-analytics?="
Accounting Analytics	4		coursera	https://www.coursera.org/learn/accounting-analytics
Advanced R Programming	4		coursera	https://www.coursera.org/learn/advanced-r

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21**

The R Programming Environment	4		coursera	https://www.coursera.org/learn/r-programming-environment
Ethics in Engineering Practice	8		swayam	https://onlinecourses.nptel.ac.in/noc20_mg44/preview
Data Science Ethics	4		edX	https://www.edx.org/course/data-science-ethics
A Life of Happiness and Fulfillment	6		coursera	https://www.coursera.org/learn/happiness
Successful Career Development	7		coursera	https://www.coursera.org/learn/career-advancement
Working in Teams: A Practical Guide	4		edX	https://www.edx.org/course/working-in-teams-a-practical-guide

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21
MOOCs for BBA Sports Management (BSM)**

Course name	Duration (weeks)	Credit	Name of MOOC website	link
Communication in the 21st Century Workplace	4		coursera	https://www.coursera.org/learn/communication-in-the-workplace
Marketing Management-I	8		swayam	https://onlinecourses.nptel.ac.in/noc20_mg68/preview
Financial Accounting	12		swayam	https://onlinecourses.swayam2.ac.in/cec20_mg16/preview
Customer Relationship Management	6		swayam	https://onlinecourses.swayam2.ac.in/imb20_mg35/preview
Human Resource Management: HR for People Managers Specialization	5		coursera	https://www.coursera.org/specializations/human-resource-management
Brand Management: Aligning Business, Brand and Behaviour	5		coursera	https://www.coursera.org/learn/brand
Nutrition, Exercise and Sports	6		edX	https://www.edx.org/course/nutrition-exercise-and-sports
Ethics in Engineering Practice	8		swayam	https://onlinecourses.nptel.ac.in/noc20_mg44/preview
Data Science Ethics	4		edX	https://www.edx.org/course/data-science-ethics
A Life of Happiness and Fulfillment	6		coursera	https://www.coursera.org/learn/happiness

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21**

Successful Career Development	7		coursera	https://www.coursera.org/learn/career-advancement
Working in Teams: A Practical Guide	4		edX	https://www.edx.org/course/working-in-teams-a-practical-guide

MOOCs for B.M.S (Pharmaceutical Management)

Course name	Duration (weeks)	Credit	Name of MOOC website	link
Industrial Pharmacy-I	12		Swayam	https://onlinecourses.swayam2.ac.in/cec20_1b05/preview
Pharmaceutical and Medical Device Innovations	4		coursera	https://www.coursera.org/learn/pharma-medical-device-innovations
Introduction to Molecular Spectroscopy	4		coursera	https://www.coursera.org/learn/spectroscopy
Drug Commercialization	4		coursera	https://www.coursera.org/learn/drug-commercialization
Principles of Biomanufacturing : Using Biotechnology to Manufacture Medicines	6		edX	https://www.edx.org/course/principles-of-biomanufacturing-using-biotechnology
Data Analytics and Visualization in Health Care	8		edX	https://www.edx.org/course/data-analytics-and-visualization-in-health-care
Developing Soft Skills and Personality	8		swayam	https://onlinecourses.nptel.ac.in/noc20_hs43/preview
Ethics in Engineering Practice	8		swayam	https://onlinecourses.nptel.ac.in/noc20_mg44/preview

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21**

Data Science Ethics	4		edX	https://www.edx.org/course/data-science-ethics
A Life of Happiness and Fulfillment	6		coursera	https://www.coursera.org/learn/happiness
Successful Career Development	7		coursera	https://www.coursera.org/learn/career-advancement
Working in Teams: A Practical Guide	4		edX	https://www.edx.org/course/working-in-teams-a-practical-guide
Drug Commercialization	4		coursera	https://www.coursera.org/learn/drug-commercialization

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21
BBA (HOSPITAL MANAGEMENT)**

Course name	Duration (weeks)	Credit	Name of MOOC website	link
Effective Communication: Writing, Design, and Presentation Specialization	20		coursera	https://www.coursera.org/specializations/effective-business-communication
Organizational Behavior: How to Manage People	4		coursera	https://www.coursera.org/learn/managing-people-iese
Disaster Preparedness	7		coursera	https://www.coursera.org/learn/disaster-preparedness
Data Science Methodology	3		coursera	https://www.coursera.org/learn/data-science-methodology
Developing Soft Skills and Personality	8		swayam	https://onlinecourses.nptel.ac.in/noc20_hs43/preview
Business Analytics & Data Mining Modeling Using R Part II	4		swayam	https://onlinecourses.nptel.ac.in/noc20_mg47/preview
Advanced R Programming	4		coursera	https://www.coursera.org/learn/advanced-r
The R Programming Environment	4		coursera	https://www.coursera.org/learn/r-programming-environment
Data Science Ethics	4		edX	https://www.edx.org/course/data-science-ethics
A Life of Happiness and Fulfillment	6		coursera	https://www.coursera.org/learn/happiness
Successful Career Development	7		coursera	https://www.coursera.org/learn/career-advancement
Working in Teams: A Practical Guide	4		edX	https://www.edx.org/course/working-in-teams-a-practical-guide
Drug Commercialization	4		coursera	https://www.coursera.org/learn/drug-commercialization
Data Analysis for Decision-Making	12		edX	https://www.edx.org/professional-certificate/ritx-data-analysis-for-decision-making

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21**

Moocs list for BBA Accountancy, Taxation & Auditing

Course name	Duration (weeks)	Credit	Name of MOOC website	link
Introduction to Algebra	4		edX	https://www.edx.org/course/introduction-to-algebra
Knowledge Management and Big Data in Business	8		edx	https://www.edx.org/course/knowledge-management-and-big-data-in-business
Basic Statistics	8		coursera	https://www.coursera.org/learn/basic-statistics
Strategic Management	20		edX	https://www.edx.org/professional-certificate/wharton-strategic-management
Developing Soft Skills and Personality	8		swayam	https://onlinecourses.nptel.ac.in/noc20_hs43/preview
Business Analytics & Data Mining Modeling Using R Part II	4		swayam	https://onlinecourses.nptel.ac.in/noc20_mg47/preview
Advanced R Programming	4		coursera	https://www.coursera.org/learn/advanced-r
Data Science Methodology	3		coursera	https://www.coursera.org/learn/data-science-methodology
Financial Decision-Making for Leaders	16		edx	https://www.edx.org/professional-certificate/babsonx-financial-decision-making-for-leaders
A Life of Happiness and Fulfillment	6		coursera	https://www.coursera.org/learn/happiness

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21**

Successful Career Development	7		coursera	https://www.coursera.org/learn/career-advancement
Working in Teams: A Practical Guide	4		edX	https://www.edx.org/course/working-in-teams-a-practical-guide
Managing Employee Compensation	4		coursera	https://www.coursera.org/learn/compensation-management
Data Analysis for Decision-Making	12		edX	https://www.edx.org/professional-certificate/ritx-data-analysis-for-decision-making
Risk Management in Banking and Financial Markets	selfpaced		edX	https://www.edx.org/professional-certificate/iimbx-risk-management-in-banking-and-financial-markets

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21
Moocs for BBA Heritage Tourism**

Course name	Duration (weeks)	Credit	Name of MOOC website	link
Effective Communication: Writing, Design, and Presentation Specialization	20		coursera	https://www.coursera.org/specializations/effective-business-communication
Organizational Behavior: How to Manage People	4		coursera	https://www.coursera.org/learn/managing-people-iese
Communication in the 21st Century Workplace	4		coursera	https://www.coursera.org/learn/communication-in-the-workplace
Data Science Methodology	3		coursera	https://www.coursera.org/learn/data-science-methodology
Developing Soft Skills and Personality	8		swayam	https://onlinecourses.nptel.ac.in/noc20_hs43/preview
Business Analytics & Data Mining Modeling Using R Part II	4		swayam	https://onlinecourses.nptel.ac.in/noc20_mg47/preview
Customer Relationship Management	6		swayam	https://onlinecourses.swayam2.ac.in/imb20_mg35/preview
Brand Management: Aligning Business, Brand and Behaviour	5		coursera	https://www.coursera.org/learn/brand
Data Science Ethics	4		edX	https://www.edx.org/course/data-science-ethics
A Life of Happiness and Fulfillment	6		coursera	https://www.coursera.org/learn/happiness

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21**

Successful Career Development	7		coursera	https://www.coursera.org/learn/career-advancement
Working in Teams: A Practical Guide	4		edX	https://www.edx.org/course/working-in-teams-a-practical-guide
Advanced R Programming	4		coursera	https://www.coursera.org/learn/advanced-r
Data Analysis for Decision-Making	12		edX	https://www.edx.org/professional-certificate/ritx-data-analysis-for-decision-making

Moocs for B. Sc. Microbiology

Course Name	Duration (Weeks)	Credit	Name of the Mooc websites	
Food Microbiology	12	4	SWAYAM	Active
Food Preservation Technology	11	4	SWAYAM	Active
Microbiology immunologia	7		EDX	Active
Engineering Life: Synbio, Bioethics & Public Policy	5		CORSERA	Active
Industrial Biotechnology	6		CORSERA	Active
Data Science Methodology	3		COURSERA	Active
Developing Soft Skills and Personality	8	3	SWAYAM	Active
Ethics in Engineering Practice	8 weeks	3	NPTEL	Active

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21**

Ethics and Law in Data and Analytics	Self Paced	edX	Microsoft	Active
A Life of Happiness and Fulfillment	6 weeks	2	Coursera	Active
Successful Career Development	2	7 weeks	Coursera	Active
Working in Teams: A Practical Guide	1	4 weeks	edX	Active
Fundamentals of Scalable Data Science(by IBM)	12	4	Coursera	Active
Data Analysis and Interpretation	12	4	Coursera	Active
Machine Learning with Python	12	4	Coursera	Active
Data Processing Using Python	12	4	Coursera	Active
Introduction to Artificial Intelligence (by IBM)	8	4	Coursera	Active
Data Science: Foundations using R Specialization	12	4	Coursera	Active
Python for Data Science and AI	8	4	Coursera	Active
Data Science: Statistics and Machine	12	4	Coursera	Active

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21**

Learning Specialization				
R Programming	20	4	Coursera	Active
Python and Statistics for Financial Analysis	4	2	Coursera	Active
Applied Machine Learning in Python	12	4	Coursera	Active
Machine Learning, ML	12	4	Coursera	Active

Moocs for BTM

Course Name	Duration (Weeks)	Credit	Name of the Mooc websites	Status
Geography of Tourism	12	4	SWAYAM	Active
Hospitality Industry In Tourism	12	4	SWAYAM	Active
International Tourism Destinations	12	4	SWAYAM	Active
Tourism And Travel Management	12	4	SWAYAM	Active
Tourism Resources of India	12	4	SWAYAM	Active
Tourism Transport and Travel Services	12	4	SWAYAM	Active
Data Science Methodology	3		COURSERA	Active
Developing Soft Skills and Personality	8	3	SWAYAM	Active
Ethics in Engineering Practice	8 weeks	3	NPTEL	Active

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21**

Ethics and Law in Data and Analytics	Self Paced	edX	Microsoft	Active
A Life of Happiness and Fulfillment	6 weeks	2	Coursera	Active
Successful Career	2	7	Coursera	Active
Development				
Working in Teams: A Practical Guide	1	4 weeks	edX	Active
Fundamentals of Scalable Data Science(by IBM)	12	4	Coursera	Active
Data Analysis and Interpretation				Active
	12	4	Coursera	
Machine Learning for Accounting with Python	12	4	Coursera	Active
Data Processing Using Python	12	4	Coursera	Active
Introduction to Artificial Intelligence (by IBM)	8	4	Coursera	Active
Data Science: Foundations using R Specialization	12	4	Coursera	Active
Python for Data Science and AI	8	4	Coursera	Active
Data Science: Statistics and Machine Learning Specialization	12	4	Coursera	Active
R Programming	20	4	Coursera	Active
Python and Statistics for				Active

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21**

Financial Analysis	4	2	Coursera	
Applied Machine Learning in Python	12	4	Coursera	Active
Machine Learning, ML	12	4	Coursera	Active

Moocs for BBA

BBA			
Semester	Course	MOOCs platform	Availability (A/NA)
3rd and 5th	Introduction to algebra	EDX	Active
3rd and 5th	Basic statistics	Coursera	Active
3rd and 5th	Fundamentals of microeconomics	EDX	Active
3rd and 5th	Introduction to social research methods	EDX	Active
3rd and 5th	Introduction to Managerial economics	EDX	Active
3rd and 5th	Introduction to Economics: Microeconomics	EDX	Active
3rd and 5th	Data Analysis in Social Science— Assessing Your Knowledge	EDX	Active
3rd and 5th	Master Control in Supply Chain Management and Logistics	EDX	Active

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21**

3rd and 5th	New Product development	EDX	Active
3rd and 5th	Marketing Analytics	Coursera	Active
3rd and 5th	Positioning: What you need for a successful Marketing Strategy	Coursera	Active
3rd and 5th	Marketing in Digital World	Coursera	Active
3rd and 5th	Buyer Behaviour and Analysis	Edx	Active
3rd and 5th	Integrated Marketing Communications: Advertising, Public Relations, Digital Marketing and more	Coursera	Active
3rd and 5th	Strategic Management	Edx	Active
3rd and 5th	Landscape Finance: Investing in Innovation for Sustainable Landscape	Edx	Active
3rd and 5th	Financial Accounting	Edx	Active
3rd and 5th	Accounting for Decision making	Edx	Active
3rd and 5th	Recruitment, Hiring and Onboarding Employees	Coursera	Active

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21**

3rd and 5th	Managing Employee Compensation	Coursera	Active
3rd and 5th	Managing Employee Performance	Coursera	Active
3rd and 5th	People Analytics	Coursera	Active
3rd and 5th	Preparing to Manage Human Resources	Coursera	Active
3rd and 5th	Equity Stock Markets: Concepts, Instruments, Risks and Derivatives	Edx	Active
3rd and 5th	Performance Optimization in Unity	Coursera	Active
3rd and 5th	Capital Markets and Financial Institutions- How to survive Them	Coursera	Active
3rd and 5th	Capital Markets professional certificate Examination	Edx	Active
3rd and 5th	Public Policy Challenges of the 21st Century	Coursera	Active
3rd and 5th	Taxation of Business Entities I: Corporations	Coursera	Active
3rd and 5th	Management Accounting	Edx	Active
3rd and 5th	Demand and Supply Analytics	Edx	Active
3rd and 5th	Open and Smart Government	Edx	Active

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21**

3rd and 5th	Food & Beverage Management	Coursera	Active
3rd and 5th	Transacting on the Blockchain	Coursera	Active
3rd and 5th	Global Impact: Business Ethics	Coursera	Active
3rd and 5th	From Corporate Social Responsibility to Corporate Social Innovation	EDX	Active
3rd and 5th	Decision Making Under Uncertainty: Introduction to Structured Expert Judgment	EDX	Active
3rd and 5th	Advanced R Programming	Coursera	Active
3rd and 5th	Introduction To R for Data Science	EDX	Active
3rd and 5th	Fundamentals of Scalable Data Science(by IBM)	Coursera	Active
3rd and 5th	Data Analysis and Interpretation	Coursera	Active
3rd and 5th	Specialization	Coursera	Active
3rd and 5th	Machine Learning for Accounting with Python	Coursera	Active
3rd and 5th	Data Processing Using Python	Coursera	Active
3rd and 5th	Introduction to Artificial Intelligence (by IBM)	Coursera	Active
3rd and 5th	Data Science: Foundations using R Specialization	Coursera	Active
3rd and 5th	Python for Data Science and AI	Courera	Active
3rd and 5th	Data Science: Statistics and Machine Learning Specialization	Coursera	Active
3rd and 5th	R Programming	Coursera	Active
3rd and 5th	Python and Statistics for Financial Analysis	Coursera	Active

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21**

3rd and 5th	Applied Machine Learning in Python	Coursera	Active
3rd and 5th	Machine Learning	Coursera	Active
3rd and 5th	Data Analytics with Python	NPTEL	Active
3rd and 5th	Machine Learning	NPTEL	Active
3rd and 5th	Introduction to Machine Learning	NPTEL	Active
3rd and 5th	An Introduction to Artificial Intelligence	NPTEL	Active
3rd and 5th	Artificial Intelligence, Knowledge Representation and Reasoning	NPTEL	Active
3rd and 5th	Deep Learning	NPTEL	Active
3rd and 5th	Intellectual Property	NPTEL	Active
3rd and 5th	Patent Law for Engineers and Scientists	NPTEL	Active
3rd and 5th	Design Thinking-A Primer	NPTEL	Active
3rd and 5th	Entrepreneurship	NPTEL	Active
3rd and 5th	Entrepreneurship Essentials	NPTEL	Active
3rd and 5th	Fuzzy Logic and Neural Networks	NPTEL	Active
3rd and 5th	Basics of Event Management	Swayam	Active
3rd and 5th	Introduction to NGO Management	Swayam	Active
3rd and 5th	Financial Markets: A Risk Management	Swayam	Active
3rd and 5th	Customer Relationship Management	Swayam	Active
3rd and 5th	Fundamentals of Office Management & Methods	Swayam	Active
3rd and 5th	Municipal Solid Waste Management	Swayam	Active
3rd and 5th	Quantitative Techniques for Management	Swayam	Active

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21**

3rd and 5th	Working Capital Management	Swayam	Active
-------------	----------------------------	--------	--------

B.Sc. Medical Lab Technology

Course	MOOCs platform	Availability (A/NA)
Transmedia Storytelling: Narrative worlds, emerging technologies, and global audiences	Coursera	A
Data Science Methodology	Coursera	A
Business Analytics & Data Mining Modelling Using R	Swayam	A
A Life of Happiness and Fulfilment	Coursera	A
Successful Career Development	Coursera	A
Fundamentals of Scalable Data Science(by IBM)	Coursera	A
Data Analysis and Interpretation	Coursera	A
Machine Learning for Accounting with Python	Coursera	A
Data Processing Using Python	Coursera	A
Introduction to Artificial Intelligence (by IBM)	Coursera	A
Data Science: Foundations using R Specialization	Coursera	A
Python for Data Science and AI	Coursera	A
Data Science: Statistics and Machine Learning Specialization	Coursera	A
Python and Statistics for Financial Analysis	Coursera	A
Applied Machine Learning in Python	Coursera	A
Understanding Design	NPTEL	A

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21**

Innovation by Design		NPTEL		A
Python for Data Science		NPTEL		A
Introduction to Machine Learning		NPTEL		A
Fundamentals of Artificial Intelligence		NPTEL		A
Design, Technology and Innovation		NPTEL		A
One and two dimensional NMR Spectroscopy for chemists		NPTEL		A
Spectroscopic Techniques for Pharmaceutical and Biopharmaceutical Industries		NPTEL		A
Introduction to Biostatistics		NPTEL		A
Infrared spectroscopy for pollution monitoring		NPTEL		A
Biochemical Principles of Energy Mobilizations		Coursera		A
Biology meets Programming: Bioinformatics for Beginners		Coursera		A
Chemicals & Health		Coursera		A
Industrial Biotechnology		Coursera		A
Structural Biochemistry		Coursera		A
DNA Decoded		Coursera		A
Big Data, Genes and Medicine		Coursera		A

B.Sc. in PHYSIOTHERAPY MANAGEMENT & HEALTHCARE SCIENCE

Course		MOOCs platform		Availability (A/NA)
Transmedia Storytelling: Narrative worlds, emerging technologies, and global audiences		Coursera		A
Data Science Methodology		Coursera		A
Business Analytics & Data Mining Modelling Using R		Swayam		A
A Life of Happiness and Fulfilment		Coursera		A
Successful Career Development		Coursera		A
Fundamentals of Scalable Data Science(by IBM)		Coursera		A
Data Analysis and Interpretation		Coursera		A
Machine Learning for Accounting with Python		Coursera		A

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21**

Data Processing Using Python		Coursera		A
Advanced Data Science with IBM Specialization		Coursera		A
Data Science: Foundations using R Specialization		Coursera		A
Python for Data Science and AI		Coursera		A
Data Science: Statistics and Machine Learning Specialization		Coursera		A
Python and Statistics for Financial Analysis		Coursera		A
Applied Machine Learning in Python		Coursera		A
Understanding Design		NPTEL		A
Innovation by Design		NPTEL		A
Python for Data Science		NPTEL		A
Introduction to Machine Learning		NPTEL		A
Fundamentals of Artificial Intelligence		NPTEL		A
Design, Technology and Innovation		NPTEL		A
One and two dimensional NMR Spectroscopy for chemists		NPTEL		A
Spectroscopic Techniques for Pharmaceutical and Biopharmaceutical Industries		NPTEL		A
Introduction to Biostatistics		NPTEL		A
Infrared spectroscopy for pollution monitoring		NPTEL		A

Non-AICTE UG			
BBA (Insurance & Risk Management)			
Semester	Course	MOOCs platform	Availability (A/NA)
3rd and 5th	Introduction to algebra	EDX	Active
3rd and 5th	Basic statistics	Coursera	Active
3rd and 5th	Fundamentals of microeconomics	EDX	Active

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21**

3rd and 5th	Introduction to social research methods	EDX	Active
3rd and 5th	Introduction to Managerial economics	EDX	Active
3rd and 5th	Introduction to Economics: Microeconomics	EDX	Active
3rd and 5th	Data Analysis in Social Science— Assessing Your Knowledge	EDX	Active
3rd and 5th	Master Control in Supply Chain Management and Logistics	EDX	Active
3rd and 5th	New Product development	EDX	Active
3rd and 5th	Marketing Analytics	Coursera	Active
3rd and 5th	Positioning: What you need for a successful Marketing Strategy	Coursera	Active
3rd and 5th	Marketing in Digital World	Coursera	Active
3rd and 5th	Buyer Behaviour and Analysis	Edx	Active
3rd and 5th	Integrated Marketing Communications: Advertising, Public Relations, Digital Marketing and more	Coursera	Active

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21**

3rd and 5th	Strategic Management	Edx	Active
3rd and 5th	Landscape Finance: Investing in Innovation for Sustainable Landscape	Edx	Active
3rd and 5th	Financial Accounting	Edx	Active
3rd and 5th	Accounting for Decision making	Edx	Active
3rd and 5th	Recruitment, Hiring and Onboarding Employees	Coursera	Active
3rd and 5th	Managing Employee Compensation	Coursera	Active
3rd and 5th	Managing Employee Performance	Coursera	Active
3rd and 5th	People Analytics	Coursera	Active
3rd and 5th	Preparing to Manage Human Resources	Coursera	Active
3rd and 5th	Equity Stock Markets: Concepts, Instruments, Risks and Derivatives	Edx	Active
3rd and 5th	Performance Optimization in Unity	Coursera	Active

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21**

3rd and 5th	Capital Markets and Financial Institutions- How to survive Them	Coursera	Active
3rd and 5th	Capital Markets professional certificate Examination	Edx	Active
3rd and 5th	Public Policy Challenges of the 21st Century	Coursera	Active
3rd and 5th	Taxation of Business Entities I: Corporations	Coursera	Active
3rd and 5th	Management Accounting	Edx	Active
3rd and 5th	Demand and Supply Analytics	Edx	Active
3rd and 5th	Open and Smart Government	Edx	Active
3rd and 5th	Food & Beverage Management	Coursera	Active
3rd and 5th	Transacting on the Blockchain	Coursera	Active
3rd and 5th	Global Impact: Business Ethics	Coursera	Active
3rd and 5th	From Corporate Social Responsibility to Corporate Social Innovation	EDX	Active
3rd and 5th	Decision Making Under Uncertainty: Introduction to Structured Expert Judgment	EDX	Active
3rd and 5th	Advanced R Programming	Coursera	Active
3rd and 5th	Introduction To R for Data Science	EDX	Active
3rd and 5th	Fundamentals of Scalable Data Science(by IBM)	Coursera	Active
3rd and 5th	Data Analysis and Interpretation	Coursera	Active
3rd and 5th	Specialization	Coursera	Active
3rd and 5th	Machine Learning with Python	Coursera	Active

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21**

3rd and 5th	Data Processing Using Python	Coursera	Active
3rd and 5th	Advanced Data Science with IBM Specialization	Coursera	Active
3rd and 5th	Data Science: Foundations using R Specialization	Coursera	Active
3rd and 5th	Python for Data Science and AI	Courera	Active
3rd and 5th	Data Science: Statistics and Machine Learning Specialization	Coursera	Active
3rd and 5th	R Programming	Coursera	Active
3rd and 5th	Python and Statistics for Financial Analysis	Coursera	Active
3rd and 5th	Applied Machine Learning in Python	Coursera	Active
3rd and 5th	Machine Learning	Coursera	Active
3rd and 5th	Data Analytics with Python	NPTEL	Active
3rd and 5th	Machine Learning	NPTEL	Active
3rd and 5th	Introduction to Machine Learning	NPTEL	Active
3rd and 5th	An Introduction to Artificial Intelligence	NPTEL	Active
3rd and 5th	Artificial Intelligence, Knowledge Representation and Reasoning	NPTEL	Active
3rd and 5th	Deep Learning	NPTEL	Active
3rd and 5th	Intellectual Property	NPTEL	Active
3rd and 5th	Patent Law for Engineers and Scientists	NPTEL	Active
3rd and 5th	Design Thinking-A Primer	NPTEL	Active
3rd and 5th	Entrepreneurship	NPTEL	Active
3rd and 5th	Entrepreneurship Essentials	NPTEL	Active
3rd and 5th	Fuzzy Logic and Neural Networks	NPTEL	Active

B. sc. in Hospitality & hotel Administration

Course	MOOCs platform	Availability (A/NA)	Weeks
--------	----------------	---------------------	-------

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21**

Management Accounting	Edx	Active	
Demand and Supply Analytics	Edx	Active	
Open and Smart Government	Edx	Active	
Food & Beverage Management	Coursera	Active	
Transacting on the Blockchain	Coursera	Active	
Global Impact: Business Ethics	Coursera	Active	
From Corporate Social Responsibility to Corporate Social Innovation	EDX	Active	
Decision Making Under Uncertainty: Introduction to Structured Expert Judgment	EDX	Active	
Advanced R Programming	Coursera	Active	
Introduction To R for Data Science	EDX	Active	
Fundamentals of Scalable Data Science(by IBM)	Coursera	Active	
Data Analysis and Interpretation	Coursera	Active	
Machine Learning with Python	Coursera	Active	
Data Processing Using Python	Coursera	Active	
Advanced Data Science with IBM Specialization	Coursera	Active	
Data Science: Foundations using R Specialization	Coursera	Active	
Python for Data Science and AI	Courera	Active	
Data Science: Statistics and Machine Learning Specialization	Coursera	Active	
R Programming	Coursera	Active	
Python and Statistics for Financial Analysis	Coursera	Active	
Applied Machine Learning in Python	Coursera	Active	
Machine Learning	Coursera	Active	
Data Analytics with Python	NPTEL	Active	

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21**

Machine Learning	NPTEL	Active	
Introduction to Machine Learning	NPTEL	Active	
An Introduction to Artificial Intelligence	NPTEL	Active	
Artificial Intelligence, Knowledge Representation and Reasoning	NPTEL	Active	
Deep Learning	NPTEL	Active	
Intellectual Property	NPTEL	Active	
Patent Law for Engineers and Scientists	NPTEL	Active	
Design Thinking-A Primer	NPTEL	Active	
Entrepreneurship	NPTEL	Active	
Entrepreneurship Essentials	NPTEL	Active	
Fuzzy Logic and Neural Networks	NPTEL	Active	
Effective Communication: Writing, Design, and Presentation Specialization	coursera	Active	20
Organizational Behavior: How to Manage People	coursera	Active	4
Disaster Preparedness	coursera	Active	7
Data Science Methodology	coursera	Active	3
Developing Soft Skills and Personality	swayam	Active	8
Business Analytics & Data Mining Modeling Using R Part II	swayam	Active	4
Advanced R Programming	coursera	Active	4
The R Programming Environment	coursera	Active	4
Data Science Ethics	edX	Active	4
A Life of Happiness and Fulfillment	coursera	Active	6
Successful Career Development	coursera	Active	7
Working in Teams: A Practical Guide	edX	Active	4
Drug Commercialization	coursera	Active	4
Data Analysis for Decision-Making	edX	Active	12

**Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly known as West Bengal University of Technology)
List of MOOCs for UG Honours degree (NON-AICTE Programmes)
Effective for Odd Semester of 2020-21**

Course name	Duration (weeks)	Credit	Name of MOOC website	Status
Developing Soft Skills And Personality	8		NPTEL	Active
Soft skills	12		NPTEL	Active
Body language: Key to professional Success	4		NPTEL	Active
The Psychology Of Language			NPTEL	Active
Intermediate Level of Spoken Sanskrit	8		NPTEL	Active
Knowledge Management	8		NPTEL	Active
Leadership	4		NPTEL	Active
Introduction to Research	8		NPTEL	Active
Ecology and Environment	8		NPTEL	Active
Health Research Fundamentals	8		NPTEL	Active
Stress Management	4		NPTEL	Active
Neuroscience of Human Movements	12		NPTEL	Active