

**Maulana Abul Kalam Azad University of Technology, WB**  
**(Formerly known as West Bengal University of Technology)**  
**Syllabus of B.Sc. in Medical Instrumentation & Critical Care Technology**  
**Effective from academic session 2023-24**

**Semester 3**

Sl.	Subject Type	Code	Subject Name	Credits			Total Credits
				L	T	P	
1.	<b>DSC</b>	BMICCT 301 & 391	BASICS OF PATHOLOGY, MICROBIOLOGY, PHARMACOLOGY	3	-	2	5
2.		BMICCT 302	FUNDAMENTALS OF BIO-PHYSICS	3	2	0	5
3.	<b>DSE</b>	MIM301A	Principles of Marketing	3	1	0	4
4.	<b>GE</b>		GE- Anyone from the GE Basket	3	-	0	3
5.	<b>AECC</b>	AECC 301	The Constitution, Human Rights & Law	2		0	2
6.	<b>SEC</b>	SEC 381	Understanding basics of Cyber Security	2		0	2
<b>Total Credit</b>							<b>21</b>

**Semester 4**

Subject Type	Code	Subject Name	Credits			Total Credits
			L	T	P	
<b>DSC</b>	BMICCT 401	ICU THERAPY	3	1	0	4
	BMICCT 402	CSSD PROCEDURE	3	1	0	4
	BMICCT 403 & 493	LABORATORY SCIENCE [HAEMATOLOGY & PARASITOLOGY]	3	0	2	5
<b>DSE</b>	MIM401	Human Resource Management	4	-	0	4
	MIM402	E-Commerce	4	-	0	4
<b>AECC</b>	AECC 401	Society, Culture & Human Behaviour	2	-	0	2
<b>Total Credit</b>						<b>23</b>