

**MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY, WEST BENGAL**

**(Formerly West Bengal University of Technology)**

**Syllabus of B. Sc Medical image Technology**

**(Effective from 2023-24 Academic Sessions)**

**Model curriculum structure for 4 year UG programs Medical Imaging Technology major with computer minor**

<b>Semester</b>	<b>Major</b>	<b>Minor</b>	<b>Inter Disciplinary</b>	<b>Ability Enhancement</b>	<b>Skill Enhancement(Online /Sessional)</b>	<b>Common Value added (SESSIONAL)</b>	<b>Total credits</b>
<b>I</b>	<b>BMMIT-1101 Human anatomy</b>  <b>BMMIT-1191 Lab on Human anatomy 5 credits(3L+2P)</b>	Computer Fundamental <b>(3credits=3Lh/wk)</b>	Any one from GE baskets A/D(3 credits)	English & Professional Communication (2 credits)	Life Skills & Personality Development (2 credits)	Yoga/ Health& Wellness/ physical fitness  (2 credits)	22
	<b>BMMIT1102 Biochemistry</b>  <b>BMMIT1192 Lab on Biochemistry 5 credits(3L+2P)</b>						
<b>II</b>	<b>BMMIT-2101 Basics of Human Physiology</b>  <b>BMMIT-2191 Lab on Human Physiology</b>	Management Information System <b>(3credits=3Lh/wk)</b>	Any one from GE baskets B/E(3 credits)	Modern Indian Languages and Literature (2 credits)	IT Skills (2 credits)	Critical Thinking / NSS/ Mental Health  (2 credits)	22

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<b>5 credits(3L+2P)</b>					
<b>BMMIT-2102 Fundamental Physics and basics of Radiation Physics</b>					
<b>BMMIT-2192 Lab on Radiation Physics 5 credits(3L+2P)</b>					

<b>Semester</b>	<b>Major</b>	<b>Minor</b>	<b>Inter Disciplinary</b>	<b>Ability Enhancement</b>	<b>Skill Enhancement(Online /Sessional)</b>	<b>Common Value added(SESSIONAL)</b>	<b>Total credits</b>
<b>III</b>	<b>BMMIT-3201 Basic Microbiology</b>  <b>BMMIT-3291 Lab on Microbiology</b>  <b>5 credits(3L+2P)</b>	Word and PowerPoint & Spreadsheet Application with Excel <b>4 credits (2L+2P)/wk</b>	Any one from GE baskets C/F (3 credits)	The Constitution, Human Rights and Law (2 credits) (2 L)	Understanding and connecting with environment (2 credits)		21