

**Study Scheme of  
Bachelor of Science in Medical Technology  
(Anesthesia & Operation Theatre Technology)  
(B.Sc. MT (AOTT))**

**Batch 2021 onwards**

Signature of Convener (BOS)

Signature of Chairman (BOS)

# Bachelor of Science in Medical Technology(AOTT) Course for session 2021 Onwards

## Courses & Examination Scheme:

Semester		First (1 <sup>st</sup> )							
Course Code	Course Type	Course Title	Load Allocations			Marks Distribution		Total Marks	Credits
			L*	T*	P	Internal	External		
BAOTT 101-21	Core Theory	Human Anatomy & Physiology-I	3	1	0	40	60	100	4
BAOTT 102-21	Core Theory	Basic Anesthesia Technology	3	1	0	40	60	100	4
BAOTT 103-21	Core Theory	General Microbiology	3	1	0	40	60	100	4
BAOTT 104-21	Core Practical/Laboratory	Human Anatomy & Physiology-I Laboratory	0	0	4	60	40	100	2
BAOTT 105-21	Core Practical/Laboratory	Basic Anesthesia Technology Laboratory	0	0	4	60	40	100	2
BAOTT 106-21	Core Practical/Laboratory	General Microbiology Laboratory	0	0	4	60	40	100	2
BTHU 103-18	Ability Enhancement Compulsory Course (AECC)-I	English	1	0	0	40	60	100	1
BTHU 104-18	Ability Enhancement Compulsory Course (AECC)	English Practical/Laboratory	0	0	2	30	20	50	1
HVPE 101-18	Ability Enhancement Compulsory Course (AECC)	Human Values, De-addiction and Traffic Rules	3	0	0	40	60	100	3
HVPE 102-18	Ability Enhancement Compulsory Course (AECC)	Human Values, De-addiction and Traffic Rules (Lab/ Seminar)	0	0	1	25	--**	25	1
<b>TOTAL</b>			<b>13</b>	<b>03</b>	<b>15</b>	<b>435</b>	<b>440</b>	<b>875</b>	<b>24</b>

\*A course can either have four Hrs Lecture or Three Hrs Lecture + One Hrs Tutorial as per requirement

\*\*The Human Values, De-addiction and Traffic Rules (Lab/ Seminar) and Mentoring and Professional Development course will have internal evaluation only.

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Bachelor of Science in Medical Technology(AOTT) Course for session 2021 Onwards

<b>Semester</b>		<b>Second (2<sup>nd</sup>)</b>							
<b>Course Code</b>	Course Type	<b>Course Title</b>	<b>Load Allocations</b>			<b>Marks Distribution</b>		<b>Total Marks</b>	<b>Credits</b>
			L*	T*	P	Internal	External		
BAOTT 201-21	Core Theory	Human Anatomy & Physiology-II	3	1	0	40	60	100	4
BAOTT 202-21	Core Theory	Surgical Equipments & Technology	3	1	0	40	60	100	4
BAOTT 203-21	Core Theory	Biochemistry & Pathology	3	1	0	40	60	100	4
BAOTT 204-21	Core Practical/Laboratory	Human Anatomy & Physiology-II Laboratory	0	0	4	60	40	100	2
BAOTT 205-21	Core Practical/Laboratory	Surgical Equipments & Technology Laboratory	0	0	4	60	40	100	2
BAOTT 206-21	Core Practical/Laboratory	Biochemistry & Pathology Laboratory	0	0	4	60	40	100	2
EVS 102-18	Ability Enhancement Compulsory Course (AECC) -III	Environmental Science	2	0	0	40	60	100	2
BMPD 202-18		Mentoring and Professional Development	0	0	1	25	--	25	1
<b>TOTAL</b>			<b>11</b>	<b>03</b>	<b>13</b>	<b>365</b>	<b>360</b>	<b>725</b>	<b>21</b>

\*A course can either have four Hrs Lecture or Three Hrs Lecture + One Hrs Tutorial as per requirement

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## Bachelor of Science in Medical Technology(AOTT) Course for session 2021 Onwards

Semester		Third (3 <sup>rd</sup> )							
Course Code	Course Type	Course Title	Load Allocations			Marks Distribution		Total Marks	Credits
			L*	T*	P	Internal	External		
BAOTT 301-21	Core Theory	General Anesthesia	3	1	0	40	60	100	4
BAOTT 302-21	Core Theory	General Pharmacology	3	1	0	40	60	100	4
BAOTT 303-21	Core Theory	Surgical Instrumentation	3	1	0	40	60	100	4
BAOTT 304-21	Core Practical/Laboratory	General Anesthesia Laboratory	0	0	4	60	40	100	2
BAOTT 305-21	Core Practical/Laboratory	General Pharmacology Laboratory	0	0	4	60	40	100	2
BAOTT 306-21	Core Practical/Laboratory	Surgical Instrumentation Laboratory	0	0	4	60	40	100	2
BAOTT 307-21	Skill Enhancement Course-I	Introduction to Quality & Patient Safety	2	1	0	40	60	100	3
<b>TOTAL</b>			<b>11</b>	<b>04</b>	<b>12</b>	<b>340</b>	<b>360</b>	<b>700</b>	<b>21</b>

\*A course can either have four Hrs Lecture or Three Hrs Lecture + One Hrs Tutorial as per requirement

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Bachelor of Science in Medical Technology(AOTT) Course for session 2021 Onwards

Semester		Fourth (4 <sup>th</sup> )							
Course Code	Course Type	Course Title	Load Allocations			Marks Distribution		Total Marks	Credits
			L*	T*	P	Internal	External		
BAOTT 401-21	Core Theory	Obstetrics & Gynaecology	3	1	0	40	60	100	4
BAOTT 402-21	Core Theory	Surgical Procedures	3	1	0	40	60	100	4
BAOTT 403-21	Core Theory	Regional Anesthesia Techniques	3	1	0	40	60	100	4
BAOTT 404-21	Core Practical/Laboratory	Obstetrics & Gynaecology Laboratory	0	0	4	60	40	100	2
BAOTT 405-21	Core Practical/Laboratory	Surgical Procedures Laboratory	0	0	4	60	40	100	2
BAOTT 406-21	Core Practical/Laboratory	Regional Anesthesia Techniques Laboratory	0	0	4	60	40	100	2
BAOTT 407-21	Skill Enhancement Course-II	Basic in Computers and Information Science	2	1	0	40	60	100	3
BAOTT 408-21	Skill Enhancement Course-Laboratory	Basic in Computers and Information Science Practical	0	0	2	60	40	100	1
<b>TOTAL</b>			<b>11</b>	<b>04</b>	<b>14</b>	<b>400</b>	<b>400</b>	<b>800</b>	<b>22</b>

\*A course can either have four Hrs Lecture or Three Hrs Lecture + One Hrs Tutorial as per requirement

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