

Bachelor in Anaesthesia and Operation Theatre Technology

SETS

SET 1

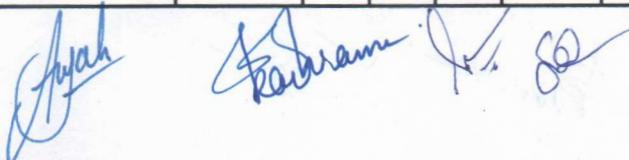
SET 1	Course Code	Course Name	Course Type	Periods			Total Credits	Evaluation Scheme				Subject Total		
				Periods				Theory		Practical				
				L	T	P		CAE*	ESE	INT	EXT			
	BOT 101	Operation Theatre Technology Basics	Major	3	1	0	4	40	60	-	-	100		
	BOT 102	Vital Signs and Management of Medical Emergencies	MC	1	0	0	1	40	60	-	-	100		
	BOT 103	Healthcare Delivery System	IDC	2	1	0	3	40	60	-	-	100		
	BOT 104	Digital Literacy	AEC	2	0	0	2	-	-	60	40	100		
	BOT 105	Communication Strategies	SEC	2	1	0	3	-	-	60	40	100		
	BOT 106	Environment Studies I	VAC	2	1	0	3	40	60	-	-	100		
	BOT 101P	Operation Theatre Technology Basics Lab	Major	0	0	6	3	-	-	60	40	100		
	BOT 102P	Vital Signs and Management of Medical Emergencies Lab	MC	0	0	2	1	-	-	60	40	100		
	Total			12	4	8	20	160	240	240	160	800		

*The marks will be divided as specified under clause 25UGAHP 5.2 of the policy document



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SET 2	Course Code	Course Name	Course Type	Periods			Total Credits	Evaluation Scheme				Subject Total
				L	T	P		CAE	ESE	INT	EXT	
	BOT 201	Basic Operation Theatre Equipment, Drugs and Techniques	Major	3	1	0	4	40	60	-	-	100
	BOT 202	Infection Control and Biomedical Waste Management	MC	1	0	0	1	40	60	-	-	100
	BOT 203	Hospital Services	IDC	2	1	0	3	40	60	-	-	100
	BOT 204	Business Communication	AEC	2	1	0	3	-	-	60	40	100
	BOT 205	Job Ready Skills I	SEC	2	0	0	2	-	-	60	40	100
	BOT 206	Environmental Studies II	VAC	2	1	0	3	40	60	-	-	100
	BOT 201P	Basic Operation Theatre Equipment, Drugs and Techniques Lab	Major	0	0	6	3	-	-	60	40	100
	BOT 202P	Infection Control and Biomedical Waste	MC	0	0	2	1	-	-	60	40	100



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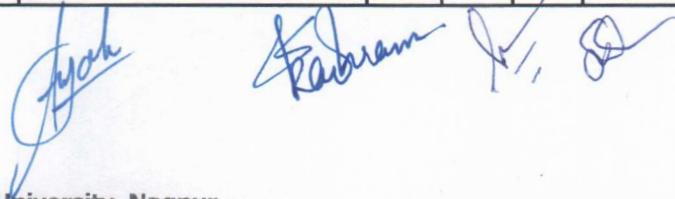
		Management Lab									
		Total	12	4	8	20	160	240	240	160	800



Bachelor in Anaesthesia and Operation Theatre Technology

SET 3

SET 3	Course Code	Course Name	Course Type	Periods			Total Credits	Evaluation Scheme				Subject Total		
				L	T	P		Theory		Practical				
								CAE	ESE	INT	EXT			
	BOT 301	Advanced Operation Theatre Equipment, Drugs and Techniques	Major	5	1	0	6	40	60	-	-	100		
	BOT 302	Intensive Care Unit	MC	1	0	0	1	40	60	-	-	100		
	BOT 303	Medical Law and Ethics	IDC	2	1	0	3	40	60	-	-	100		
	BOT 304	Sales and Marketing	AEC	2	1	0	3	-	-	60	40	100		
	BOT 305	Job Ready Skills II	SEC	2	0	0	2	-	-	60	40	100		
	BOT 301P	Advanced Operation Theatre Equipment, Drugs and Techniques Lab	Major	0	0	8	4	-	-	60	40	100		
	BOT 302P	Intensive Care Unit Lab	MC	0	0	2	1	-	-	60	40	100		
	Total			12	3	10	20	120	180	240	160	700		



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SET 4

SET 4	Course Code	Course Name	Course Type	Periods			Total Credits	Evaluation Scheme				Subject Total		
				L	T	P		Theory		Practical				
								CAE	ESE	INT	EXT			
	BOT 401	Assisted Feeding and Specialized Surgeries	Major	5	3	0	8	40	60	-	-	100		
	BOT 402	Diet and Nutrition	MC	5	1	0	6	40	60	-	-	100		
	BOT 403	Leadership Skills for Business Success	AEC	2	0	0	2	-	-	60	40	100		
	BOT 401P	Assisted Feeding and Specialized Surgeries Lab	Major	0	0	8	4	-	-	60	40	100		
	Total			12	4	8	20	80	120	120	80	400		

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SET 5

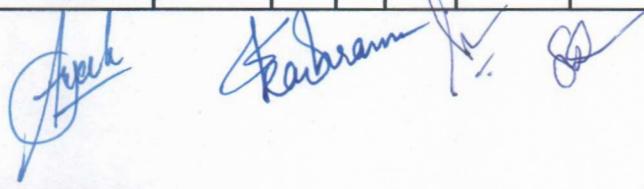
SET 5	Course Code	Course Name	Course Type	Periods			Total Credits	Evaluation Scheme				Subject Total		
				Periods				Theory		Practical				
				L	T	P		CAE	ESE	INT	EXT			
	BOT 501	OTT On the Job Training I	Major/M C/SI	0	0	40	20	-	-	60	40	100		
		Total		0	0	40	20	-	-	60	40	100		

SET 6

SET 6	Course Code	Course Name	Course Type	Periods			Total Credits	Evaluation Scheme				Subject Total		
				Periods				Theory		Practical				
				L	T	P		CAE	ESE	INT	EXT			
-	BOT 601	OTT On the Job Training II	Major/M C/SEC	0	0	40	20	-	-	60	40	100		
				0	0	40	20	-	-	60	40	100		

SET 7

SET 7	Course Code	Course Name	Course Type	Periods			Total Credits	Evaluation Scheme				Subject Total		
				Periods				Theory		Practical				
				L	T	P		CAE	ESE	INT	EXT			
-	BOT 701	OTT On the Job Training III	Major/M C	0	0	40	20	-	-	60	40	100		



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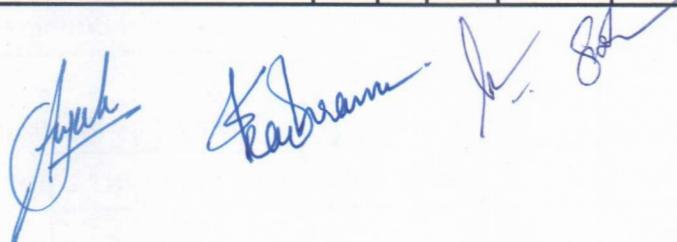
SET 8

SET 8	Course Code	Course Name	Course Type	Periods			Total Credits	Evaluation Scheme				Subject Total		
								Theory		Practical				
				L	T	P		CAE	ESE	INT	EXT			
	BOT 801	OTT On the Job Training IV	Major/M C	0	0	40	20	-	-	60	40	100		
		Total		0	0	40	20	-	-	60	40	100		



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		Total	0	0	40	20	-	-	60	40	100
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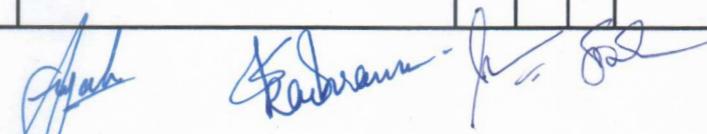
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LEVEL 4.5

Candidates choosing the level 4.5 exit will study set 1 in semester I and set 5 in semester II

All candidates will be enrolled in the highest course.

Semester - I (Candidate will study set 1)	Course Code	Course Name	Course Type	Periods			Total Credits	Evaluation Scheme				Subject Total		
				L	T	P		Theory		Practical				
								CAE	ESE	INT	EXT			
	BOT 101	Operation Theatre Technology Basics	Major	3	1	0	4	40	60	-	-	100		
	BOT 102	Vital Signs and Management of Medical Emergencies	MC	1	0	0	1	40	60	-	-	100		
	BOT 103	Healthcare Delivery System	IDC	2	1	0	3	40	60	-	-	100		
	BOT 104	Digital Literacy	AEC	2	0	0	2	-	-	60	40	100		
	BOT 105	Communication Strategies	SEC	2	1	0	3	-	-	60	40	100		
	BOT 106	Environmental Studies I	VAC	2	1	0	3	40	60	-	-	100		
	BOT 101P	Operation Theatre Technology Basics Lab	Major	0	0	6	3	-	-	60	40	100		
	BOT 102P	Vital Signs and Management of Medical Emergencies Lab	MC	0	0	2	1	-	-	60	40	100		
	Total			12	4	8	20	160	240	240	160	800		



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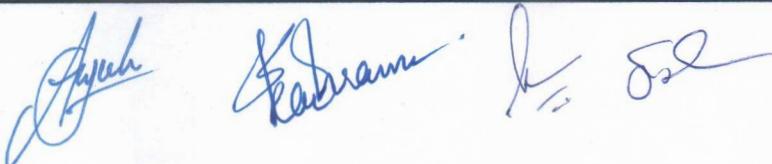
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- If a candidate wants to exit for an UG Certificate after Semester I, then this SES will be followed for Semester II.
- An exit request can be raised maximum before the start of Semester II.
- In case a candidate raises a request for exit post the above-mentioned timeline, they can only opt for the next available exit stage.
- If a candidate does not wish to either opt for the next available exit stage or continue with the program, no qualification to be awarded to the candidate.
- Candidates to pass all previous exams of all previous semesters in order to be eligible for the internship semester.
- In case a candidate fails in any of the exams in any semester, s/he will get a chance to re-appear for the exams every six months.

Semester-II (Candidate will study set 5)	Course Code	Course Name	Course Type	Periods			Total Credits	Evaluation Scheme				Subject Total	
								Theory		Practical			
				L	T	P		CAE	ESE	INT	EXT		
	BOT 501	OTT On the Job Training I	Major/MC/Sl	0	0	40	20	-	-	60	40	100	
		Total			0	0	40	20	-	-	60	40	100

Candidates exiting the programme after securing 40 credits will be awarded a UG Certificate (Anaesthesia and Operation Theatre Technology) provided they secure 4 credits in work-based vocational courses offered during the summer term or an internship / Apprenticeship in addition to 6 credits from skill-based courses earned during the first and second semester.



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***Digital Literacy and Communication Strategies assessment will be practical viva based.**

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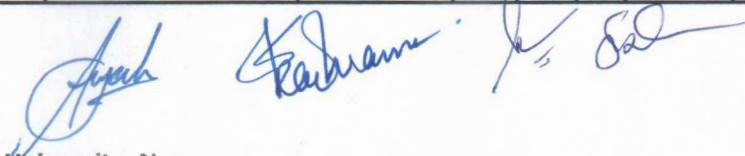
Bachelor in Anaesthesia and Operation Theatre Technology

LEVEL 5

Candidates choosing the level 5 exit will study set 1 in semester I, set 2 in semester II, set 5 in semester III, and set 6 in semester IV

If a candidate wants to continue after Semester I, then this SET will be followed for Semester II

Semester-II (Candidate will study set 2)	Course Code	Course Name	Course Type	Periods			Total Credits	Evaluation Scheme				Subject Total		
				L	T	P		Theory		Practical				
								CAE	ESE	INT	EXT			
	BOT 201	Basic Operation Theatre Equipment, Drugs and Techniques	Major	3	1	0	4	40	60	-	-	100		
	BOT 202	Infection Control and Biomedical Waste Management	MC	1	0	0	1	40	60	-	-	100		
	BOT 203	Hospital Services	IDC	2	1	0	3	40	60	-	-	100		
	BOT 204	Business Communication	AEC	2	1	0	3	-	-	60	40	100		
	BOT 205	Job Ready Skills I	SEC	2	0	0	2	-	-	60	40	100		
	BOT 206	Environmental Studies II	VAC	2	1	0	3	40	60	-	-	100		
	BOT 201P	Basic Operation Theatre Equipment, Drugs and Techniques Lab	Major	0	0	6	3	-	-	60	40	100		
	BOT 202P	Infection Control and Biomedical	MC	0	0	2	1	-	-	60	40	100		



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		Waste Management Lab									
-		Total	12	4	8	20	160	240	240	160	800

*Business Communication and Job Ready Skills I assessment will be practical viva based.



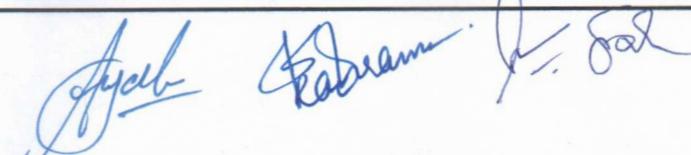
Bachelor in Anaesthesia and Operation Theatre Technology

- If a candidate wants to exit for an UG Diploma after Semester II, then this SES will be followed for Semester III and Semester IV.
- An exit request can be raised maximum before the start of Semester III.
- In case a candidate raises a request for exit post the above-mentioned timeline, they can only opt for the next available exit stage.
- If a candidate does not wish to either opt for the next available exit stage or continue with the program, no qualification to be awarded to the candidate.
- Candidates to pass all previous exams of all previous semesters in order to be eligible for the internship semester.
- In case a candidate fails in any of the exams in any semester, s/he will get a chance to re-appear for the exams every six months.

Semester- III (Candidate will study set 5)	Course Code	Course Name	Course Type	Periods			Total Credits	Evaluation Scheme				Subject Total
								Theory		Practical		
				L	T	P		CAE	ESE	INT	EXT	
	BOT 501	OTT On the Job Training I	Major/MC/Sl	0	0	40	20	-	-	60	40	100
		Total		0	0	40	20	-	-	60	40	100

Semester- IV (Candidate will study set 6)	Course Code	Course Name	Course Type	Periods			Total Credits	Evaluation Scheme				Subject Total
								Theory		Practical		
				L	T	P		CAE	ESE	INT	EXT	
	BOT 601	OTT On the Job Training II	Major/MC/SEC	0	0	40	20	-	-	60	40	100
		Total		0	0	40	20	-	-	60	40	100

Candidates exiting the programme after securing 80 credits will be awarded a UG Diploma (Anaesthesia)



Bachelor in Anaesthesia and Operation Theatre Technology

and Operation Theatre Technology) provided they secure an additional 4 credits in skill-based vocational courses offered during the first year or the second year summer term.



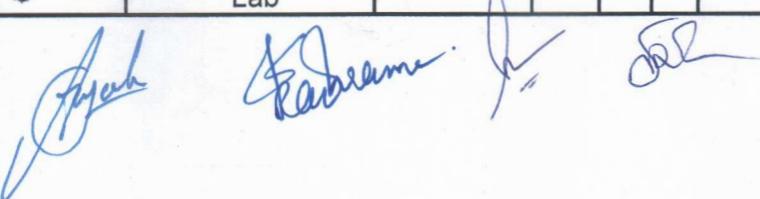
Bachelor in Anaesthesia and Operation Theatre Technology

LEVEL 5.5

Candidates choosing the level 5.5 exit will study set 1 in semester 1, set 2 in semester II, set 3 in semester III, set 5 in semester IV, set 6 in semester V, and set 7 in semester VI.

If a candidate wants to continue after Semester II, then this SET will be followed for Semester III.

Semester- III (Candidate will study set 3)	Course Code	Course Name	Course Type	Periods			Total Credits	Evaluation Scheme				Subject Total
								Theory		Practical		
				L	T	P		CAE	ESE	INT	EXT	
	BOT 301	Advanced Operation Theatre Equipment, Drugs and Techniques	Major	5	1	0	6	40	60	-	-	100
	BOT 302	Intensive Care Unit	MC	1	0	0	1	40	60	-	-	100
	BOT 303	Medical Law and Ethics	IDC	2	1	0	3	40	60	-	-	100
	BOT 304	Sales and Marketing	AEC	2	1	0	3	-	-	60	40	100
	BOT 305	Job Ready Skills II	SEC	2	0	0	2	-	-	60	40	100
	BOT 301P	Advanced Operation Theatre Equipment, Drugs and Techniques Lab	Major	0	0	8	4	-	-	60	40	100



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	BOT 302P	Intensive Care Unit Lab	MC	0	0	2	1	-	-	60	40	100
		Total		12	3	10	20	120	180	240	160	700

*Sales and Marketing and Job Ready Skills II assessment will be practical viva based.

- If a candidate wants to exit for 3 year UG programme after Semester III, then this SES will be followed for Semester IV, Semester V and Semester VI.
- An exit request can be raised maximum before the start of Semester IV.
- In case a candidate raises a request for exit post the above-mentioned timeline, they can only opt for the next available exit stage.
- If a candidate does not wish to either opt for the next available exit stage or continue with the program, no qualification to be awarded to the candidate.
- Candidates to pass all previous exams of all previous semesters in order to be eligible for an internship semester.
- In case a candidate fails in any of the exams in any semester, s/he will get a chance to re-appear for the exams every six months.

Semester- IV (Candidate will study set 5)	Course Code	Course Name	Course Type	Periods			Total Credits	Evaluation Scheme				Subject Total
								Theory		Practical		
				L	T	P		CAE	ESE	INT	EXT	
	BOT 501	OTT On the Job Training I	Major/MC/SI	0	0	40	20	-	-	60	40	100
		Total		0	0	40	20	-	-	60	40	100



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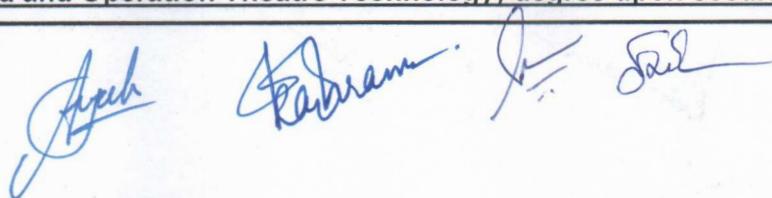
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Semester- V (Candidate will study set 6)	Course Code	Course Name	Course Type	Periods			Total Credits	Evaluation Scheme				Subject Total		
				Periods				Theory		Practical				
				L	T	P		CAE	ESE	INT	EXT			
	BOT 601	OTT On the Job Training II	Major/MC/SEC	0	0	40	20	-	-	60	40	100		
				0	0	40	20	-	-	60	40	100		

Semester- VI (Candidate will study set 7)	Course Code	Course Name	Course Type	Periods			Total Credits	Evaluation Scheme				Subject Total		
				Periods				Theory		Practical				
				L	T	P		CAE	ESE	INT	EXT			
	BOT 701	OTT On the Job Training III	Major/MC	0	0	40	20	-	-	60	40	100		
		Total		0	0	40	20	-	-	60	40	100		

Candidates who want to undertake a 3-year UG programme will be awarded a Bachelor of Science (Anaesthesia and Operation Theatre Technology) degree upon securing 120 credits



Bachelor in Anaesthesia and Operation Theatre Technology

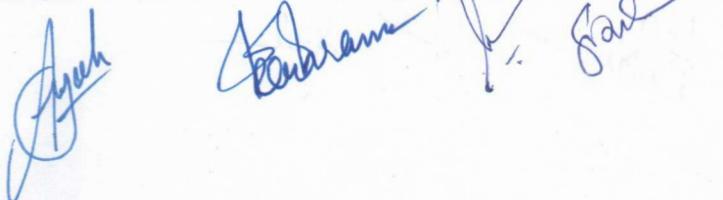
LEVEL 6

Candidates choosing the level 6 exit will study set 1 in semester I, set 2 in semester II, set 3 in semester III, set 4 in semester IV, set 5 in semester V, set 6 in semester VI, set 7 in semester VII and set 8 in semester VIII

If a candidate wants to continue after Semester III, then this SET will be followed for Semester IV.

Semester - IV (Candidate will study set 4)	Course Code	Course Name	Course Type	Periods			Total Credits	Evaluation Scheme				Subject Total
								Theory		Practical		
				CAE	ESE	INT	EXT					
	BOT 401	Assisted Feeding and Specialized Surgeries	Major	5	3	0	8	40	60	-	-	100
	BOT 402	Diet and Nutrition	MC	5	1	0	6	40	60	-	-	100
	BOT 403	Leadership Skills for Business Success	AEC	2	0	0	2	-	-	60	40	100
	BOT 401P	Assisted Feeding and Specialized Surgeries Lab	Major	0	0	8	4	-	-	60	40	100
	Total			12	4	8	20	80	120	120	80	400

*Leadership Skills for Business Success assessment will be practical viva based.



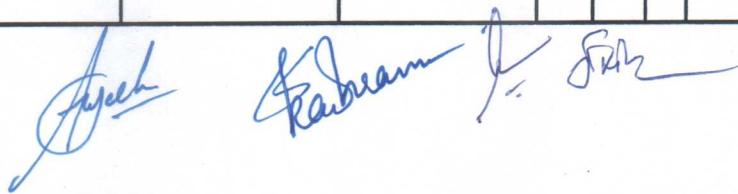
Bachelor in Anaesthesia and Operation Theatre Technology

- Candidates to pass all previous exams of all previous semesters in order to be eligible for the internship semester.**
- In case a candidate fails in any of the exams in any semester, s/he will get a chance to re-appear for the exams every six months.**

Semester- V (Candidate will study set 5)	Course Code	Course Name	Course Type	Periods			Total Credits	Evaluation Scheme				Subject Total
				L	T	P		Theory	Practical			
	BOT 501	OTT On the Job Training I	Major/MC/Sl	0	0	40	20	-	-	60	40	100
		Total		0	0	40	20	-	-	60	40	100

Semester- VI (Candidate will study set 6)	Course Code	Course Name	Course Type	Periods			Total Credits	Evaluation Scheme				Subject Total
				L	T	P		Theory	Practical			
	BOT 601	OTT On the Job Training II	Major/MC/SEC	0	0	40	20	-	-	60	40	100
		Total		0	0	40	20	-	-	60	40	100

Semester - VII (Candidate will study set 7)	Course Code	Course Name	Course Type	Periods			Total Credits	Evaluation Scheme				Subject Total
				L	T	P		Theory	Practical			
	BOT 701	OTT On the Job Training III	Major/MC	0	0	40	20	-	-	60	40	100



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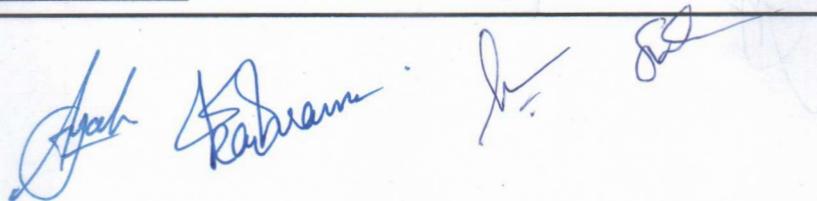
	-	Total	0	0	40	20	-	-	60	40	100
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Bachelor in Anaesthesia and Operation Theatre Technology

Semester-VIII (Candidate will study set 8)	Course Code	Course Name	Course Type	Periods			Total Credits	Evaluation Scheme				Subject Total
				L	T	P		Theory		Practical		
				CAE	ESE	INT	EXT					
	BOT 801	OTT On the Job Training IV	Major/MC	0	0	40	20	-	-	60	40	100
	Total			0	0	40	20	-	-	60	40	100

Candidates will be awarded a Bachelor in Anaesthesia and Operation Theatre Technology degree provided they secure 160 credits



Bachelor in Anaesthesia and Operation Theatre Technology

Course Type Abbreviations:

Major: Major Courses

MC: Minor Courses

IDC: Inter-Disciplinary Courses

AEC: Ability Enhancement Courses

SEC: Skill Enhancement Courses

VAC: Common Values Added Courses

SI: Summer Internship

