Colour Coding
Global GREEN
Regional BLUE
National ORANGE

Semester wise curriculum of the BSc Course (as desired by Commission of allied health sciences and as per the decision of College of Medical Technology, SGPGIMS) would be as follows;

	BSc Operation Theatre and Anaesthesia technology			Lecture Per week	Demo / week	Hours Theory	Hours Practical	Theory marks	Practical marks	Internal Marks (plus log book if any)	Total
	1st Semester										
Paper I	BOTT-011	Human Anatomy and Physiology Part-1	Common	2	2	40	60	80+80	()	2020	***************************************
Paper II	BOTT-001	Introduction to Healthcare Delivery System in	Foundation		done			*******	0	20+20	200
And the second s	and the second s	India	Toundation	***************************************	***************************************	60		40	0	10	50
Paper III	BOTT-006	Introduction to Quality and patient safety (including Basic emergency care and life support skills, Infection prevention and control, Biomedical waste management, Disaster management and Antibiotic resistance)	Foundation	2		40	60	40	0	10	50
Paper IV	BOTT-006	Communication and soft skills	Foundation	2			***************************************				
	BOTT-006	English & Communication skills	Foundation	2	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	20	10	40	0	10	50
Paper V	BOTT-002	Basic computers and information Science	Foundation	2		10	40	40			***************************************
Paper VI	BOTT-012	Biochemistry	Specific	1	W-Sharining day and an analysis	40	60		0	10	50
3	BOTT-010	Clinical Visit and Community orientation	Specific	and the same of th	4		100	80		20	100
			Total	The state of the s		Tenricon con considerate and an acquise has	200	***************************************			# A A
	Annual series of the series of	2nd Semester						Andrew Address of the Control of the	Management of the state of the		500
Paper I	BOTT-004	Medical Terminology and record keeping (including anatomical terms)	Foundation	1		40	0	40	0	10	50
Donor II	BOTT-009	Principals of Management						80		20	
Paper II	BOTT-005	Medical Law and Ethics	Foundation	2	- And conference on the contract of the contra	40	0		0		100
	BOTT-007	Professionalism and values	Foundation			40	0				
Paper III	BOTT-011	Human Anatomy and Physiology Part-2	Foundation	And the second s	~~~~	20	0				
Annual and the second desired from the second second second second second	an amount of the second of the	multiplious ran-2	Common	2	2	40	60	80+80	0	20+20	200

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0.04.5		OT and Anaesthesia Technology directed clinical education- Part I (Studentship)	Specific		3		160	The state of the s			
Martin Commission (Commission Commission Com			Total			The section of the se					280
		3rd Semester									350
Paper I	BOTT-014	Pathology	Common	2		40	0.0				
Paper II	BOTT-018	Clinical Microbiology: Applied	Common	2			80	70	20	10	100
Paper III	BOTT-015	Medicine relevant to OT & Anaesthesia Technology	Specific	2		60	60	100	30	20	100
Paper IV	BOTT-016	Introduction to OT and Anaesthesia Technology: Principles of Anaesthesia	Specific	2	2	50	100	100	30	20	150
		OT and Anaesthesia Technology directed clinical education- Part II (Studentship)	Specific		2		160				TO U
			Total	erite de la companie	~	THE PERSON NAMED AND ADDRESS OF THE PERSON NAMED AND ADDRESS O			***************************************	and the second contraction of the contraction of th	The second second second second second
		4th Semester			*****************************						500
D T	DOPPER ON										
Paper I	BOTT-008	Biostatistics	Foundation	2	***************************************			35	0	1 6	****
Paper II	BOTT-017	Clinical Pharmacology	Specific	2	2	60	60	70	70	15	50
Paper III	BOTT-019	Introduction of OT & Anaesthesia technology: Basic techniques of Anaesthesia	Specific	l	0			100	30	60 20	150
		OT and Anaesthesia Technology directed clinical education- Part III (Studentship)	Specific	PARCENTANA NO SALAN ALANA JANA SALANA SA			180				100
			Total				***************************************	The State of the span was a substantial paper. Assurance	***************************************		
		5th Semester				and the state of t					400
Paper I	BOTT-008	Research Methodology	Foundation	2	0		M. de				
Paper II	BOTT-020	Basics of Surgical Procedure (including Robotics and Minimally invasive surgical	Physical Physics		0		50	35	0	15	50
		procedures)	Specific	2				70	25	30	125
Paper III	BOTT-021	CSSD Procedures	Specific	2	1			70		THE THE PARTY SHAPE SHAP	
Paper IV	BOTT-022	Advanced Anaesthesia Techniques	Specific	2	2			70	25	30	125
Paper V	BOTT-023	Basic Intensive Care	Specific	2	1			70	30	50	150
			Total	And	I .	and the second distribution of the second distri		70	30	50	150
		OT and Anaesthesia Technology directed clinical education- Part IV (Studentship)	A No No. 18.			errorrorrorrorrorrorrorrorrorrorrorrorro	110				600

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Local (State)	PINK

	6th Semester					The second secon		The second secon				
,	Paper I	BOTT-024	OT and Anaesthesia Technology (Advanced): Specialised surgery and Anaesthesia including Robotics and Minimally Invasive surgical procedures	Specific	2	1	50	50	150	30	20	200
	Paper II	BOTT-025	OT and Anaesthesia Technology (Applied): Electronics and technology in surgery and anaesthesia	Specific	2	1	50	50	150	30	20	200
\leq	Paper III	BOTT-026	OT and Anaesthesia Technology (Clinical)	Specific	2	1	50	50	150	30	20	200
Y				Total				ATTERNATION OF THE PROPERTY OF			- AND THE RESIDENCE OF THE PROPERTY OF THE PRO	600
ξ	and the control with some accessories decreased and accessories accessories decreased and accessories accessories accessories accessories accessories accessories accessories accessories accessories ac		OT and Anaesthesia Technology directed clinical education- Part V (Studentship)			-		110	***************************************	it direktioned the following between agendary professioners enemy, as	PT - MT -	
,	Remaining time after lectures and demonstrations will be divided into postings in various areas of department under supervision of technical staff / guest faculties for self directed learning and clinical education.						4		omana monator a uniquesta circulata circulata com		Andrew Comment of the	
5	Semester 7 & 8						an disability over the selection of the control of		***************************************			

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Course / Learning Objectives: At the completion of this course, the student should be -

- 1. Able to help the anesthesiologist in administering anesthesia, assist in various procedures and also help in continuous monitoring of patients during surgery.
- 2. Able to train and develop an individual to independently handle the latest technology and high end biomedical equipment in Operation Theatre
- 3. Able to assist anesthesiologists in developing and plummeting patient anesthesia care plans, including pre-operative, surgical theater, recovery room, and post-operative intensive care procedures.
- 4. Able to do- patient data collection, catheter insertion, airway management , assisting theadministration and monitoring of regional and peripheral nerve blockades, support therapy, adjusting anesthetic levels during surgery, inter-operative monitoring, postoperative procedures, pain clinics and patient education, and administrative tasks.
- 5. Able to manage medical gases and pipeline system
- 6 Able to assist surgical team in preparing various instruments and gadgets for surgery as well as looking after the maintenance e.g. Laparoscopy instruments, Instruments used in Robotics and other minimally invasive surgeries
- 7. Able to perform sterilization of various instruments prior to surgery and anaesthetic delivery
- 8. Able to assist in Intensive care unit
- 9. Able to manage Central sterile supply department

10. Able to assist during Disaster and emergency situations.

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Lt Col Varun Bajpai VSM
Executive Registrar
SGPGIMS, Lucknow

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Course Outcome

1. The Course prepares the operating theatre and anaesthesia technologist to work as a competent, reliable member of the health care team under the guidance and supervision of doctors in their delivery of patient care, training also focuses on the knowledge and skills of monitoring infection control policy and procedures in the

operating theatre.

2. Employment opportunities can be found in hospitals in both private and public

sectors as well as in independent trauma centres.

3. OTA graduate is encouraged to pursue further qualification to attain senior position in the professional field, also to keep abreast with the advance and new technology, the professional should opt for continuous professional education credits offered by

national and international institutes.

4. Provide trained paramedical manpower to various hospitals in both private and public sector who can work in Operation theatre and Intensive Care units.

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