

B.Sc. OPERATION THEATRE & ANESTHESIA TECHNOLOGY
CURRICULUM - ANNUAL PATTERN 2024-2025

S. No.	Course Category	Course Type	Course Code	Course Title	L	T	P	C	S	TCH /week	Total hours
I YEAR											
1	BMS	TP	HGH11001	Anatomy	2	0	4	8	2	6	180
2	BMS	TP	HGH11002	Physiology	2	0	4	8	2	6	180
3	BMS	TP	HGH11003	Biochemistry	2	0	2	6	2	4	120
4	BMS	TH	HGH11004	Basic nursing care & medical terminologies	2	0	0	4	1	2	60
5	BS	TP	HCA11001	Fundamentals of Computers	2	0	2	6	1	4	120
6	HS	TP	HLS11001	English and Communication Skills	2	0	1	4	1	3	90
7	VA	TH	HGH11008	Environmental Science & Sustainable Development	2	0	0	4	1	2	60
TOTAL					14	0	13	40	10	27	810

L-Lecture, T- Tutorial, P- Practical, C-Yearly Credits, S- Self study, TCH- Total Contact Hours

S. No.	Course Category	Course Type	Course Code	Course Title	L	T	P	C	S	TCH /week	Total hours
II YEAR											
1	BMS	TP	HOA11001	Clinical Pharmacology	2	0	2	6	2	4	120
2	BMS	TP	HOA11002	Pathology and Clinical Microbiology	2	0	2	6	2	4	120
3	BMS	TH	HOA11003	Medicine, Medical Law & Ethics	2	0	0	4	2	2	60
4	PC	TP	HOA11004	Subspecialty Anaesthesia I	3	0	2	8	2	5	150
5	BMS	TP	HOA11005	Basics of Anesthesia	3	0	2	8	2	5	150
6	HS	PR	HLS11002	English for Competitive Examination	0	0	2	2	0	2	60
7	PC	PR	HOA11400	Clinicals/ Theatres Postings I	0	0	9	6	0	9	270
TOTAL					12	0	19	40	10	31	930

L-Lecture, T- Tutorial, P- Practical, C-Yearly Credits, S- Self study, TCH- Total Contact Hours

S. No.	Course Category	Course Type	Course Code	Course Title	L	T	P	C	S	TCH /week	Total hours
III YEAR											
1	PC	TP	HOA11007	Sterilization Procedures	2	0	2	6	2	4	120
2	PC	TP	HOA11008	Principles of Anaesthesia	2	0	2	6	2	4	120
3	PC	TP	HOA11009	Subspecialty Anaesthesia II	2	0	2	6	2	4	120
4	PC	TH	HOA11010	Basic Intensive Care Techniques	1	0	0	2	1	1	30
5	PC	TH	HGH11005	Hospital and Patient Relation Management	2	0	0	4	1	2	60
6	BS	TP	HGH11009	Fundamentals of Research Methodology	2	0	2	6	1	4	120
7	BS	TH	HGH11006	AI in Healthcare	2	0	0	4	1	2	60
8	PC	PR	HOA11401	Clinicals/ Theatres Postings II	0	0	9	6	0	9	270
TOTAL					13	0	17	40	10	30	900

L-Lecture, T- Tutorial, P- Practical, C-Yearly Credits, S- Self study, TCH- Total Contact Hours

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S. No.	Course Category	Course Type	Course Code	Course Title	L	T	P	C	S	TCH /week	Total hours
IV YEAR											
1	SI	IN	HOA11800	Internship	#	#	#	20	#	#	#
2	RP	PJ	HOA11801	Project	#	#	#	20	#	#	#
TOTAL					#	#	#	40	#	#	#
L-Lecture, T- Tutorial, P- Practical, C-Yearly Credits, S- Self study, TCH- Total Contact Hours											
# - Compulsory Internship for one year in hospitals & the evaluation will be done at the end of the year											

TOTAL CREDITS FOR FOUR YEAR PROGRAMME		
S. No.	Year	No. of Credits
1	I	40
2	II	40
3	III	40
4	IV	40
TOTAL		160
COURSE TYPE		No. of Credits
Theory with Practical	TP	84
Theory	TH	22
Practical	PR	14
Internship	IN	20
Project	PJ	20
TOTAL		160
COURSE CATEGORY		No. of Credits
BMS	Basic Medical Science	50
VA	Value Added	4
HS	Humanities & Social Science	6
BS	Basic Science	16
PC	Professional Course	44
SI	Summer Internship	20
RP	Research Project	20
TOTAL		160

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HITS-IMAX Coordinator

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Dean SoHS

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Director - IQAC

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Dean Academics

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Vice Chancellor