

B.Sc. PERFUSION TECHNOLOGY
CURRICULUM - ANNUAL PATTERN 2025-2026

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	2	2	60
5	BMS	TH	HGH11007	Pharmacology	2	0	0	4	1	2	60
6	BS	TP	HCA11001	Fundamentals of Computers	2	0	2	6	1	4	120
7	HS	TP	HLS11001	English and Communication Skills	2	0	1	4	1	3	90
8	VA	TH	HGH11008	Environmental Science and Sustainable Development	2	0	0	4	1	2	60
TOTAL					16	0	13	44	12	29	870

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	HPF11001	Clinical Microbiology	2	0	2	6	2	4	120
2	BMS	TP	HPF11002	Surgery/ Equipment/ Anaesthesiology	2	0	2	6	2	4	120
3	BMS	TP	HPF11003	Obstetrics and Gynaecology	2	0	2	6	2	4	120
4	BMS	TP	HPF11004	Paediatrics and Geriatrics	2	0	2	6	2	4	120
5	BMS	TP	HPF11005	Medicine/ Medical Ethics/ Pharmacology	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	HPF11400	Clinical Postings I	0	0	9	6	0	9	270
TOTAL					11	0	21	40	10	32	960

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S. No.	Course Category	Course Type	Course Code	Course Title	L	T	P	C	S	TCH /week	Total hours
III YEAR											
1	PC	TP	HPF11006	Cardiology and Cardiac Surgery	2	0	2	6	2	4	120
2	PC	TP	HPF11007	Neurology	2	0	2	6	2	4	120
3	PC	TP	HPF11008	Nephrology and Pulmonology	2	0	2	6	2	4	120
4	PC	TP	HPF11009	Gastroenterology and Orthopaedics	2	0	2	6	2	4	120
5	PC	TH	HGH11005	Hospital and Patient Relation Management	2	0	0	4	1	2	60
6	BS	TH	HGH11006	AI in Healthcare	2	0	0	4	1	2	60
7	BS	TP	HGH11009	Fundamentals of Research Methodology	2	0	2	6	1	4	120
8	PC	PR	HPF11401	Clinical Postings II	0	0	6	4	0	6	180
TOTAL					14	0	16	42	11	30	900

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
IV YEAR											
1	SI	IN	HPF11800	Internship	#	#	#	20	#	#	#
2	RP	PJ	HPF11801	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	COURSE TYPE						No. of Credits		
1	I	44	Theory with Practical			TP			94		
2	II	40	Theory			TH			20		
3	III	42	Practical			PR			12		
4	IV	40	Internship			IN			20		
TOTAL		166	Project			PJ			20		
						TOTAL			166		
COURSE CATEGORY											
		COURSE CATEGORY						No. of Credits			
BMS	Basic Medical Science						62				
VA	Value Added						4				
HS	Humanities & Social Science						6				
BS	Basic Science						16				
PC	Professional Course						38				
SI	Summer Internship						20				
RP	Research Project						20				
TOTAL						166					

HITS-IMAX Coordinator

Dean SoHS

Director - IQAC

Dean Academics

Vice Chancellor