

B.Sc. NUCLEAR MEDICINE 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	HNM11001	Human Anatomy & Physiology	2	0	4	8	2	6	180
2	BMS	TP	HNM11002	Image processing Techniques	2	0	4	8	2	6	180
3	BMS	TP	HNM11003	Basic Physics & Nuclear Physics	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	HNM11004	Physics of Nuclear Medicine Instrumentation	2	0	4	8	2	6	180
2	BMS	TP	HNM11005	Radio chemistry & Radiopharmacy	2	0	4	8	2	6	180
3	BMS	TP	HNM11006	Nuclear Medicine Techniques & Special Procedures	2	0	4	8	2	6	180
4	PC	TP	HNM11007	Radiation Biology & Radiation safety in Nuclear Medicine	2	0	4	8	2	6	180
5	HS	PR	HLS11002	English for Competitive Examination	0	0	2	2	0	2	60
6	PC	PR	HNM11400	Clinical Postings I	0	0	9	6	0	9	270
TOTAL					8	0	27	40	8	35	1050

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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	HNM11008	Recent advances in Nuclear Medicine Techniques	3	0	4	10	2	7	210
2	PC	TP	HNM11009	Quality Assurance in Nuclear Medicine	3	0	4	10	2	7	210
3	PC	TH	HGH11005	Hospital and Patient Relation Management	2	0	0	4	1	2	60
4	BS	TH	HGH11006	AI in Healthcare	2	0	0	4	1	2	60
5	BS	TP	HGH11009	Fundamentals of Research Methodology	2	0	2	6	1	4	120
6	PC	PR	HNM11401	Clinical Postings II	0	0	9	6	0	9	270
TOTAL					12	0	19	40	7	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
IV YEAR											
1	SI	IN	HNMI1800	Internship	#	#	#	20	#	#	#
2	RP	PJ	HNMI1801	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	90
Theory	TH	16
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


HITS-IMAX Coordinator


Dean SoHS


Director - IQAC


Dean Academics


Vice Chancellor