

FACULTY OF ALLIED HEALTH SCIENCES
VINAYAKA MISSION'S RESEARCH FOUNDATION
CBCS Pattern Syllabus For B.Sc Nuclear Medicine Technology
For the students admitted from the academic year 2022 -2023 batch and onwards

S.No	COURSE CODE	COURSE TITLE	L	T	P/CR	C	Hrs/Sem
SEMESTER – I							
Theory							
1	BNMAEC01	General Psychology	2	0	0	2	30
2	BNMSEC01	To be chosen by student	2	0	0	2	30
3	BNMCT01	General Anatomy	4	0	0	4	60
4	BNMCT02	General Physiology	4	0	0	4	60
5	BNMCT03	General Biochemistry	4	0	0	4	60
Practical							
1	BNMCL01	General Anatomy	0	0	1	1	30
2	BNMCL02	General Physiology	0	0	1.5	1.5	45
3	BNMCL03	General Biochemistry	0	0	1.5	1.5	45
SEMESTER II							
Theory							
1	BNMAEC02	Basic Food and Nutrition	2	0	0	2	30
2	BNMSEC02	To be chosen by student	2	0	0	2	30
3	BNMCT04	General Microbiology	4	0	0	4	60
4	BNMCT05	General Pathology	4	0	0	4	60
5	BNMCT06	General Pharmacology	4	0	0	4	60
Practical							
1	BNMCL04	General Microbiology	0	0	1.5	1.5	45
2	BNMCL05	General Pathology	0	0	1.5	1.5	45
3	BNMCL06	General Pharmacology	0	0	1	1	30
SEMESTER III							
Theory							
1	BNMAEC03	Environmental Sciences	2	0	0	2	30
2	BNMSEC03	To be chosen by student	2	0	0	2	30
3	BNMCT07	Basic Physics of Nuclear Medicine	4	0	0	4	60
4	BNMCT08	Radiochemistry and Radiopharmacy	4	0	0	4	60
5	BNMCT09	Nuclear Medicine Techniques and Special Procedures I	4	0	0	4	60
Practical							
1	BNMCL07	Radiochemistry and Radiopharmacy	0	0	2	2	60
2	BNMCL08	Nuclear Medicine Techniques and Special Procedures I	0	0	2	2	60
SEMESTER IV							
Theory							
1	BNMSEC04	To be chosen by student	2	0	0	2	30
2	BNMCT10	Nuclear Physics	4	0	0	4	60

3	BNMCT11	Nuclear Medicine Instrumentation	4	0	0	4	60
4	BNMCT12	Nuclear Medicine Techniques and Special Procedures II	4	0	0	4	60
Practical							
1	BNMCR01	Clinical Rotation	0	0	8	8	240
SEMESTER V							
Theory							
1	BNMSEC05	To be chosen by student	2	0	0	2	30
2	BNMDSE01	Clinical Nuclear Medicine and Recent Advances	4	0	0	4	60
3	BNMDSE02	Image processing Techniques and medical imaging techniques	4	0	0	4	60
4	BNMDSE03	General principles of Hospital practice	4	0	0	4	60
Practical							
1	BNMCR02	Clinical Rotation	0	0	8	8	240
SEMESTER VI							
Theory							
1	BNMSEC06	To be chosen by student	2	0	0	2	30
2	BNMDSE04	Quality assurance in Nuclear Medicine	4	0	0	4	60
3	BNMDSE05	Biological effects of radiation and Radiation Safety	4	0	0	4	60
4	BNMDSE06	Patient care relevant to Nuclear Medicine	4	0	0	4	60
Practical							
1	BNMCR03	Clinical Rotation	0	0	8	8	240
Fourth Year							
Internship			0	0	20	20	600
Dissertation and Viva voce			0	0	6	6	180