

**Study and Evaluation Scheme of Two Year PG Program as Per NEP 2020
(With Effect From: 2025 – 26)**

M.Sc. 1st Year (1st Semester)

S. No.	Course Code	Course Title	Type of Paper	Periods Per Week			Evaluation Scheme				Subject Total	Credit	Total Credit	Attributes						SDG	
				CIE			UE			Employability				Entrepreneurship	Skill Development	Gender Equality	Environment and Sustainability	Human Values	Professional Ethics		
				L	T	P	CT	TA	CIE Total												ESE
THEORY																					
1	B010701T/ PY413	Advanced Mathematical Physics	Major	5	1	0	15	10	25	75	100	4:0:0	4	✓		✓					 4 QUALITY EDUCATION SDG 4
2	B010702T/ PY414	Quantum Mechanics	Major	5	1	0	15	10	25	75	100	4:0:0	4	✓		✓					 4 QUALITY EDUCATION SDG 4
3	B010703T/ PY415	Classical Mechanics	Major	5	1	0	15	10	25	75	100	4:0:0	4	✓		✓					 4 QUALITY EDUCATION SDG 4
4	B010704T/ PY416	Statistical Mechanics	Major	5	1	0	15	10	25	75	100	4:0:0	4	✓		✓					 4 QUALITY EDUCATION SDG 4
PRACTICAL																					
5	B010705T/ PY417	Advanced Physics Lab - I	Major	0	0	4	15	10	25	75	100	0:0:4	4	✓		✓					 4 QUALITY EDUCATION SDG 4
Total				20	4	4	75	50	125	375	500	20	20								

**Study and Evaluation Scheme of Two Year PG Program as Per NEP 2020
(With Effect From: 2025 – 26)**

M.Sc. 1st Year (2nd Semester)

S. No.	Course Code	Course Title	Type of Paper	Periods Per Week			Evaluation Scheme				Subject Total	Credit	Total Credit	Attributes						SDG			
							CIE			UE				Employability	Entrepreneurship	Skill Development	Gender Equality	Environment and Sustainability	Human Values		Professional Ethics		
THEORY																							
1	B010801T/ PY418	Condensed Matter Physics	Major	5	1	0	15	10	25	75	100	4:0:0	4	✓		✓						4 QUALITY EDUCATION	9 AFFORDABLE AND CLEAN ENERGY
2	B010802T/ PY419	Electrodynamics	Major	5	1	0	15	10	25	75	100	4:0:0	4	✓		✓						4 QUALITY EDUCATION	9 AFFORDABLE AND CLEAN ENERGY
3	B010803T/ PY420	Nuclear and Particle Physics	Major	5	1	0	15	10	25	75	100	4:0:0	4	✓		✓						4 QUALITY EDUCATION	9 AFFORDABLE AND CLEAN ENERGY
4	B010804T/ PY421	Advanced Electronics	Major	5	1	0	15	10	25	75	100	4:0:0	4	✓		✓						4 QUALITY EDUCATION	9 AFFORDABLE AND CLEAN ENERGY
PRACTICAL																							
5	B010805P/ PY422	Advanced Physics Lab - II	Major	0	0	4	15	10	25	75	100	0:0:4	4	✓		✓						4 QUALITY EDUCATION	9 AFFORDABLE AND CLEAN ENERGY
Total				20	4	4	75	50	125	375	500	20	20										