

PHYSICS

Programme: M.Sc (Physics)

Semester : I

Year : July 2017

(as per the new curriculum)

Course code	Course Name	L-T-P	C	Prerequisites
PH 401	Mathematical Physics-I	3-1-0	4	None
PH 402	Classical Mechanics	3-1-0	4	None
PH 403	Quantum Mechanics-I	3-1-0	4	None
PH 404	Basic Analog and Digital Electronics	3-0-0	3	None
PH 421	Computational Programming	1-0-2	2	None
PH 481	Physics Laboratory-I	0-0-6	3	None

Programme: M.Sc (Physics)

Semester : III

Year : July 2017

Course Code	Course Name	L-T-P	C	Prerequisites
PH 501	Atomic and Molecular Physics	3-1-0	4	None
PH 502	Applied Optics	3-0-0	3	None
PH 503	Condensed Matter Physics II	3-1-0	4	None
PH 581	Physics Laboratory-III	0-0-6	3	None
----	Elective-I	3-0-0	3	None
----	Elective-II	0-0-6	3	None
PH571	Project-I	0-0-4	2	None

Electives	Course Code	Course Name	L-T-P	C	Prerequisites
Elective-I	PH 532	Numerical Methods & Computational Physics	3-0-0	3	None
Elective-II	PH 534	Computational lab	0-0-6	3	PH 532