

Program name : M.Sc. Physics (One year Program)

Program Name: M.Sc. Physics (One year Program)			Credit Distribution					Type of Course																
SNo	Seme	Course title	Credits	lecture	Tutorial	Practical	Self Study	Core	Elective	Multi Disciplinary	SEC	VAC	AEC	Project	Minor	Internship	Prerequisite	Mandatory	Audit	CIE (100)	SEE (100)	Remark		
1	I	Quantum Mechanics II	4	4	0	0	0	4	0	0	0	0	0	0	0	0	-			100	100			
2	I	Semiconductor Electronics	4	4	0	0	0	4	0	0	0	0	0	0	0	0	-			100	100			
3	I	Applied Numerical Methods	4	3	0	1	0	4	0	0	0	0	0	0	0	0	-			100	100			
4	I	Electrodynamics	4	4	0	0	0	4	0	0	0	0	0	0	0	0	-			100	100			
5	I	Solid State Physics	4	4	0	0	0	4	0	0	0	0	0	0	0	0	-			100	100			
6	I	Materials Science	4	4	0	0	0	4	0	0	0	0	0	0	0	0	-			100	100			
7	I	Campus to Corporate	3	0	0	0	0	0	0	3	0	0	0	0	0	0	-			100	100			
8	II	Elective-1	4	4	0	0	0	0	4	0	0	0	0	0	0	0	-			100	100			
9	II	Elective-2	4	4	0	0	0	0	4	0	0	0	0	0	0	0	-			100	100			
10	II	Atomic and Molecular spectroscopy	5	4	0	1	0	5	0	0	0	0	0	0	0	0				100	100			
11	II	Advanced Nuclear Physics	4	4	0	0	0	4	0	0	0	0	0	0	0	0	-			100	100			
		Total	44					33	8	3	0	0	0	0	0	0								

Electives M.Sc. Physics (One year Program)

Electronics Physics (One year Program)																						
SNo	Semester	Course title	Credits	Credit Distribution				Type of Course											CIE (100)	SEE (100)	Remark	
				Lecture	Tutorial	Practical	Self Study	Core	Elective	Multi Disciplinary	SEC	VAC	AEC	Project	Minor	Internship	Prerequisite	Mandatory				Audit
1	II	Microwaves and Antenna Propagation	4	4	0	0	0	0	4	0	0	0	0	0	0	0	-			100	100	
2	II	Electronic devices and communication systems	4	4	0	0	0	0	4	0	0	0	0	0	0	0	-			100	100	
3	II	Nanomaterials and Applications	4	4	0	0	0	0	4	0	0	0	0	0	0	0	-			100	100	
4	II	Nuclear Detectors	4	4	0	0	0	0	4	0	0	0	0	0	0	0	-			100	100	