

Faculty of Science & Humanities

Program Name: Master of Science (M.Sc.) (Physics)

Program Code: SC205

Semester : 3

Effective from Academic Year: 2022-23

Subject Code	Subject Name	Credit	Hours per week				Theory (Marks)				Practical(Marks)				Total (Marks)
			L	T	P	Total	University Assessment		Continuous Assessment		University Assessment		Continuous Assessment		
							Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	
1SC2050301	Advanced quantum physics	4	4	--	--	4	24	60	16	40	--	--	--	--	100
1SC2050302	Nano science and thin film	4	4	--	--	4	24	60	16	40	--	--	--	--	100
1SC2050307	Practical	8	--	--	8	8	--	--	--	--	48	120	32	80	200
Select any one subjects group															
1SC2050303	Crystollography and Material Science	4	4	--	--	4	24	60	16	40	--	--	--	--	100
1SC2050304	Magnetic and optical properties of condensed matter Physics	4	4	--	--	4	24	60	16	40	--	--	--	--	100
OR															
1SC2050305	Microwave communication: Electronic and Technology	4	4	--	--	4	24	60	16	40	--	--	--	--	100
1SC2050306	Microprocessors, Programming, Interfacing & Applications	4	4	--	--	4	24	60	16	40	--	--	--	--	100
Total		24	16	0	8	24									600

Note (If any): 1.Select any one subjects group from (1SC2050303 & 1SC2050304) OR (1SC2050305 & 1SC2050306)

2.Subjects 1SC2050301, 1SC2050302 & 1SC2050307 are compulsory.