

Faculty of Science & Humanities

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

Program Code: SC205

Semester: 4

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.	
1SC2050401	Nuclear and Particle Physics	4	4	--	--	4	24	60	16	40	--	--	--	--	100
1SC2050402	Advanced Experimental & Characterization Techniques	4	4	--	--	4	24	60	16	40	--	--	--	--	100
1SC2050407	Practical	8	--	--	8	8	--	--	--	--	48	120	32	80	200
Select any one subjects group															
1SC2050403	Applied Crystallography and Bio Physics	4	4	--	--	4	24	60	16	40	--	--	--	--	100
1SC2050404	Crystal Growth and Imperfections in Solids	4	4	--	--	4	24	60	16	40	--	--	--	--	100
OR															
1SC2050405	Signal Processing and Satellite Communication	4	4	--	--	4	24	60	16	40	--	--	--	--	100
1SC2050406	Analog and digital electronics	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 (1SC2050403 & 1SC2050404) OR (1SC2050405 & 1SC2050406)

2.Subjects 1SC2050401,1SC2050402 & 1SC2050407 are compulsory.