

ASSAM DON BOSCO UNIVERSITY
SCHOOL OF FUNDAMENTAL AND APPLIED SCIENCES
DEPARTMENT OF PHYSICS
Modified Course Structure/Syllabus in SPRING 2019

MASTER OF SCIENCE – PHYSICS

Semester	Category	Course Name	Course Code	Credits	
IV	DC	Statistical Mechanics	PSSM0034	4	
	DC	Project Phase II	PSPR6012	6	
	DC	Study Tour	PSST6016	P/NP	
	Specialisation: High Energy Physics				
	DE	Gauge Theories	PSGT0043	4	
	DE	General Theory of Relativity and Cosmology	PSGR0044	4	
	Specialisation: Astrophysics				
	DE	Astrophysics	PSAR0045	4	
	DE	General Theory of Relativity and Cosmology	PSGR0044	4	
	Specialisation: Plasma Physics				
	DE	Plasma Physics II	PSPM0046	4	
	DE	Plasma Physics Laboratory	PSPM6013	4	
	Specialisation: Electronics				
	DE	Electronics III	PSER0047	4	
	DE	Electronics Laboratory	PSEL6014	4	
	Specialisation: Nanophysics				
	DE	Nanophysics III	PSNY0048	4	
	DE	Nanophysics Laboratory	PSNY6015	4	
Total Credits				18	

PSST6016: STUDY TOUR

Study Tour is a mandatory non-credited course to be taken up in the final semester of M.Sc. (physics) with an objective to provide students an exposure to higher studies and research in physics in other reputed institutes of the county. The study tour will not be of less than 2 days and will not exceed 14 days. During the tour, the focus will be on visiting different higher educational institutes and/or research institutes. A report will be submitted and a presentation will be given at the end of the tour by each student based on which he/she will be declared "Pass"/"No Pass" in the course.