

B.Sc. Programme

B. Sc. Programme in Physics (Honors) (CBCS)

Programme Specific Outcome

In this B.Sc. programme students are taught the fundamentals of various branches of physics so that the students have a foundation in physics required for future educational and career challenges

SEM	PAPER	Course TITLE	Credits T+P	Page No.
F. Y. B. Sc.				
I	PYC101	Section 1 :Mathematical methods & Mechanics	2+1	
		Section 2 :Electrical circuit theory	2+1	
I	PYG101	Basic Physics (GE)	4	
II	PYC102	Section 1 :Heat and Thermodynamics	2+1	
		Section 2 :Properties of Matter & Acoustics	2+1	
II	PYG102	Optics and Instrumentation (GE)	4	
S. Y. B. Sc.				
III	PYC103	Section 1: Waves & Oscillation	2+1	
		Section 2 : Electronics	2+1	
III	PYS101	Network Analysis (SEC)	3+2	
IV	PYC104	Section 1: Optics	2+1	
		Section 2: Modern Physics	2+1	
IV	PYS105	Electrical and Electronic Instrumentation (SEC)	3+2	
T. Y. B. Sc.				
V	PYC105	Section 1: Classical Mechanics	2+1	
		Section 2: Thermal Physics	2+1	
	PYC106	Analog and Digital Electronics	4+2	
	PYC107	Mathematical Physics &Electromagnetic Theory I	4+2	
	PYD101	Quantum Mechanics	4	
	PYD103	Solid State Physics	3+1	
VI	PYC108	Atomic and Molecular Physics	4+2	
	PYC109	Solid State Devices and Instrumentation	4+2	
	PYC110	Electromagnetic Theory II & Theory of Relativity	4+2	
	PYD106	Nuclear Physics	4	
	PYD109	Project	4	