

► **Establishment Detail**

Under Graduate (B.Sc.) Physics – From June 1965

Post Graduate (M.Sc.) Physics – From June 1982

► **Courses Offered**

Program level	Name of the Course	Duration
Under Graduate:-	B. Sc.(CBCS)	3 Years
Post Graduate :-	M. Sc.(CBCS)	2 Years
Short Term Course	Certificate Course	3 Months

Sr. No.	Name of the Program	Courses offered	Coursecode	Courses offered	Course code
1.	B.Sc.	Sem-V		Sem-VI	
		Mathematical Methods in Physics-II	PH-331	Solid State Physics	PHY-361
		Electrodynamics	PHY-352	Quantum Mechanics	PHY-362
		Classical Mechanics	PHY-353	Thermodynamics and Statistical Physics	PHY-363
		Atomic and Molecular Physics	PHY-354	Nuclear Physics	PHY-364
		Computational Physics	PHY-355	(B) Advanced Electronics	PHY-365
		Elective- I Elements of Materials Science	PHY-356(B)	Elective- II Lasers	PHY-366(S)
		Physics Laboratory-3A	PHY-357	Physics Laboratory-4A	PHY-367
		Physics Laboratory-3B	PHY-358	Physics Laboratory-4B	PHY-368
		Project- I	PHY-359	Project-II	PHY-369
		Skill Enhancement Course-I Energy studies	PHY-3510(I)	Skill Enhancement Course-III Applications of Internet of things (IOT)	PHY-3610(Y)
		Skill Enhancement Course-II Physics Workshop Skill	PHY-3511(L)	Skill Enhancement Course-IV Microcontrollers	PHY- 3611(AA)

2.	M.Sc. I	Sem I		Sem II	
		Mathematical Methods in Physics	PHCT-111	Electrodynamics	PHCT-121
		Classical Mechanics	PHCT-112	Atoms and Molecules	PHCT-122
		Electronics	PHCT-113	Quantum Mechanics	PHCT-123
		Choice Based Optional Paper- I Lasers and Applications	PHOT-114C4	Choice Based Optional Paper- II Physics of Semiconductor Devices	PHOT-124D4
		Physics Lab-I	PHCP-115	Physics Lab-II	PHCP-125
3	M.Sc. II	Sem III		Sem IV	
		Statistical Mechanics	PHCT-231	Nuclear Physics	PHCT-241
		Solid State Physics	PHCT-232	Experimental Techniques in Physics -II	PHCT-242
		Experimental Techniques in Physics - I	PHCT-233	Choice Based Optional Paper- IV Physics of Thin Films	PHOT-243A4
		Choice Based Optional Paper- III Energy Studies- I	PHCT-234H4	Choice Based Optional Paper- IV Energy Studies– II	PHOT-244H4
		Physics Laboratory - III	PHCP-235	Project	PHCP-245