




## Department of Physics

Physics is common to three of the courses namely MPC, MPCs, MPG. Physics is the natural science which examines basic concepts such as mass, charge, matter and its motion and all that derives from these, such as energy, force, and space time. More broadly, it is the general analysis of nature, conducted in order to understand how the world and universe behave. Over the last two millennia, Physics had been considered synonymous with Philosophy, Chemistry, Computer Science and certain branches of Mathematics and Biology, but during the Scientific Revolution in the 16th century, it emerged to become a unique modern science in its own right.

**The graduation programme in physics includes:** Waves and Mechanics, Optics, Thermo Dynamics, Solid State Physics, Electromagnetic theory **and** Basic electronics

Sno	Name of the Faculty	Qualification	Area of Interest	Photo
1	Y.Srinivas,HOD	MSc,Mphil(PhD)	Nano Physics	
2	T.Susneha	MSc(PhD)	Quantum theory	
3	G.Alekhya	MSc(Physics)	Thermo Dynamics	
4	K.Rajitha	MSc(Physics)	Solid State Physics	

## Higher Education and Employment Opportunities in Physics

All Central Universities and leading State Universities offer Post Graduate and Doctoral programme in Physics. Several leading private universities also offer master's in Physics. The teaching of Physics in distance education mode at graduation, post-graduation and doctoral level is offered by IGNOU and several other universities recognized by Distance Education Council. Post graduate and doctoral programme in Physics is also offered by all IITs, IISc., TIFR and JNU. Admission to these programmes is through Joint Admission Test to M.Sc (JAM) or through Institute level entrance tests/interviews.