

## **Department of physics**

### **Course outcomes for physics**

- The bachelor of science in physics course provides the candidate the required knowledge, general competence and analytical skills on a moderate level, needed in industry, education, in some research and in public administration.
- The students would gain substantial knowledge in various branches of Physics like electronics, quantum mechanics, classical mechanics, condensed matter physics, statistical mechanics, particle physics, atomic and nuclear physics, nano science.
- Classical physics gives the knowledge about laws of physics like Newton's laws of motion which is behavior of actual motions of macro-particles also the Kepler's laws of planetary motion gives the information about the planetary motions and how we prevent the earth from various calamities comes from space.
- Would learn use of mathematical tools in solving the physical problems and give data to analyze and help us to solve various physical difficulties.
- The course as a whole opens up several career doors for the students interested in various areas of science and technology in private, public and government sectors.
- Students may get opportunities in higher education in respective branches of physics that is physical chemistry, master of science in physics, etc.
- Students get the actual knowledge by intellectual studies and MOU's how the actual work done in institutions like weather forecasting, power stations, some science museums, etc.
- Students get the theoretical and practical knowledge about electronics through which they can start business of electronic instruments. Also gives the opportunities to electronics products factories.
- Students are able to make a stand survive in this competitive environment and competitive with world.
- Students would gain practical knowledge about electricity and magnetism and measurement such as voltage, resistance and current etc.
- The students would gain the knowledge about basic electronic circuits, network theorems and measuring instruments.
- To motivate the students to pursue PG courses in reputed institutions.