

PROGRAMME SPECIFIC OUTCOMES (PSOs)

After successful completion of 3-Year: 6-Semester Honours Programme in Physics General a student should be able to achieve the following:

PSO1	Knowledge: Students would gain theoretical and practical knowledge about electricity and magnetism and measurements such as: Resistance, Voltage, current etc.
PSO2	Development of the skills: Students would gain the various practical problems solving methods related to Quantum Mechanics would be learned by students.
PSO3	Mathematical tools and Application: Students Would learn use of mathematical tools in solving complex physical problems and have the solid background and experience required to model, analyze, and solve advanced problems in physics.
PSO4	Research Aptitude: Students Would also get some research oriented experience by doing theoretical and experimental practical in the last semester under the supervision of faculty.
PSO5	Scientific Awareness: Physics programme provides the candidate the required knowledge, general competence, and analytical skills on an advanced level, needed in industry, consultancy, education, research, or in public administration.
PSO6	Higher Education & Employability: Students may get job opportunities in higher education, research organizations, physics consultancy, radiology, radiation oncology and many others. Some of the institutions where physics students can start their carrier are: BARC, DRDO, NPTC, IISc, ISRO, ONGC, BHEL, PRL, NPL, SINP, VECC, IITs, NITs, IIPR etc.