Department of Physics

1) The syllabi are framed in such a way that it bridges the gap between the plus two and post graduate levels of Physics by providing a more complete and logical framework in almost all areas of basic Physics.

2) By the end of the first year (2nd semester), the students should have attained a common level in basic mechanics, Optics, Heat and Thermodynamics and Electricity and Magnetism. They were developed their experimental and data analysis skills through experiments at laboratories.

3) By the end of the second year (4thsemester), the students should have been introduced to powerful tools for tackling a wide range of topics in, Modern Physics, General electronics, Mathematical and Statistical Physics and Solid State Physics They develop their experimental and data analysis skills through a wide range of experiments through practical at laboratories.

4) By the end of the third year (6th semester), the students should have developed their understanding of core Physics by covering a range of topics in almost all areas of physics including Classical and Quantum Mechanics, Electrodynamics, Laser, Fiber optics, semiconductor devices and Non-conventional Energy Sources.

5) They had experience of independent work such as projects; seminars etc. The experimental skills were developed through a series of experiments. Students will design and conduct an experiments and processes. Students will demonstrate an understanding of the impact of physics on Society.