

## PHYSICS LAB DESCRIPTION





**The physics lab is to understand some basic phenomena they have studied in the Engineering Physics course and to develop the experimental skills of the students. It is in the laboratory that physics students learn to practice the activities of scientists - asking questions, performing procedures, collecting data, analyzing data, answering questions, and thinking of new questions to explore.**

**The laboratory is adequately equipped with optical instruments like travelling microscope, spectrometer, polarimeter, sodium vapor lamp and mercury vapor lamp, other devices like Melde's string apparatus to find the frequency through electrical vibrations, advanced Optical fiber trainer kits which help the students to analyze the numerical aperture. This laboratory is sufficiently equipped with electrical devices like CRO, laser and various power energy and VSWR meters. This laboratory also equipped with Signal generating and measuring instruments and active and passive components.**

**We provide good work space of 156.55 square meter .It is well furnished with instrument tables, seating stools and tabulation area.**



## CHEMISTRY LAB DESCRIPTION



**The chemistry lab is to understand and practice different techniques that the students have studied in their engineering chemistry course. It helps to develop the experimental skills of the students.**

**Students are made to use various equipments and perform experiments with different techniques and analysis. The laboratory is adequately equipped with deionizer, pensky martens apparatus, common balances, hot air oven, electronic balance,  $p^H$  meter, glass wares.**

**We endeavor to provide quality instruction and opportunity to acquire knowledge in the concept of chemistry for engineering application. It is in the laboratory that chemistry students learn to practice the activities of researchers –asking questions ,performing procedures ,collecting data ,analyzing data ,answering questions and thinking of new questions to explore.**

**The chemistry lab will help students to take on a professional role that involves aspects of chemical industry and enable students to communicate and collaborate more effectively with scientists .**

**We provide good work space of 152.51 square meter. It is well furnished with instrument tables**