

DEPARTMENT OF BASIC SCIENCES AND HUMANITIES:

First year labs:

PHYSICS LABS: The College has two Physics laboratories: General Physics Lab and Optics Lab. Both the labs together have sufficient equipment in ample number of kits to perform all the experiments prescribed by the University. Each of the Physics lab's area is 66 Sq. m.



ENGINEERING CHEMISTRY LABORATORY: The College has two well-furnished and spacious Chemistry labs, sufficient to perform all the experiments as prescribed by the University. They are General Chemistry Lab and Instrumental chemistry lab.

General Chemistry Lab: This lab is exclusively used for quantitative measurements, volumetric analysis, complex metric titrations.

Instrumental chemistry lab: Instrumental techniques such as Conductometry, Colorometry, Potentiometry and physical properties such as viscosity are elaborately demonstrated in this lab.



ENGLISH LANGUAGE LABS: The College has two English Language Labs, English language communication skills lab and advanced English communication skills lab.

English language communication skills lab:

ELCS LAB for the First B. Tech students is equipped with personal headsets along with multi media. The lab has sufficient equipment to perform all the tasks. The language lab focuses on the production and practice of sounds of language and familiarizes the students with the use of English in everyday situations and contexts.

Objectives:

1. To expose the students to a variety of self-instructional, learner-friendly modes of language learning.
2. To help the students cultivate the habit of reading passages from the computer monitor, thus providing them with the required facility to face computer based competitive exams such as GRE, TOEFL, and G-MAT etc.
3. To enable them to learn better pronunciation through stress on word accent, intonation and rhythm.
4. To train them to use language effectively to face interviews, group discussions, public speaking.
5. To initiate them into greater use of the computer in resume preparation, report writing.



ENGINEERING WORKSHOP: Engineering work shop is established as per syllabi to prepare different models with wood, iron and different electrical connections. Equipment and cost are as follows.

Name of the Equipment
Fitting trade: iron pieces, square files, rough files, smooth files, dot punch, surface plate, marking tools, bench vices.
Carpentry: consist of wooden pieces, jack planes, wood rough files, try squares, marking tools., bench vices
House wiring: wires bulbs, board with different connections
Foundry: sand, foundry set, moulding boxes, models.
SHEET METAL: TRYSQUARE SHEET, CUTTERS

