

Name of the Lab: - Chemistry lab.

Major equipment in Lab

Sr. No.	NAME OF THE INSTRUMENT	QUANTITY	PRICE
1	DISTILLATION PLANT	1	3850
2	HOT AIR OVEN	1	13500
3	DIGITAL WEIGHING BALANCE	1	27500
4	DIGITAL PH METER	1	5800
5	DIGITAL CONDUCTIVITY METER	1	5800
6	ELECTRONIC WEIGHING BALANCE	1	6000
7	THERMOSTATIC/WATERBATH	1	5250
8	FIRE EXTINGUISHER	2	2000
9	MAGNETIC STIRRER	1	4000
10	REDWOOD VISCOMETER	1	13275
11	CLEVENLAND OPEN CUP APP.	1	14761
12	ABELS FLASH POINT APP.	1	14751
TOTAL			116487



Name of the Lab: - Physics Lab

Major equipment in Lab

Sr. No.	NAME OF THE INSTRUMENT	QUANTITY	PRICE
1	YOUNG'S MODULUS	3	3330
2	TRAVELING MICROSCOPE	8	35583
3	STOKES TUBE	3	3678
4	PLUNGER APP.	4	2227
5	BATTERY ELIMINATOR	2	1316
6	BAR PENDULUM	2	810
7	SPRING CONSTANT	4	3978
8	VERNIER CALIPER	18	1612
9	P-N JUNCTION	3	4638
10	He-Ne LASER	1	19475
11	THERMOCOUPLE APP	3	8383
12	RHEOSTAT	4	2184
13	PLATINUM RESISTANCE	2	5265
14	OPTICAL BENCH	1	2835
TOTAL			95,314



Name of the Lab: - Language lab

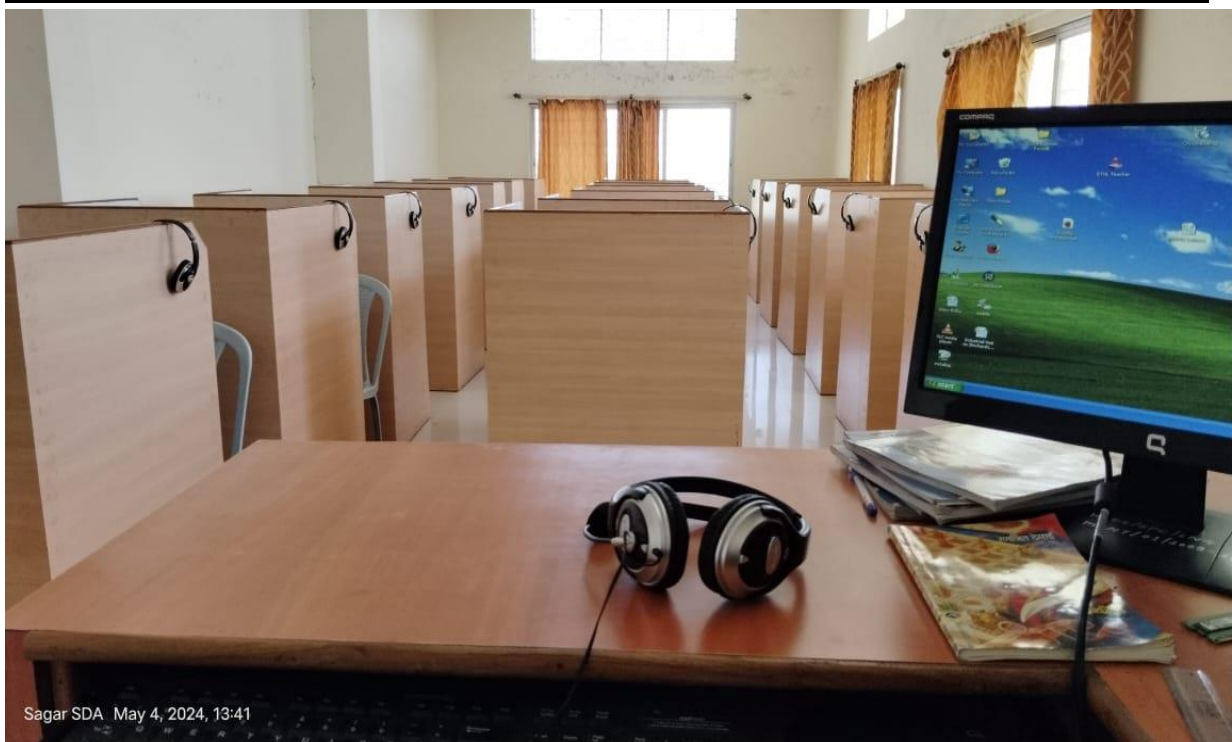
Based on today's requirement of industry it is very much important for students to develop their communication skill and personality. Basic aim for creating language Lab is to build confidence-building among students for interactions and presentations in English. So a Language lab is created in college for students to practice the language with much wider variety of practice and exercises based on computers. Learning occurs in a structured way, in a real context and visually attractive way that immerses the student in the language learning environment and promotes language use.

Department of Mechanical Engineering has well equipped Language Lab with availability of 20 Computers all are in LAN Switch. Also it contains 20 numbers of headphones. Language lab has ETNL 3.0 Software for the use of students. Department have prepared a batch of size of 20 students so that individual student can get computer for handling (Student Computer Ratio is 1:1).

Language Lab contains **Six English Grammar CD, Two Personality Development CD and One Dictionary CD**. Also the students can access audio or audio-visual materials. They allow a teacher to listen to and manage student audio, which is delivered to individual students through headsets or in isolated 'sound booths. This study material is available in college hours i.e. from 09.00am to 5.00am.

One faculty member is involved in helping students to use the lab. Apart from the guidance given in the subject there is one lab In charge to take care of the technical aspect of the lab.

Sr. No.	Skill	Resources Available	No. of CD
1	Vocabulary	ETNL Language Lab Software3.0 (28Modules)	CD1
2	Expressions	ETNL Language Lab Software3.0 (28Modules)	CD1
3	Spoken English	ETNL Language Lab Software3.0 (28Modules)	CD1
4	Presentation Skills	Video of Presentations	CD1-CD5
5	Body Language	CDs on Personality Development and Soft Skills	2CD
6	Listening Skills	CDs on Enhancing Listening & Conversational Skills.	CD1-CD6



Activities conducted

- Make posters depicting different aspects of body language & write an assignment on the same
- Role play or Skit presentation (4to 5 students)
- Diagrammatical representation of communication cycle using 8 to 10 different communication situations and stating the different elements involved in it.
- Graphical communication using pie chart and bar graph.
- Describing 2 technical objects.
- Group Discussion, Job Interviews, Body Language & Presentations.