

#### **4.4.2 Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc**

##### **Laboratory Facilities:**

###### **COMMUNICATION LABORATORY:**

###### **Objectives**

- To equip students of engineering and technology with effective speaking and listening skills in English.
- To help them develop their soft skills and personality traits, which will make the transition from college to workplace smoother and help them to excel in their jobs?
- To enhance students' performance during placement interviews, Group Discussions and other recruitment exercises.

###### **Salient Features of the Lab**

- A sophisticated and decorated lab with wooden wall-panel.
- Digital Home-theatre speaker systems & Roof - speakers with studio - master and woofer.
- Head - phone for each student.
- Networking of all systems with Teachers Console system.
- Monitoring and supervising the lab practical's by the lecturers in English.

###### **PHYSICS LABORATORY**

The Physics department has a well equipped laboratory, to provide an experimental foundation for theoretical concepts in the lectures. It is important that students have an opportunity to verify some of the ideas for themselves. We implement the upgraded syllabus of the Anna university practical oriented experiments. The well equipped electrical, thermal and diffracted pattern of following instruments is being used.

- Meter bridge
- Band gap
- Thermal conductivity-lee's disc
- Spectrometer
- Laser

## **CHEMISTRY LABORATORY**

The Chemistry department has a well equipped laboratory, to provide an experimental foundation for theoretical concepts in the lectures. It is important that students have an opportunity to verify some of the ideas for themselves. Chemistry department has facilities for conducting analytical work, chemical investigation of water analysis like hardness, alkalinity dissolved oxygen, PH and analysis of metals. Instruments like

- Flame photometer
- Spectrophotometer
- Potentiometer
- PH meter
- Conductivity meter etc.,

### **Class Room Facilities**

Technology needs to be integrated into teaching and learning process and the Institution has done the best to ensure it in these well equipped classrooms. Technology has been deployed for better student-teacher interaction, productivity and communication. It makes teaching and learning simpler and enjoyable.

- Lecture Halls
- Tutorial Rooms
- Seminar Hall
- Conference Hall

### **Teaching Aids**

<b>ITEMS</b>
White Board
Green Glass Board
Over Head Projector
LCD Projector
Display Charts
Digital Take Note (Shared)

### **Library Facilities:**

The library transactions are carried out by Bar code Technology. It has the facility of Web OPAC- online search. So the library catalogue can be accessed through internet. The library is being subscribed to the E-resources.

The library functions from 8:00 A.M. to 8:00 P.M. on all working days.

## **Sports facilities:**

- The college provides varied extra-curricular activities in Sports for training the students in Physical Education & Gymnasium for both hostlers and day-scholars.
- The college offers free admission for the students to practice sports and athletics in the non-working days.
- We offer regular and standard coaching for the students through qualified Physical Director & qualified Physical Trainee team of faculties.