

Facilities for alternate sources of energy and energy conservation measures

CBIT (A), Hyderabad has made the campus facilities for alternate & Conservation measures for energy

1. A Roof top solar power generation unit of 10 KW capacity is installed in the institute to generate electrical energy from alternate sources



Solar Panels Installed in the campus

2. A Bio-Gas plant which is installed in the institution near the canteen for the management of food waste.



Solar Power Automatic Street Lights

3. Solar energy generated in the institute is abled connected to grid.

4. Energy is conserved by installing suitable sensor circuits for the following

- Sensor based Drinking water taps
- Solar powered automatic street lights
- Lighting control in Class rooms and conference hall
- Overhead tank switch control



Bio-Gas Plant & Solar Circuit connection

5. Most of the lighting loads are conventional. As a measure of energy conservation, old conventional lights are being replaced by LEDs.



Use of LED Lighting