SHRI R.L.T. COLLEGE OF SCIENCE, AKOLA

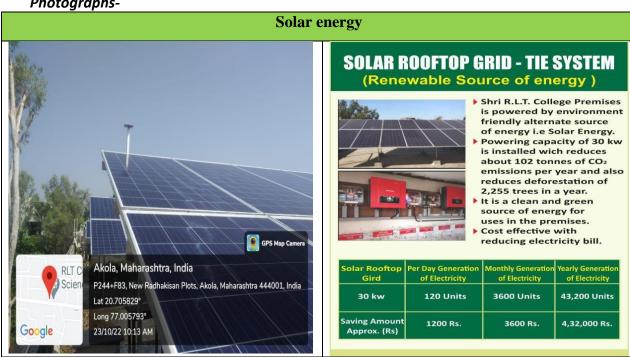
Facilities for alternate sources of energy and energy conservation measures **2022-23**

7.1.2

Shri R.L.T. College of Science, Akola has following facilities and initiatives for Alternate sources of energy conservation measures:

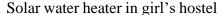
- i. Solar energy
- ii. Biogas plant
- iii. Sensor-based energy conservation- Water tank overflow alarm system installed at three places in college campus.
- iv. Use of LED bulbs/ power efficient equipment

Photographs-



Solar panels of 18 kw and 12 kw on college main building







Solar panels of solar based LED lights





Biogas plant in Girl's hostel

Chart of Biogas plant installed

Sensor-based energy conservation



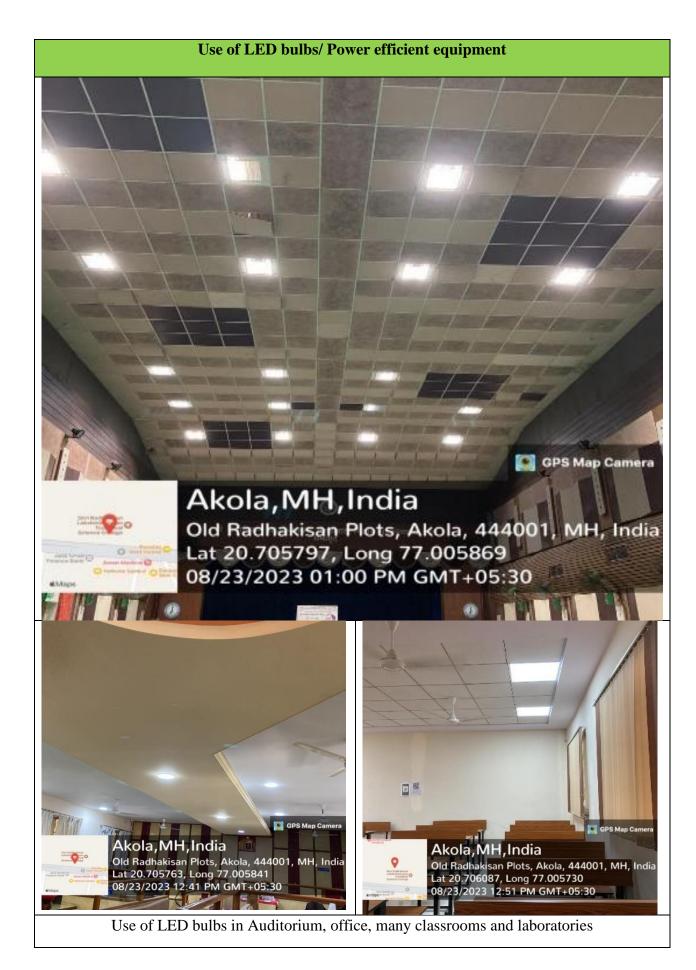




Water tank overflow alarm system.mp4

 $\underline{https://youtube.com/shorts/U3WMCAmT6tw}$

Sensor-based energy conservation: Water tank overflow alarm system installed at three places in college campus.



Power efficient equipment





Microwave Oven in Chemistry Laboratory.

Bacteriological Incubator in Microbiology Laboratory





Power saving refrigerators in various laboratories
