



MAHATHI COLLEGE
for Innovation Learning

MAHATHI COLLEGE OF PHARMACY

(Approved by AICTE, PCI, New Delhi & Affiliated to JNTUA, Ananthapuramu)

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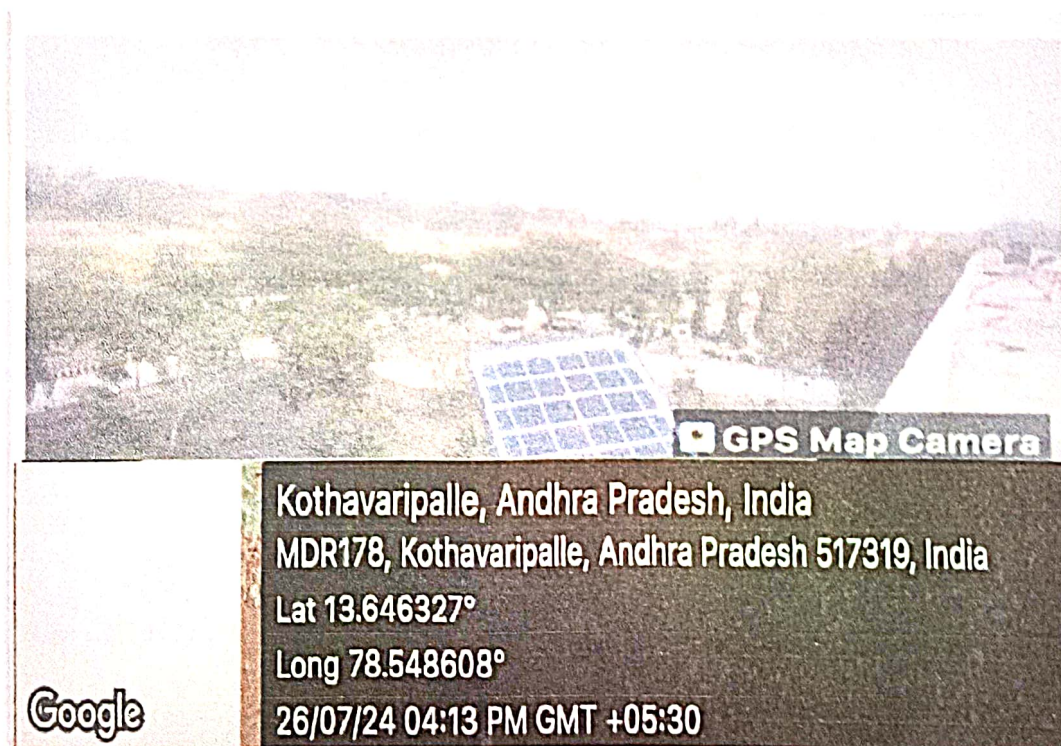
**7.1.2 - The Institution has facilities for
alternate sources of energy and energy conservation
measures -2023-24**

7.1.2 The Institution has facilities for alternate sources of energy and energy conservation measures

1. Solar energy
2. Bio gas plant
3. Sensor-based energy conservation
4. Use of LED bulbs

1. Solar energy

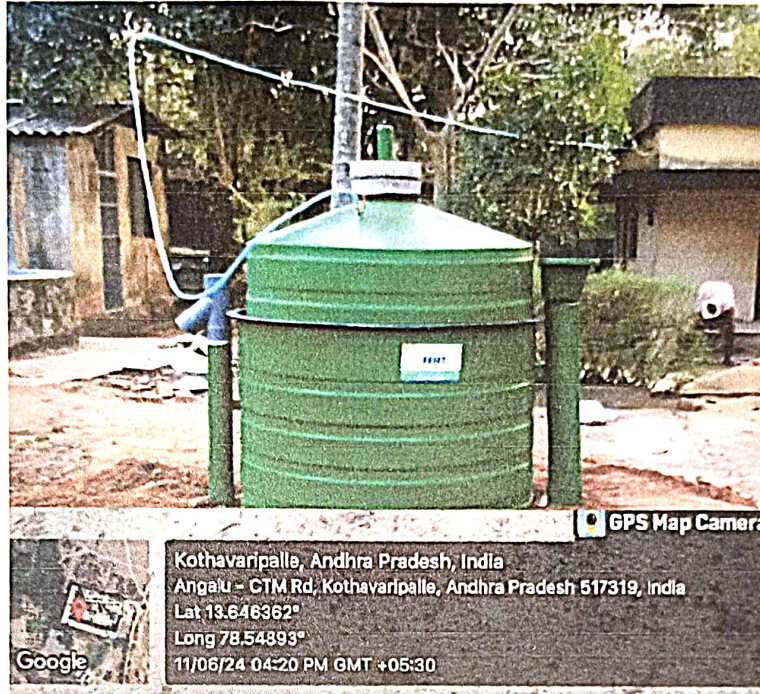
Installing solar panels enables the institution to run with clean energy while at the same time combatting with greenhouse gas emissions and global warming. The solar energy also saves the utilization of electricity procuring from outsource.



2. Bio gas plant

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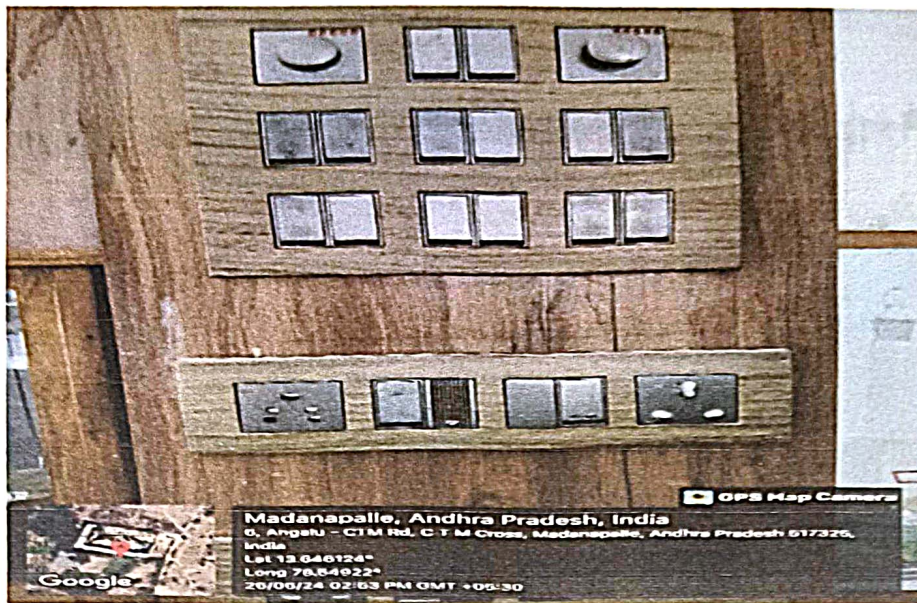
A biogas plant in our college campus reduces waste and produces energy. It also creates an organic fertilizer that can be used in the fields. The purpose of this biogas plant is to address the problem of waste disposal in canteens and other parts of the campus in an environmentally friendly manner.



3. Sensor based energy Conservation

Sensor based lights saves energy by automatically putting off the lights when not in use. This not only saves energy but it also acts as a security light to keep the campus safe.

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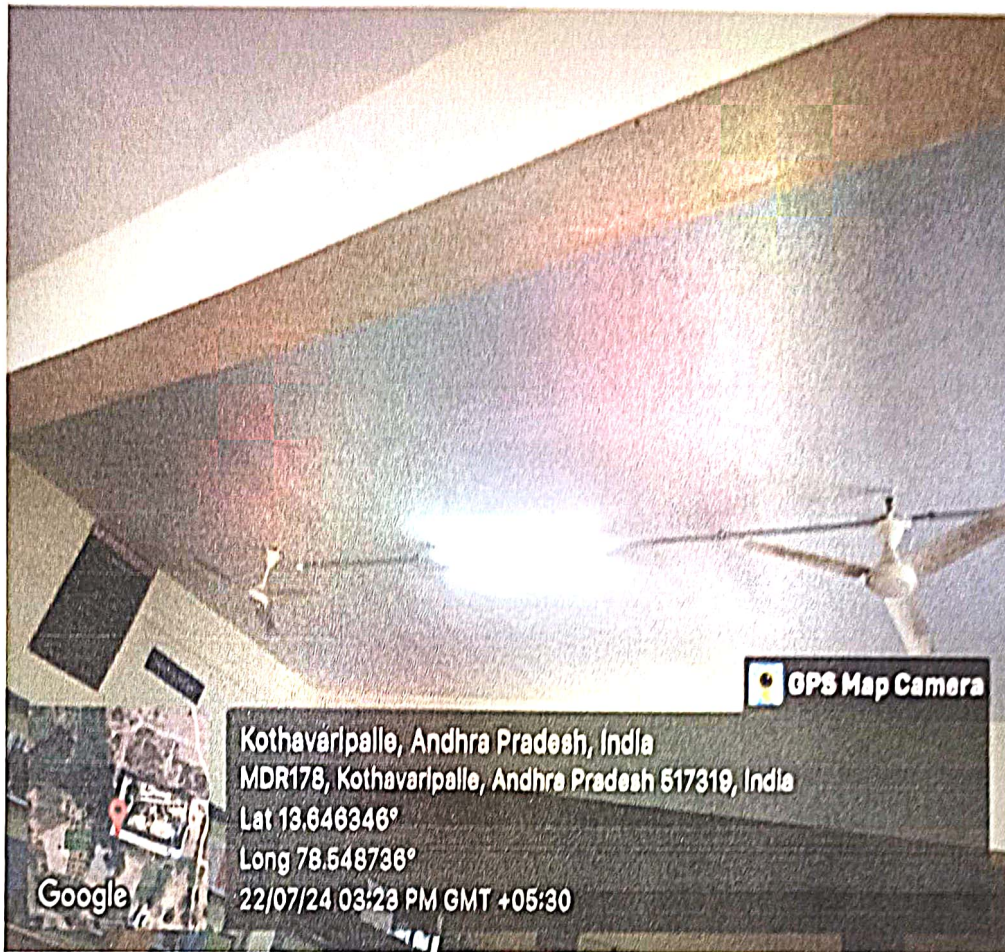
4. Use of LED bulbs

Using LED bulbs in the institution is the most efficient way of illumination and lighting, with an estimated energy efficiency of 80-90% when compared to traditional lighting and conventional light bulbs.

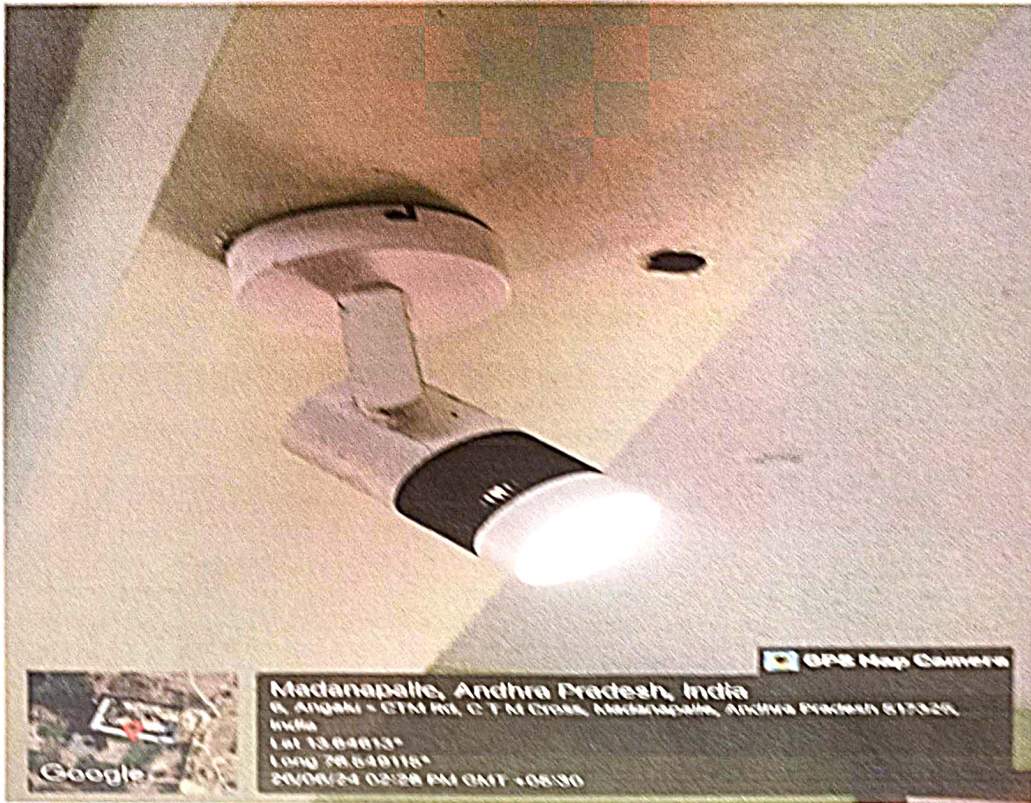
LED lights are free of toxic chemicals and helps to reduce our carbon footprint by one-third.

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As the LED bulbs are resistant to shock, vibrations and external impacts, they make great outdoor lighting systems even in rough conditions and when exposed to different weather conditions like wind and rain



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