

# GIET SCHOOL OF PHARMACY

(SPONSORED BY SRI KOUNDINYA EDUCATIONAL SOCIETY)

(Affiliated to Andhra University, Approved by PCI, 2(f) & 12(B) of UGC Act 1956 & Accredited by NA

NH-16, Chaitanya Knowledge City, RAJAMAHENDRAVARAM – 533 296, E.G.District, (A.P.)

Tel 0883 - 2484444, E-mail: [gietpharmacy@gmail.com](mailto:gietpharmacy@gmail.com), Website: [www.gietpharmacy.in](http://www.gietpharmacy.in)

ISO 9001:2015 Certified Institution

## 7.1.2 ALTERNATIVE SOURCES OF ENERGY AND ENERGY CONSERVATION MEASURES

### Energy conservation measures

ECMs are pluralistic and therefore imply a combination of several ECM initiatives to reduce energy consumption across an entire facility or building.

An energy conservation measure, or ECM for short, is a single initiative undertaken to reduce the energy consumption of a specific piece of equipment or a certain aspect of essential building services.

Energy is a general term that generally refers to the consumption of electricity, gas, or water; energy conservation and energy efficiency are terms that are frequently used interchangeably because increased energy efficiency also translates to lower energy consumption.

Almost the same thing could be said about renewable energy sources. However, there is a small distinction between the two. The definition of alternative energy sources includes all renewable energy sources, but it doesn't work the other way around.

This is so because sources of renewable energy such as the sun, wind, and water are derived from naturally replenished sources or processes of Earth. Since they are continuously renewed naturally, unlike fossil fuels, we refer to these resources as renewable or sustainable (as in sustainable energy).

There may, however, be non-renewable alternative energy sources that are exhaustible and non-renewable.

### Our college has initiated the following measures to conserve energy

- ✓ Solar panels are used to capture solar energy.
- ✓ Use of Light Emitting Diode (LED) / Power Efficient Equipment.
- ✓ Sensor-based energy conservation.
- ✓ Wheeling to the Grid Units are being Maintained in different blocks of the College.
- ✓ Expenditure - Representative Bills.



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## SOLARPANELS



**Dr. M.D.DHANA RAJU**  
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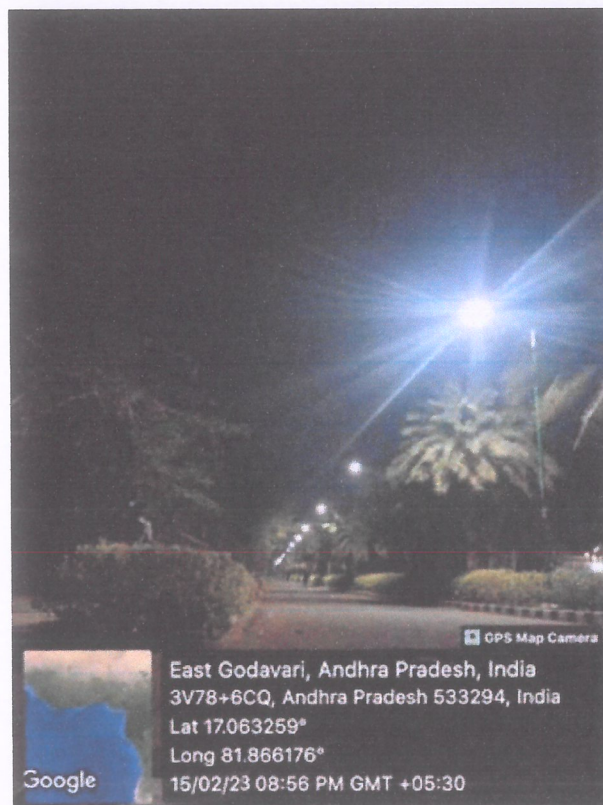
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## CAMPUS PATHWAY, LIGHTING WITH LED BULBS



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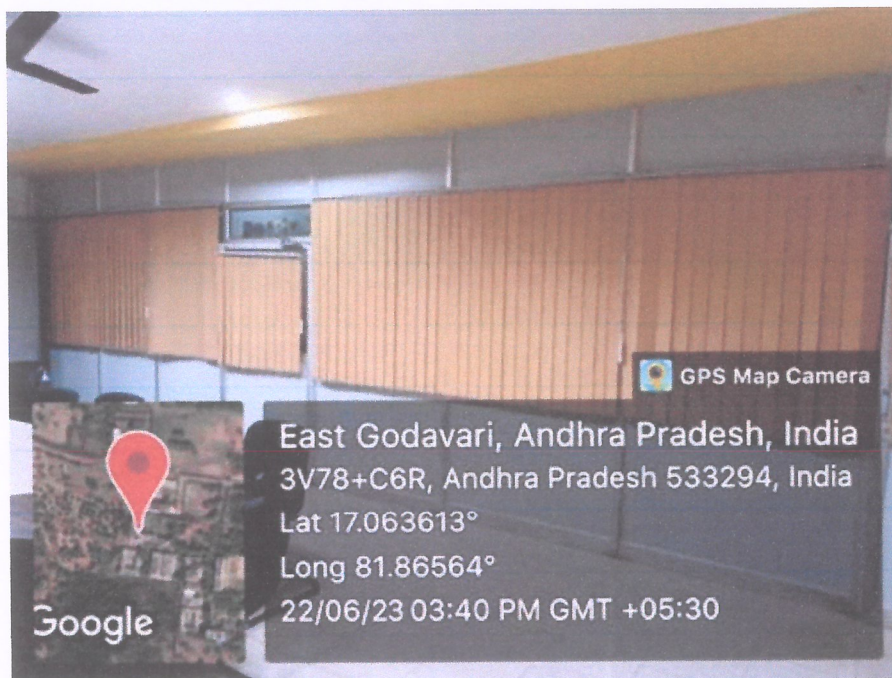
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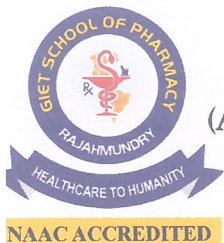
## SEMINAR HALL LIGHTENING WITH LED BULBS



## OFFICE ROOM WITH LED BULBS



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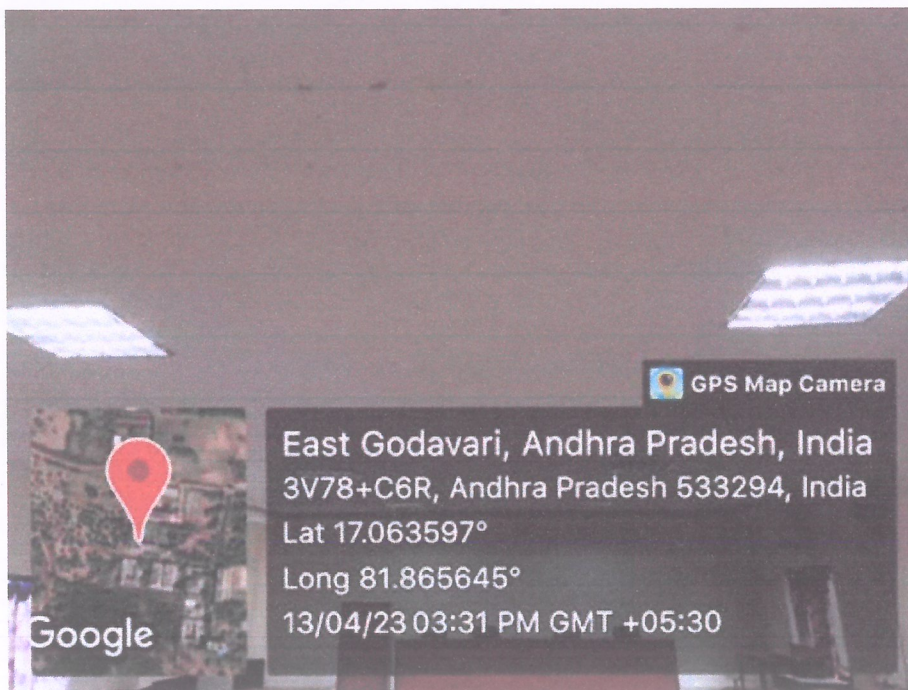


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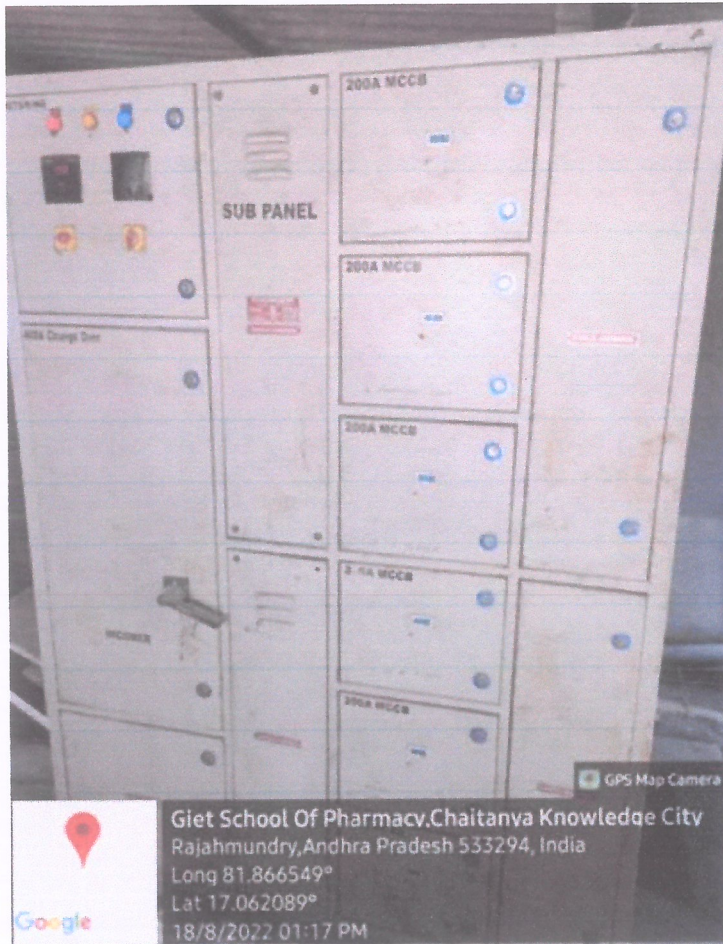
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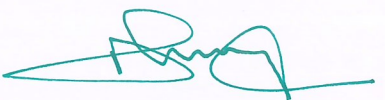
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## WHEELING TO THE GRID



  
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