



TKR COLLEGE OF ENGINEERING AND TECHNOLOGY (AUTONOMOUS)

(Sponsored by TKR Educational Society, Approved by AICTE, Affiliated by JNTUH,
Accredited by NBA & NAAC with 'A' Grade)




BIOGAS

Biogas is an environmentally-friendly, renewable energy source produced by the breakdown of organic matter such as food scraps and animal waste. The College is fully equipped with a biogas plant and utilized for hostel kitchens. The related Geotagged photographs are shown below




Biogas Plant Unit


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(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.



Biogas Plant Unit


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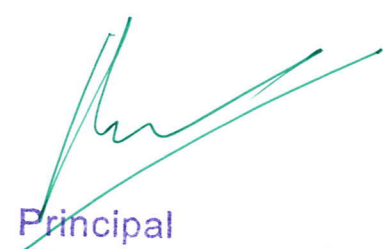


SENSOR BASED ENERGY CONSERVATION

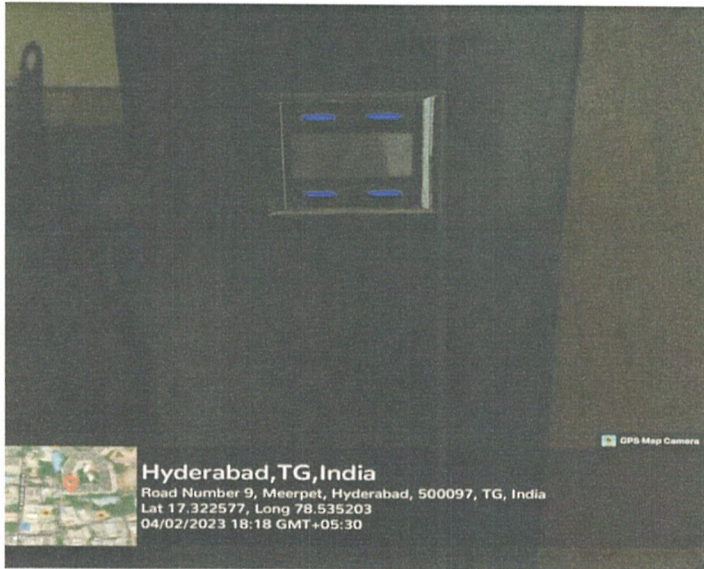
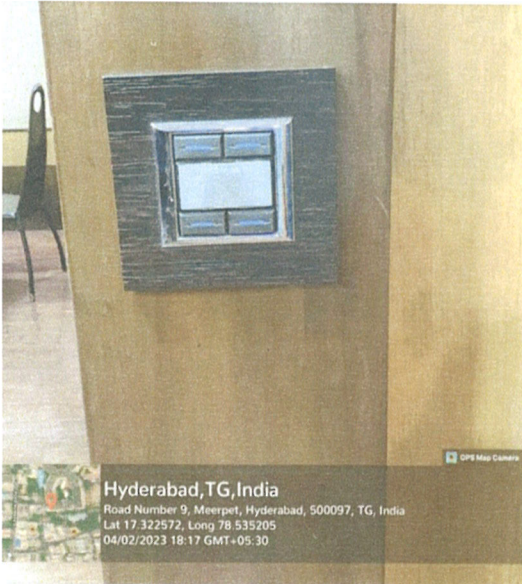
The Institution has facilities for alternate sources of energy and energy conservation measures. In this regard, the Institute deployed Sensor Based Energy Conservation methods in all labs to minimize the wastage of electrical energy. The related Geotagged photographs are shown below:



Sensor Based Lights for Power Conservation



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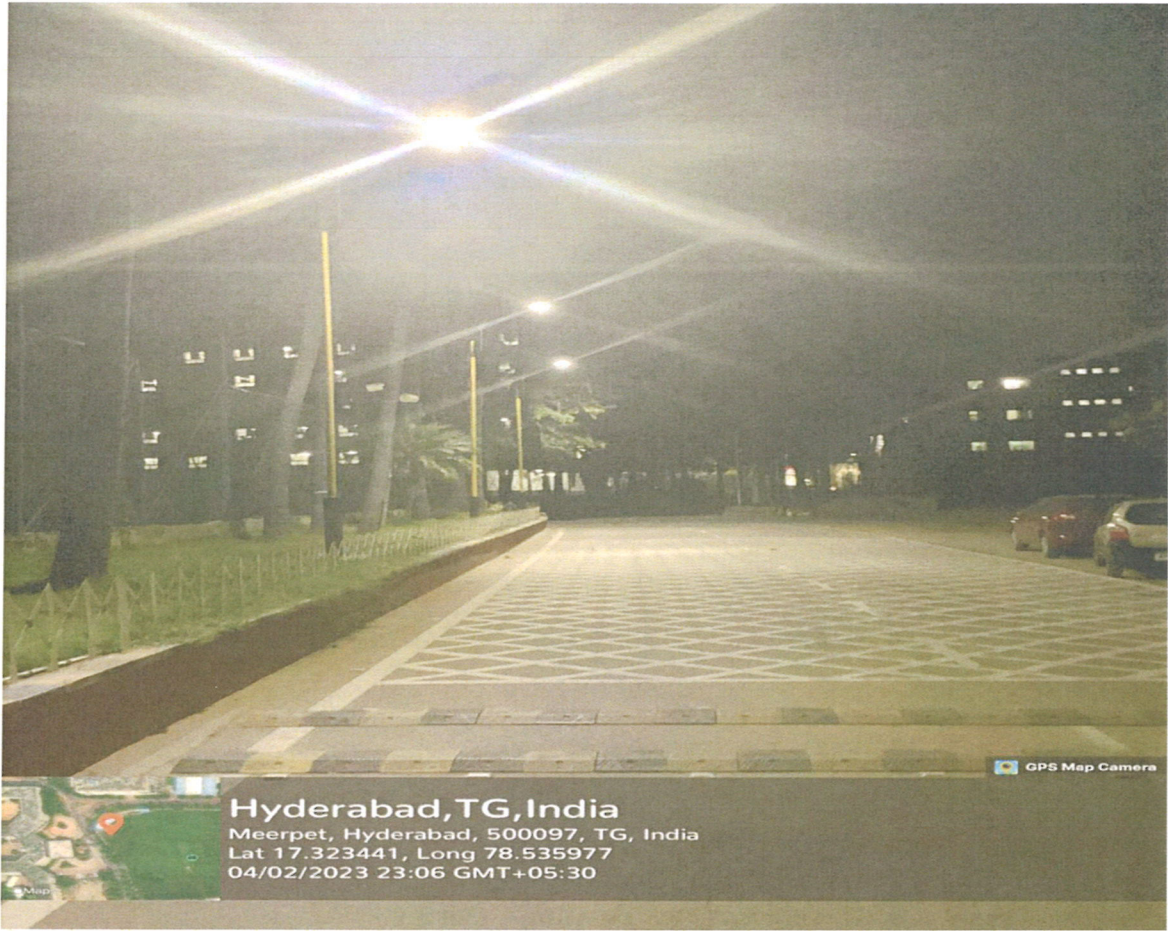
Sensor Based Power On/Off




Sensors lights for power saving

Turned on/turned off when human passing through the path


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Sensor-based LED lights have been installed on campus to promote energy conservation


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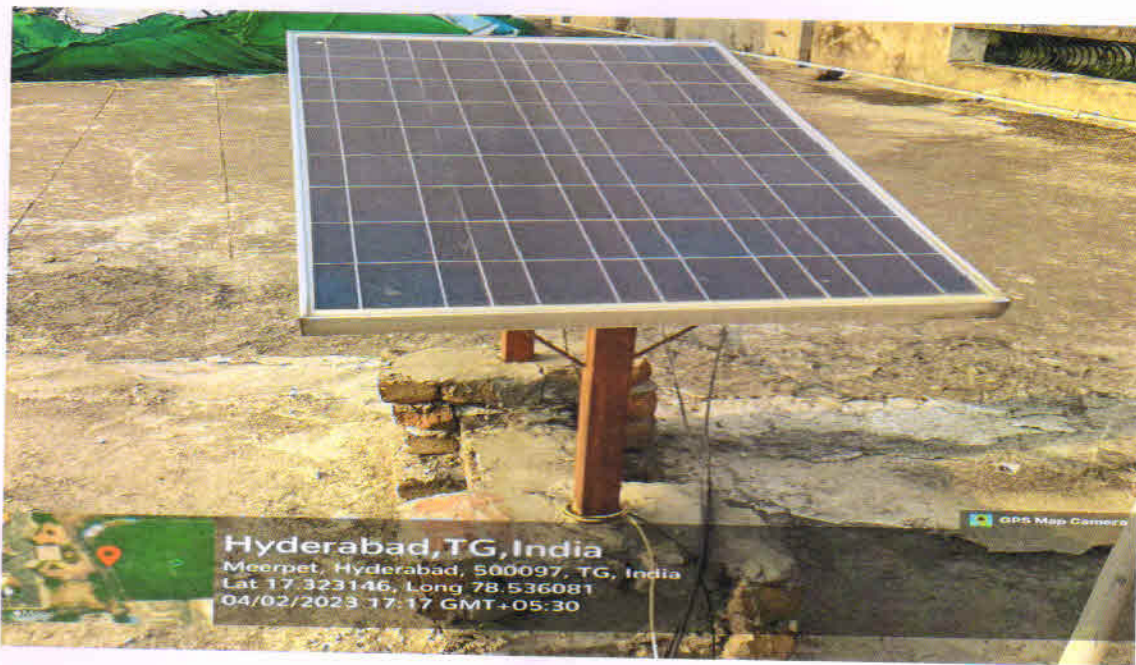
TKR COLLEGE OF ENGINEERING AND TECHNOLOGY (AUTONOMOUS)

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SOLAR ENERGY

The Institution has facilities for alternate sources of energy and energy conservation measures. The first and foremost alternate source of energy used is Solar Energy. Solar Panels are deployed in the campus as energy conservation measure. The generated energy used for Electrical Electronics Engineering lab. The related Geotagged photographs are shown below:



Solar Panels for Electrical Engineering Electronics engineering lab Electrification to save Energy

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Solar Panels for Electrical Electronics Lab Electrification to save Energy



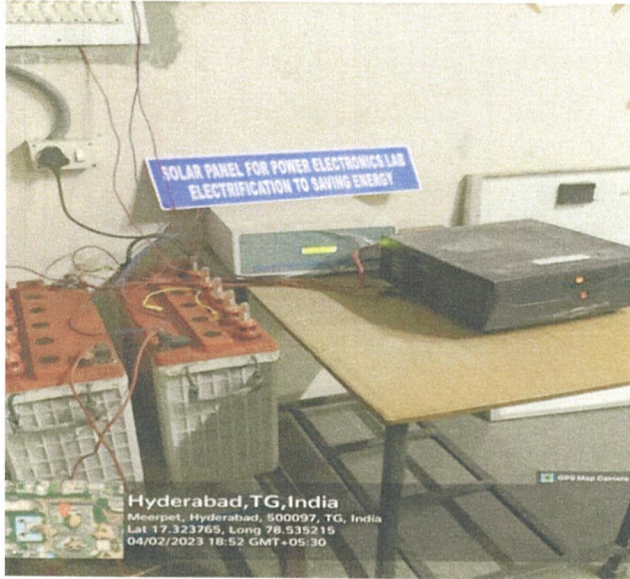
Solar Panels for Electrical Engineering Electronics engineering lab Electrification to save Energy

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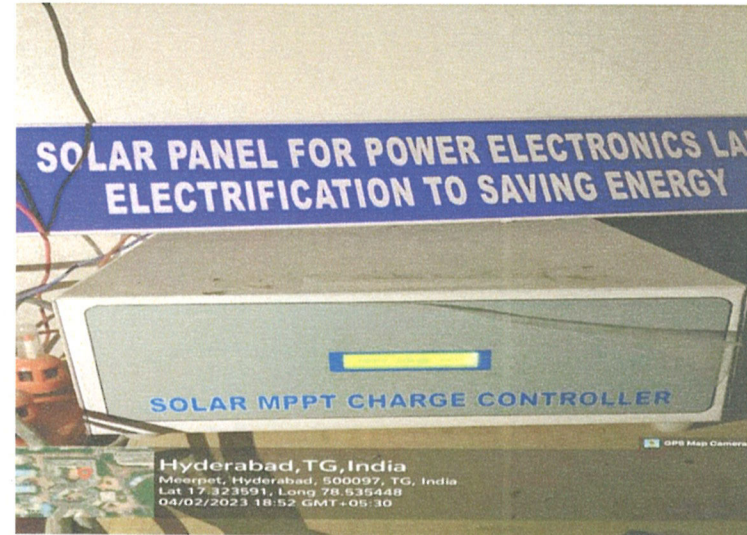


Solar Panels for Electrical Electronics Engineering lab. Electrification to save Energy


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Solar Power Setup



Solar Power Setup


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USE OF LED BULBS/POWER EFFICIENT EQUIPMENT

The Institution has facilities for alternate sources of energy and energy conservation measures. LED Bulbs/Power efficient equipment are deployed in the campus as energy conservation measure. The related Geotagged photographs are shown below:



LED Bulbs Installed within the Campus for Energy Conservation


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Sensor Based Lights for Power Conservation

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Sensor-based LED lights have been installed on campus to promote energy conservation


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