



**SRI VENKATESWARA**  
**COLLEGE OF ENGINEERING AND TECHNOLOGY**  
Thirupachur-631203, Tiruvallur TK & DT  
Approved by AICTE New Delhi & Affiliated to Anna University, Chennai  
(A Telugu Minority Institution)

**Action Taken Report**

The objective of energy conservation is to minimize energy consumption as much as possible, thereby preserving natural resources. Utilizing less energy is a fundamental approach to achieving this goal, essential for safeguarding our environment. Various energy-related measures are being implemented to establish an eco-friendly campus environment.

**Action taken reports and achievement report as clear and green campus initiatives**

Continuing from the annual audit regarding energy, environment, and green practices conducted on 21-22 May 2023, the campus is implementing the following measures to enhance its eco-friendliness.

1. In newly constructed buildings, LED bulbs are being installed to replace fluorescent bulbs.
2. In line with energy conservation efforts, recent purchases include air conditioners with a five-star rating, while those with lower ratings, such as two-star or three-star, are being avoided.
3. To promote green campus initiatives, the planting of sandalwood trees, recognized as highly valuable assets for the future, is actively encouraged within the campus.
4. To bolster campus sustainability initiatives, plans are underway to expand and implement eco-friendly dining options.



  
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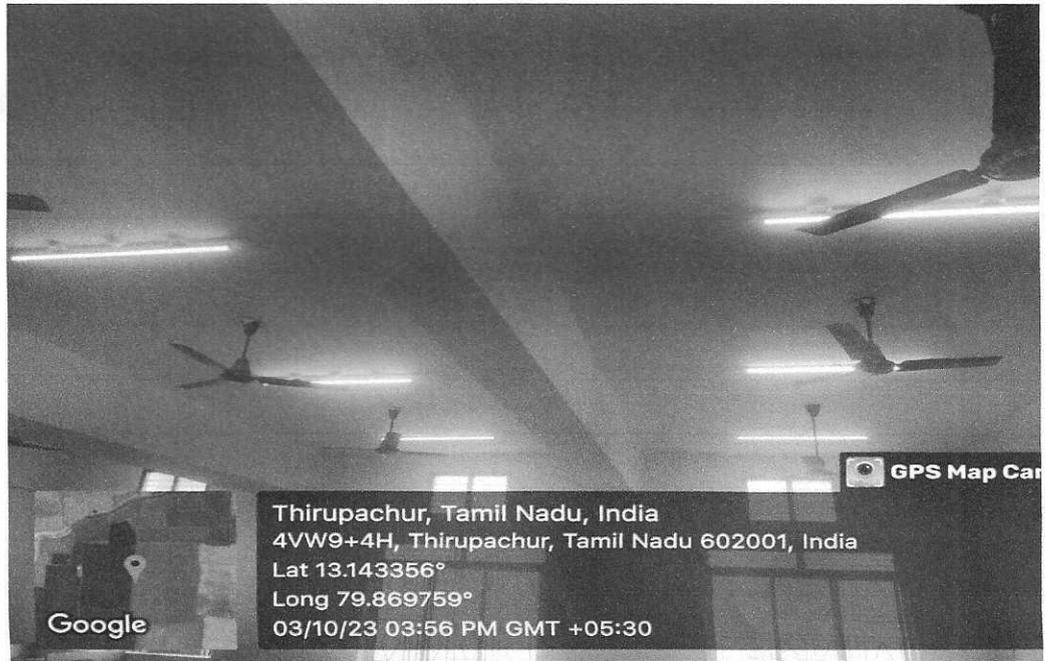
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### Report on actions taken for LED lighting

1. LED lights are replacing fluorescent lighting on college campuses due to their potential to use up to 80% less energy. In contrast to fluorescent lights, which waste a significant amount of energy as heat, LED lights only waste 5% of their energy in this manner, converting the remaining 95% into light.
2. After the transition is complete, despite initially expending a significant amount of energy to deliver a constant, powerful output at a reduced wattage, the overall power consumption decreases.
3. Moreover, LED lights have a lower environmental impact since they do not contain mercury like fluorescent tubes.
4. As far as in our campus, the transition from fluorescent lights to LEDs is scheduled on 03.10.2023



  
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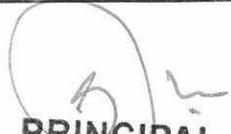
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### Report on Actions Taken for Install Solar Panel

1. Solar power is a clean, renewable energy source devoid of pollution. To harness its potential effectively, it requires a comprehensive, long-term understanding that considers seasonal fluctuations.
2. By implementing a solar energy system, our institution can reduce its reliance on the grid and save on electricity expenses.
3. In response to energy concerns, a solar panel was installed on our campus on 09.05.2024.



  
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