

SENSOR-BASED ENERGY CONSERVATION



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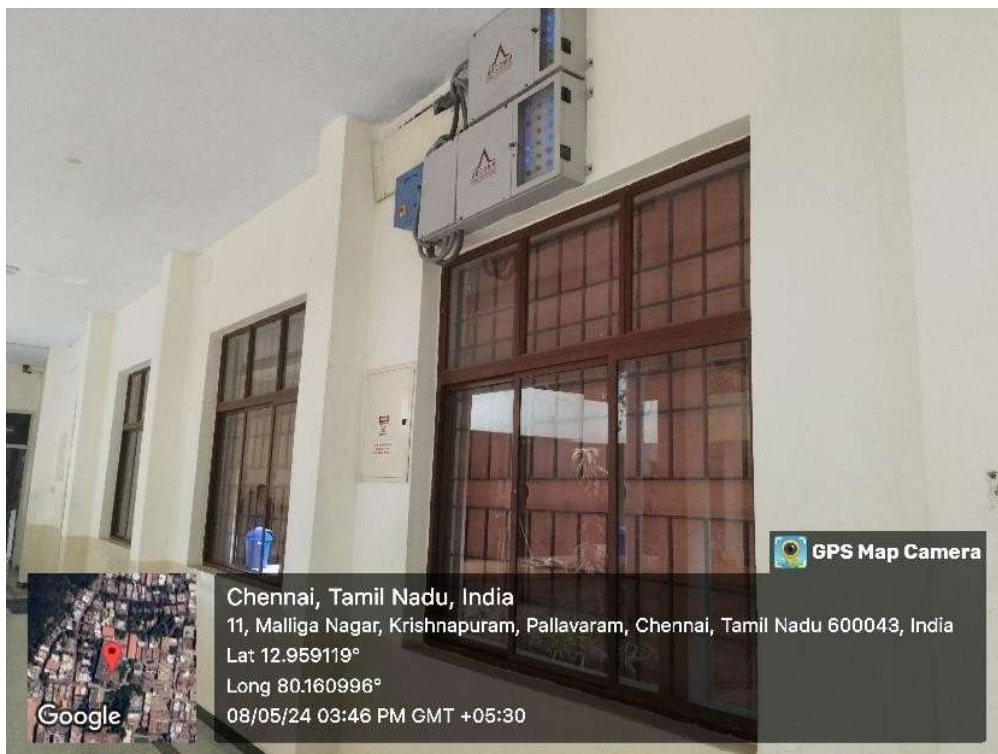
**Vels Institute of Science, Technology
& Advanced Studies (VISTAS)
Pallavaram, Chennai - 600 117.**

4. Sensor-Based Energy Conservation:

Sensor-based energy conservation systems offer VISTAS a powerful tool for improving energy efficiency, reducing costs, engaging stakeholders, and demonstrating leadership in sustainability.

A novel Building Power Conservator is installed in VISTAS. The device automatically cuts off the power supply to the loads connected to the device during programmed/ desired time period. Additionally, thermal sensor based automation is also integrated with this device and it is placed in individual office/class rooms to cut off the ACs and other loads in case of non availability of person inside the respective location.

SENSORS TO MONITOR AND CONTROL ENERGY USAGE IN Dr.MGR BLOCK

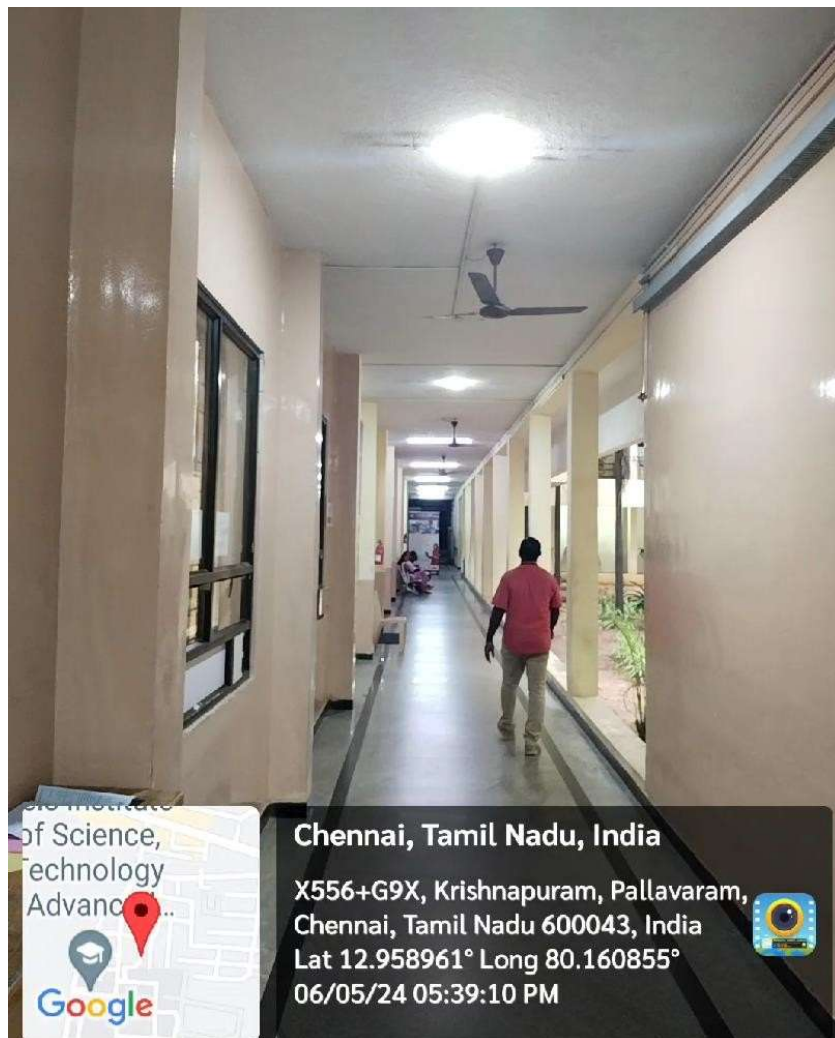


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VISTAS installed motion sensed lights to reduce energy consumption. Motion-sensored lights offer convenience and comfort by automatically illuminating areas when needed. They eliminate the need for manual switching on and off, especially in spaces where occupants' hands may be occupied or when entering a dark area.

SENSOR-BASED LIGHTS INSTALLED IN Dr.MGR BLOCK



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SENSOR-BASED LIGHTS INSTALLED IN RATAN TATA BLOCK



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