

#### SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY-PUTTUR

An ISO 9001:2015 Certified Institution, Affiliated to JNTUA, Anantapuramu. Approved by A.I.C.T.E., New Delhi & Accredited by NAAC, "A" Grade Siddharth Nagar, Narayanavanam Road, Puttur, 517583, Chittoor (Dt), (A.P).

# 1. Solar Energy



Rooftop Solar panels installed in the campus



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## 3. Wheeling to the Grid



Rooftop Solar Panels Photos



Single Line Diagram Of Solar PV Plant



### SOLAR PANEL BOARDS



SOLAR PANEL BOARDS

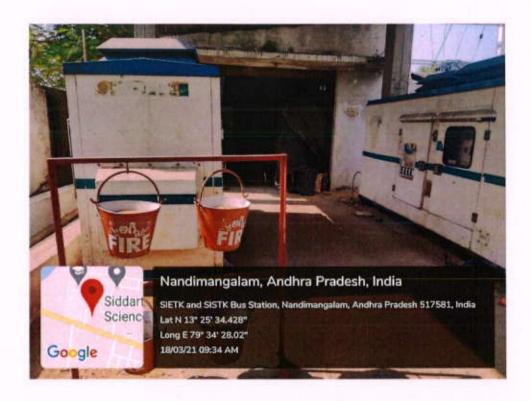


630kVA &500kVA Transformer installed in the campus (Energy Sourcefrom Southern Power Distribution Company of Andhra Pradesh Ltd. (SPDCTL)

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GENERATOR



GENERATOR



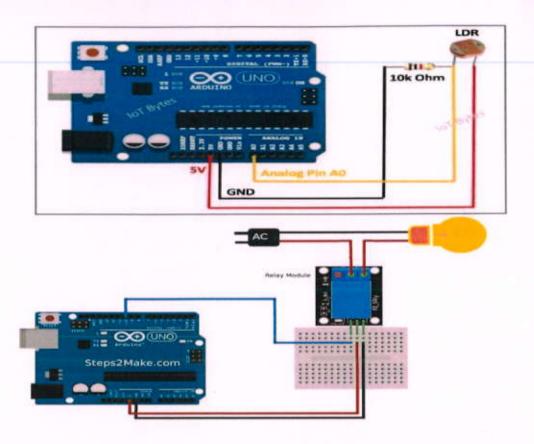
Diesel generators installed in the campus and their name plate

## 4. Sensor Based Energy Conservation



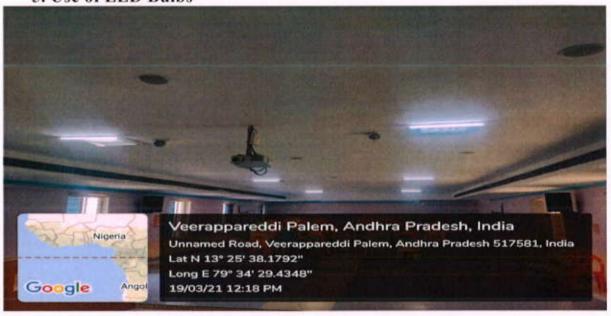
**Automation Street Light Control** 





Circuit Diagrams of Sensor Based Automatic Street Light

## 5. Use of LED Bulbs



LED Bulbs in SDC Seminar Hall, C-Block





Led Bulbs in Auditorium



LED Bulbs in Street Lights

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