

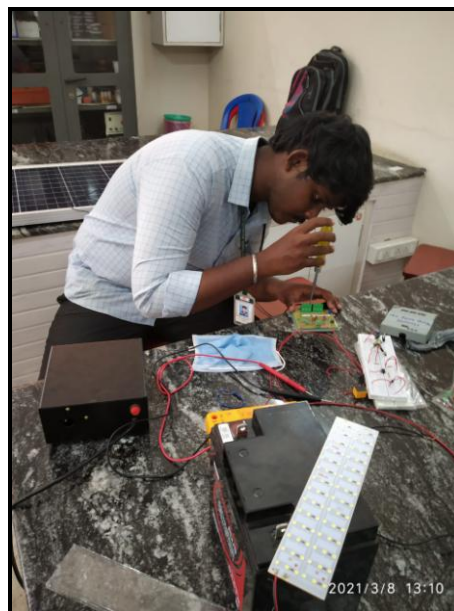


Solar Energy (Solar Light)

The department of B.Sc. Physics Students (Batch 2018 – 2021), J. Daniel Amal Raj, M. Maharaja, K. Balaji, N.R.K. Pougazh, are the pioneers in initiating the solar street light (LED) for the first time in our campus. This project is driven by solar energy used to demonstrate the advantages of this solar LED Street light compared to the traditional street light. Because this solar-powered street light can conserve a large amount of electricity compared to the other lights which are a light to their maximum intensity at all times after they are turned on Solar Powered Led Street Light.

By using solar panel and batteries to store and then convert solar energy to electrical this is to be used for street lighting system. During daytime, solar energy is stored and then depending upon natural light illumination in surrounding the array of LEDs glow using same convert solar energy. The on/off movement of LEDs depends upon input/output of sensors.

The Solar Light with all its circuit was installed with further arrangements and safety measures in front of the Principals office. This project is a milestone for our college and its outcome is very effective and successful as of now and it will play a pivotal role to stabilize the consumption of electrical energy in future also. The College Management has taken following alternative sources in conserving the energy. Our management has also given assurance to implement 4 lamp post and 8 LED panels to further enhance the usage of the Solar Street Light throughout the campus.



Our Students and making of Solar Light



Morning and Night View of Solar Street Light