

The design and implementation of a wireless data acquisition system for a photovoltaic panel system is discussed in this paper. based on the ATmega328P ...

A Smart and Solar-Powered Solid Waste Segregator with Cloud-Based Wireless Monitoring System in a School Campus Analene Montesines Nagayo1, Eugene Vega2, Omar Rashid Al ...

This paper describes the design and realization of a smart electronic system, based on a Wireless Sensor Network, for wide-area monitoring of availability level and rapid changes of the water ...

Sensors are powered by solar energy. The landslide monitoring system presented in this paper is remotely accessible via the Internet and provides real-time information about the current state ...

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scalable, autonomous, solar powered, wireless monitoring system that also provides live video broadcasting. It is based on a low cost microcontroller, a camera module, and an online ...

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We successfully demonstrated a self-powered wireless PV monitoring sensor system by integrating a step-up voltage converter, microcontroller, IR thermometer, Bluetooth ...

Wireless sensing is an excellent approach for remotely operated solar power system. Not only being able to get the sensor data, such as voltage, current, and temperature, ...

development of a smart system to monitor various ambient parameters like temperature, humidity, soil moisture and water level using a wireless sensor network (WSN) based on ...

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