

Real Time Remote Sensor Monitoring

Kaveri Malagi¹, Megha Talwar¹, Mitali Firodiya¹, Khushi Koli¹, Prof. V. S. Kharote-Chavan²

Students, Department of Electronics & Telecommunication¹

Guide, Department of Electronics & Telecommunication²

Pimpri Chinchwad Education Trust's.

Pimpri Chinchwad Polytechnic, Pune, Maharashtra, India

Abstract: The purpose of "Real Time Remote Sensor Monitoring" is to provide web-based application for remotely monitoring various electrical devices. This is possible in order to develop this system various parameters are taken into consideration such as, ambient temperature, humidity levels. Which can be correlated with current and voltage ratings to establish this entire system sensors are connected to the microcontroller and the data will be saved in micro secure digital card and sent all the gathered information to the synchronized web page using the services. This collected data will be enabling to for user on the website which can be even downloaded and the report for the same can be prepared. The system will help user to monitor the devices condition and ambient changes with ease. The system is successfully developed, tested and has been installed at residential area.

Keywords: GDP (Gross Domestic Product), Data collection, Platform development, user enablement.

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