

## **ELECTRICAL QUANTITY MEASUREMENT AND REGULATION EMPLOYING INTERNET OF THINGS**

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### **ABSTRACT**

In this paper an attempt is made to measure electrical parameters such as Current, Voltage, Power, Frequency and Power Factor employing Internet of Things. The paper also describes how the data that is wirelessly received on the consumer's mobile enables the user to switch appliances on and off to save power. The Android application which was self-developed acts as the link between the measurement and display.

**KEYWORDS:** Power, Power Factor, Bluetooth, Arduino, Iot, Android Application, Relay