

## DESIGN AND IMPLEMENTATION OF AN IoT-BASED INVERTER POWER MONITORING MODULE

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### ABSTRACT

*Inverters are ordinarily utilized all over and the result of the inverter is observed. Yet, presently our venture will assist with checking the continuous sunlight-based inverter information that can be effortlessly gotten to by the buyer as well as produced in the cell phone by utilizing Wi-Fi. In our undertaking essentially, we are fostering the reenactment and programming to quantify the constant information, for example, voltage, temperature, and so on. For doing the reenactment we utilize a product named proteus and for fostering the application we utilize a stage named Blynk. Our undertaking can be utilized primarily in workplaces, houses, foundations, and so forth so we can get to the information on our cell phones by utilizing Wi-Fi whenever.*

**KEYWORDS:** Battery management system (BMS), Internet-of-Things (IoT), Wireless Fidelity (WIFI).

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