



## **Problem Statement:**

Create a portable and cost-effective vital signs monitoring system using the Atmega328p microcontroller for use in remote or resource-constrained medical settings. Develop a device capable of accurately measuring and transmitting key physiological parameters such as heart rate, blood pressure, and body temperature. Implement secure communication protocols to relay this real-time health data to medical professionals, enabling timely intervention and improving patient care in situations where access to traditional monitoring equipment is limited.

## **Company name**

Onnano Technologies , Karur, Tamil Nadu