

## **A WIRELESS ELECTROCARDIOGRAM DETECTION FOR PERSONAL HEALTH MONITORING**

### **AIM:**

To monitor personal health by an interactive intelligent healthcare and monitoring system (IIHMS) including body sensor network (BSN) and Power-efficient local sensor network.

### **EXISTING METHOD:**

The all old system has a low coverage area but we are use in GPS/GSM so we have a very large coverage area. The patient is in any place our system is sent to the Measurement data to server. We proposed system is less delay and low noise. The existing system is used in only hospital not in out of hospital. In our proposed system it is of low power operating system.

### **PROPOSED METHOD**

An interactive intelligent healthcare and monitoring system (IIHMS) including body sensor network (BSN) and local sensor network has been presented. The wireless bio-signal acquisition for BSN application is applied to acquire the real human body data via ZigBee network communication. The high integration TX-Baseband processor with zigBee protocol. In addition, an ARM-based receiver platform with an RF receiver, an analog to digital mixed mode board, ARM-based displayer to demonstrate values.