



**NARNARAYAN SHASTRI INSTITUTE OF TECHNOLOGY  
ELECTRICAL DEPARTMENT**



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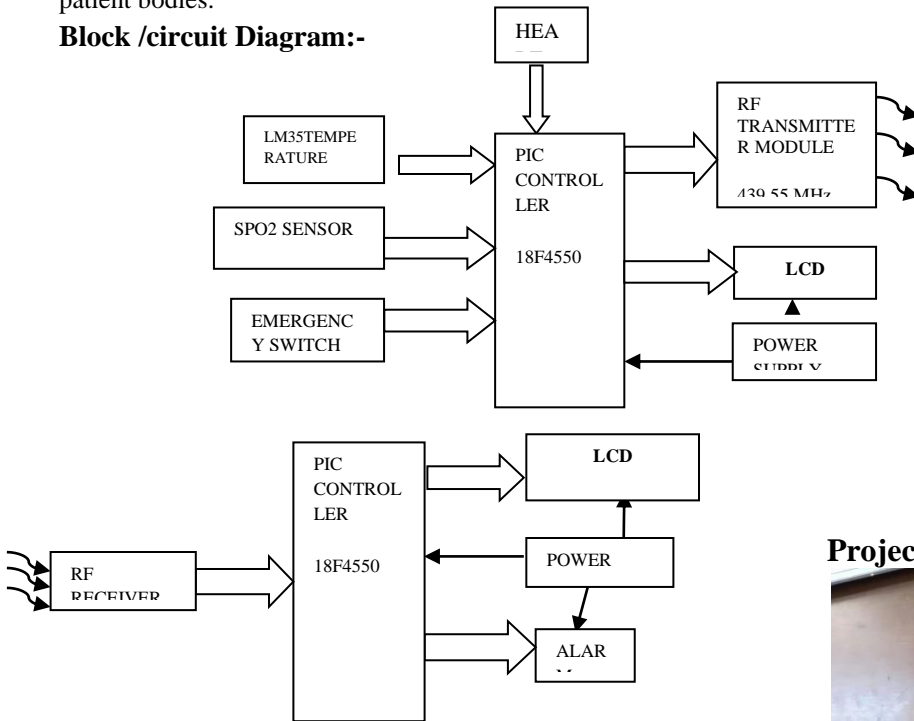
**Internal Guide:- Avaniben Patel**

**Project Title:-AUTOMATIC WIRELESS HEALTH MONITORING SYSTEM FOR PATIENTS IN HOSPITAL**

**Abstract:-** In a hospital health care monitoring system it is necessary to constantly monitor the patient’s physiological parameters. For example a Patients parameters such as Temperature , and heart rate, blood pressure (BP) of the patient and heart rate and movements of to control their health condition. This data presents a monitoring system that has the capability to monitor physiological parameters from multiple patient bodies.

**APPROXIMATELY COST:-  
Rs. 17,500/-**

**Block /circuit Diagram:-**



**Project photo:-**



**Major Hardware components used:-  
Sensor,Led,voltage regulator,crystal,  
MC,resistot,diode,capacitor.switches,etc.**

**Project application:-**

- We can get Quickly and Accurate measurements of body temperature and other parameters like heartbeat count, blood pressure, oxygen saturation.
- Recording of all data is possible for future use and analyses.
- Can use On Multiple human body, no need to sterilize.
- Doctors can see patient’s report remotely.