

INTRA-BODY COMMUNICATION USING RED TACTON TECHNOLOGY

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In this project, we are going to monitor a patient through intra-body communication, in which the patient has multiple sensors such as heartbeat, glucose, respiratory, PH and temperature. Through the sensors, measurement is taken and when the doctor interacts with the patient the measured value from the sensor is read out and eventually sent through the red tacton device from one person to the other through the human body. Here, we use microcontroller PIC series 16F877A, which is the brain of the project and the other peripheral which helps in measuring the natural reading through the sensor and red tacton device to communicate. The proposed model which provides safe and secure communication which compared to the other technology and it does not harm the human beings.