



An Interactive Real Time System for Continuous monitoring of Heart Patients

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Abstract: The main design of this project is to trace the guts attack of patients who are suffering from any attacks throughout driving and to send them a medical need to make sure that the persons are safe from accident. An eye fixed blinking device which is accustomed sense the blinking of the attention. A spO₂ device is used to envision the heartbeat rate of the patient. Each square measure is connected to small controller. If eye blinking gets stopped then the signal is distributed to the controller to form Associate alarm through the buffer. If spO₂ device senses a variation in pulse or low element content in Blood, it should lead to cardiopathy; then the controller stops the motor of the vehicle. Then Tarang F4 transmitter is employed to send the vehicle & the mobile range of the patient to a nearest medical station at intervals twenty five kilometres for treatment. The heartbeat rate is monitored via digital display .The Tarang F4 receiver receives the signal and passes through controller, the amount gets displayed within the digital display screen and an alarm is made through a buzzer as before long the signal is received. 5 topics are mentioned during this project : Detecting the patient beats per minute and also the Eye blinking standing; transmittal via Tarang F4 just in case of abnormalities in patient; The patient status is displayed and indicated by Buzzer; The Hospital Unit receives the patient's mobile and also the automotive number; The communication between the vehicle and also the Hospital through Tarang F4.

Keywords: sPO₂ sensor, Tarang Transmitter, Tarang Receiver, Eye blink sensor

