



A WEARABLE MULTIPARAMETER MEDICAL MONITORING AND ALERT SYSTEM WITH FIRST AID

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Abstract- The main aim of the paper is biomedical monitoring of human being. Biomedical values are heart rate ,blood pressure ,body temperature and here we use a GPRS module and biomedical monitoring sensor and data from these sensor are updated to the web server and in addition to that we use an automated external defibrillator(AED) which automatically diagnosis the cardiac arrhythmia of ventricular fibrillation, and pulse less ventricular tachycardia and is able to deal them with an defibrillation, the requisition of electrical therapy which stops arrhythmia , allowing the heart to re-establish the normal rhythm when compare to regular defibrillator it require minimal training to use. Biomedical monitoring promises to give an overview of cardiovascular system non -invasively and this will be easy to use and operate without hospitalization.

Index terms: heart rate, monitoring sensor, GPRS, Automated External Defibrillator.