

JITEC TECHNOLOGIES

(AN IEEE ENGINEERING PROJECT AND RESEARCH INSTITUTE)
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BIO MEDICAL

- . Wireless Bio monitoring (ECG & BP)
- . Wireless Transmission of ECG Signals via Bluetooth / WiFi
- . Patient Monitoring System(Heart Rate & Temperature)
- . Patient Monitoring System with GSM (Temperature & Respiratory)
- . Early Detection of Chronic Renal Failure.
- . Arrhythmia Detector using Matlab
- . Thermo Alarm Messenger
- . Multiparameter Hemocratic Analyzer.
- . Biomedical Monitoring System
- . Glucoma detection using matlab
- . Digital BP monitor.
- . Heart Rate Monitor
- . Infant Monitor
- . Non invasive heart attack detector
- . Non-Invasive Glucometer.
- . Digital Pulmonary Function Test using Microcontroller.

- . Transcutaneous Electrical Nerve Stimulator (TENS)
- . Muscle Strength Dynamometer.
- . Automatic Syringe Pump.
- . EEG Biofeedback.
- . Pulse Rate Monitor.
- . Patient Monitoring System
- . Blood Leak Detector with temperature Control.
- . ECG Acquisition via SMS.
- . Microcontroller based Rehabilitation Simulator
- . Solid State Hot & Cold Therapy.
- . Infant Warmer.
- . Apnoea Monitor.
- . Syringe Pump.
- . Body Composition Analyzer
- . Heart Beat Monitoring & Temperature Monitoring ^11. SP02 determination using ECG.
- . Hand held Ultrasound Therapy Machine
- . Non-Invasive Glucometer.
- . Muscle Stimulator'
- . Automated Wheelchair using accelerometer for lower limb paralysis & handicap Patients.
- . Goniometer.
- . Fetal Heart rate monitor with uterine contractions.

- . Haemoglobinometer
- . Intra Aortic Ballon Pump.
- . Physiological Status Monitoring using sensors(Patient Monitoring Type)
- . Microcontroller based Heart Rate Monitor.
- . Gluco-Thyrometer.
- . Phototherapeutic device for hyper billirubin.
- . Electro-oculogram
- . Pain detector & Reliever.
- . Infant Breath rate monitor.
- . Syringe pump.
- . Subcutaneous Vascular Imaging.
- . Bone Mineral Analyzer.
- . Neuropathic Foot Exerciser.
- . Electronic Nebulizer.
- . Blind man stick using Ultrasound.
- . Blind man stick using IR.
- . Arrhythmia Detector using Matlab
- . Blood infusion warmer using PID controller.
- . Digital blood pressure monitor.
- . Wireless Heart rate meter.