

1CRORE PROJECTS

IEEE PROJECTS | APPLICATION PROJECTS
BE / B.BTECH / MCA / MSC / BCA / BSC PROJECTS

BIO MEDICAL PROJECTS	
1	Cardio Monitoring and Cardiac disease prediction using Machine Learning
2	Data-Driven Classifiers for Early Meal Detection Using ECG
3	A New Approach of Transparent and Explainable Artificial Intelligence Technique for Patient-Specific ECG Beat Classification
4	E-ventilator (Emergency ventilator) for Emergency Situations
5	Investigation of Data Leakage in Deep-Learning-Based Blood Pressure Estimation Using Photoplethysmogram/Electrocardiogram
6	Parallel High Capacitance Capacitors Connected With Flexible Electrodes for Enhancement of cECG Signal Quality
7	Cuffless Blood Pressure Estimation Using Dual Physiological Signal and Its Morphological Features
8	Predicting Ejection Fraction from Electrocardiogram Signals using a Multi-task Learning Model
9	Research on Emotion Recognition Based on Multisource Signals
10	IoT Based Heart attack Detection and Heart Rate Monitoring System
11	H2K: A Heartbeat-Based Key Generation Framework for ECG and PPG Signals
12	Emotion monitoring sensor network using a drive recorder
13	Jugular Venous Pulse Waveform Extraction From a Wearable Radio Frequency Sensor
14	An intelligent wireless monitoring system in telemedicine using IOT technology
15	Pattern Recognition of ECG Signal to Detect Heart Disorders
16	Nisshash: Design of An IoT-based Smart T-Shirt for Guided Breathing Exercises
17	All-purpose Health Monitoring Belt using HIoT Devices
18	Using wearable sensors to study the brain-heart interactions during attentional and resting states
19	Smart Ambulance Management System with Real-Time Patient Monitoring
20	EEG-ECG Extraction for Wearable All-in-One Healthcare Device
21	IoT-based Real-Time System for Tracking and Monitoring the Health of Soldier
22	Garbage classification system based on artificial intelligence and Internet of Things
23	Human Activity Recognition Based on Wireless Electrocardiogram and Inertial Sensors
24	Enhancing the Reliability of Wearable Cardiac Monitoring using Accelerometer Activity Data
25	Portable and Real-Time IoT-Based Healthcare Monitoring System for Daily Medical Applications
26	Smart Glove with Gesture Based Communication and Monitoring of Paralyzed Patient
27	Classification of Infant Sleep/Wake States: Cross-Attention among Large Scale Pretrained Transformer Networks using Audio, ECG, and IMU Data
28	Electrocardiogram Detection System of Autistic Children Based on AD8232 for Healthcare
29	Comatose Patient Monitoring System Based on (IoT)
30	AI Health – IoT based Smart Medicine Box
31	A Framework for Cognitive Load Recognition Based on Machine Learning and Multimodal Physiological Signals by Wearable Sensors
32	Investigating Physiological and Behavioral Sensing Modalities Toward Drowsiness Detection
33	Secure Authentication in an IoT-Based Healthcare Environment with Strong Anonymity and Unclonable Device

Address:

Raahat Plaza, Door No : 68 & 70 Ground, Arcot Rd, opp. Vijaya Hospital, Vadapalani, Chennai, Tamil Nadu
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