



## MTECH IEEE EMBEDDED PROJECTS

1	Towards Real-Time Eyeblink Detection in the Wild: Dataset, Theory and Practices
2	Automatic Testing Environment for Virtual Network Embedded Systems
3	A Design of Intelligent Wearable Health Monitoring System Based on IoT
4	A wearable system for respiratory and pace monitoring in running activities: a feasibility study
5	An intelligent baby monitoring system based on Raspberry PI, IoT sensors and convolutional neural network
6	An IoT-Based Intelligent System for Real-Time Parking Monitoring and Automatic Billing
7	Arduino Based Smart Home Warning System
8	Wheel chair control through eye blinking and IoT platform
9	Biometric Face Presentation Attack Detection with Multi-Channel Convolutional Neural Network
10	Demo Abstract An Internet of Plants System for Micro Gardens
11	Design and Analysis of IoT based Air Quality Monitoring System
12	Design and Analysis of IoT-Based Intelligent Robot for Real-Time Monitoring and Control
13	Design of Environmental Monitoring System in Chicken House Based on ZigBee
14	Design of smart home controller based on raspberry PI
15	Development of congestion level based dynamic traffic management system using IoT
16	Driver Drowsiness Detection Model Using Convolutional Neural Networks Techniques for Android Application
17	Emotion Recognition from Text Stories Using an Emotion Embedding model
18	Hardware Root Of Trust for IoT Security In Smart Home Systems
19	Intelligent Monitoring Systems for Transportation of Perishable Products based Internet of Things (IOT) Technology
20	IoT Based on-the-fly Visual Defect Detection in Railway Tracks
21	IoT Based Real-Time Remote Patient Monitoring System
22	IoT Based University Garbage Monitoring System for Healthy Environment for Students
23	IOT Based Wireless Sensor Network for Air Pollution Monitoring



# NANO SCIENTIFIC RESEARCH CENTRE

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24	IoT-Enabled Shipping Container with Environmental Monitoring and Location Tracking
25	IoT-Enabled Smart Child Safety Digital System Architecture
26	Laboratory Automation System Using IOT Devices
27	Lightweight Misbehavior Detection Management of Embedded IoT Devices in Medical Cyber Physical Systems
28	Low Cost IoT Sensor System for Real time remote monitoring
29	Realtime Wireless Embedded Electronics for Soldier Security
30	RepEL: A Utility-preserving Privacy System for IoT-based Energy Meters
31	Security Experiences in IoT based applications for Building and Factory Automation
32	Smart Farming System using IoT for Efficient Crop Growth
33	Multi-Functional Blind Stick for Visually Impaired People
34	Survey on IOT Based Smart Waste Bin
35	Z-IoT Passive Device-class Fingerprinting of ZigBee and Z-Wave IoT Devices
36	Face Identification System using Deep Learning Method at Low Lighting Resources
37	IoT-aware Waste Management System based on Cloud Services and Ultra-Low-Power RFID Sensor-Tags
38	New Approach for Fall Detection System Using Embedded Technology
39	Analysis of Smart helmets and Designing an IoT based smart helmet: A cost effective solution for Riders
40	The Design and Implementation of GPS Controlled Environment Monitoring Robotic System based on IoT and ARM
41	Real-Time Monitoring Security System integrated with Raspberry Pi and e-mail communication link
42	Performance Evaluation of Real-Time System for Vision-Based Navigation of Small Autonomous Mobile Robots
43	Occupancy Estimation using WiFi: A Case Study for Counting Passengers on Busses
44	Implementation of greenhouse service control protocol using Python on Raspberry PI