

IEEE 2015 - 2016 PROJECT CAPTION - EMBEDDED	
Sl.No	PROJECT CAPTION
TNIEM1	WSN-Based Smart Sensors and Actuator for Power Management in Intelligent Buildings
TNIEM2	Sensor Based Agriculture Monitoring and Controlling based on WSN Technology
TNIEM3	Smart Sensor Scheduling for Multiple Target Tracking for Border Surveillance
TNIEM4	An Inertial Pen With Dynamic Time Warping Recognizer for Handwriting and Gesture Recognition
TNIEM5	Integrated Sensing Systems and Algorithms for Solid Waste Bin State Management Automation
TNIEM6	Embedding Compressive Sensing-Based Data Loss Recovery Algorithm Into Wireless Smart Sensors for Structural Health Monitoring
TNIEM7	Sensor Based Continuous Monitoring of Physiological Signals in Small Animals
TNIEM8	Implementing Intelligent Traffic Control System for Congestion Control, Ambulance Clearance, and Stolen Vehicle Detection
TNIEM9	An EEG-Based Biometric System Using Eigenvector Centrality in Resting State Brain Networks
TNIEM10	Quantitative Evaluation of a Low-Cost Noninvasive Hybrid Interface Based on EEG and Eye Movement
TNIEM11	Wireless Sensor Networks for Condition Monitoring in the Railway Industry: A Survey
TNIEM12	A Novel Biometric Approach for Human Identification and Verification
TNIEM13	Wearable Sensors for Human Activity Monitoring: A Review
TNIEM14	Weapon Authentication & Control system based on wireless Sensor Network
TNIEM15	Integrated All Electrical Pulse Wave Velocity and Respiration Sensors Using Bio-Impedance
TNIEM16	Driver Behavior Profiling Using Smart phones: A Low-Cost Platform for Driver Monitoring

TNIEM17	A Self-Powering Wireless Environment Monitoring System Using Soil Energy
TNIEM18	An Implantable RFID Sensor Tag toward Continuous Glucose Monitoring
TNIEM19	Automated Health Alerts Using In-Home Sensor Data for Embedded Health Assessment
TNIEM20	A Novel Biometric Approach for Human Identification and Verification Using Eye Blinking Signal
TNIEM21	Control Area Network (CAN) Based Intelligent Vehicle System for Driver Assistance Using Advanced RISC Machines (ARM)
TNIEM22	An Inertial Pen With Dynamic Time Warping Recognizer for Handwriting and Gesture Recognition
TNIEM23	Android Phone Controlled Voice, Gesture and Touch Screen Operated Smart Wheelchair
TNIEM24	Automatic Detection and Notification of Potholes and Humps on Roads to Aid Drivers
TNIEM25	Wireless ARM-Based Automatic Meter Reading & control system (WAMRCS)
TNIEM26	Design And Implementation of Water Environment Monitoring System Using GSM Technology
TNIEM27	Design For Visually Impaired to Work at Industry Using RFID Technology
TNIEM28	Embedded Wireless Data Acquisition System for Unmanned Vehicle in Underwater Environment
TNIEM29	GSM Based Voice Response System for Wireless Load Control and Monitoring
TNIEM30	Implementation of an in Campus Fire Alarm System Using ZIGBEE
TNIEM31	Implementing Intelligent Traffic Control System for Congestion Control, Ambulance Clearance, and Stolen Vehicle Detection
TNIEM32	Intelligent Energy Efficient Traffic Safety & Alert system
TNIEM33	Photosensitive Security System for Theft Detection and Control Using GSM Technology

TNIEM34	Smart Home for Elderly Care, Based on Wireless Sensor Network
TNIEM35	An Embedded System in Passenger Car for Road Safety
TNIEM36	Industrial Boiler Parameters Monitoring and Control using of sensor and GSM Technology
TNIEM37	Visual Surveillance Using Absolute Difference Motion Detection
TNIEM38	Wireless Color Sensing ARM Robot
TNIEM39	ZIGBEE-Based Irrigation System for Home Gardens
TNIEM40	RFID-Based System for School Children Transportation Safety Enhancement
TNIEM41	A System for Automatic Notification and Severity Estimation of Automotive Accidents
TNIEM42	Towards A New Modality-Independent Interface for A Robotic Wheelchair
TNIEM43	Rail Component Detection, Optimization, and Assessment for Automatic Rail Track Inspection
TNIEM44	EEG-Based Mobile Robot Control Through an Adaptive Brain-Robot Interface
TNIEM45	Sampled-Data Cooperative Adaptive Cruise Control of Vehicles With Sensor Failures
TNIEM46	Miniature Low-Power Inertial Sensors: Promising Technology for Implantable Motion Capture Systems
TNIEM47	Cooperative Development of an Arduino-Compatible Building Automation System for the Practical Teaching of Electronics
TNIEM48	Hand Gesture Based Remote Control System Using Infrared Sensors and A Camera
TNIEM49	NFC+ Android Application By Using NFC Technology for Hospital Management System
TNIEM50	Vehicle Information Communication Safety Combined with Mobile RFID System
TNIEM51	Raspberry PI Based Global Industrial Process Monitoring Through Wireless Communication

TNIEM52	An Internet of Things Approach for Motion Detection Using Raspberry Pi
TNIEM52	Low Cost Smart Security Camera With Night Vision Capability Using Raspberry Pi And Opencv
TNIEM53	Raspberry Pi Based Interactive Home Automation System Through E-Mail
TNIEM54	Wireless Sensor Networks for Condition Monitoring in the Railway Industry: A Survey
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TNIEM56	Rail Component Detection, Optimization, and Assessment for Automatic Rail Track Inspection
TNIEM57	A System for Automatic Notification and Severity Estimation of Automotive Accidents
TNIEM58	Recent Advances in Wearable Sensors for Health Monitoring
TNIEM59	Real Time Human Face Detection and Tracking on security Application
TNIEM60	Wireless Machine to Machine Healthcare Solution using Android Mobile Devices in Global Networks
TNIEM61	Design of Smart Power Controlling and Saving System in Large Place
TNIEM62	Smart Card Based Rechargeable Prepaid Energy Meter using PIC Microcontroller
TNIEM63	Real time authentication system using advanced finger vein recognition technique in Security Applications
TNIEM64	Automatic Vehicle Head Safety Design by Wireless Automation Technology
TNIEM65	Detecting Theft Identification in Water Pipelines Using GSM and Sensor
TNIEM66	Design System for Handicapped Person to Work on the System and Access E-Mail
TNIEM67	Water Management System Using Dynamic IP Based Embedded Web Server In Real Time