

### S3 Technologies

**WE OFFER IEEE PROJECTS FOR FINAL YEAR STUDENT PROJECTS, ENGINEERING PROJECTS AND TRAINING, PHP PROJECTS, JAVA AND J2EE PROJECTS, ASP.NET PROJECTS, NS2 PROJECTS, MATLAB PROJECTS AND IPT TRAINING .**

**CELL: +9789339435 , 9500580005, 0452-4373398  
2020 - 2021**

#### IEEE PROJECTS

S.NO	PROJECT CODE	IEEE 2020 EMBEDDED PROJECT TITLES	DOMAIN	YEAR
[1]	EMIOT01	Internet of Things Mobile – Air Pollution Monitoring System (IoT-Mob air)	EMBEDDED/IOT	2020
[2]	EMIOT02	GSM Based Low-cost Gas Leakage, Explosion and Fire Alert System with Advanced Security.	EMBEDDED/IOT	2020
[3]	EMIOT03	Waste Water Management for Smart Cities.	EMBEDDED/IOT	2020
[4]	EMIOT04	Design and Implementation of an Interactive Road Safety System for Young Bikers.	EMBEDDED/IOT	2020
[5]	EMIOT05	Vehicle Accident Prevent cum Location Monitoring System.	EMBEDDED/IOT	2020
[6]	EMIOT06	IoT-Based Interactive Dual Mode Smart Home Automation.	EMBEDDED/IOT	2020
[7]	EMIOT07	A Novel Parking Management System, for Smart Cities, to save Fuel, Time, and Money.	EMBEDDED/IOT	2020
[8]	EMIOT08	Development of Voice Control and Home Security.	EMBEDDED/IOT	2020
[9]	EMIOT09	Towards A Novel Approach for Designing Smart Classrooms.	EMBEDDED/IOT	2020
[10]	EMIOT010	Animal monitoring based on IoT technologies.	EMBEDDED/IOT	2020
[11]	EMIOT011	Monitoring of Mining Workers At High Altitude.	EMBEDDED/IOT	2020
[12]	EMIOT012	Smart School Bus: Ensuring Safety On The Road For School Children.	EMBEDDED/IOT	2020
[13]	EMIOT013	An in-pipe leak detection robot	EMBEDDED/IOT	2020

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		with a neural-network based leak verification system.		
[14]	EMIOT014	A Face Recognition Method in the Internet of Things for Security Applications in Smart Homes and Cities.	EMBEDDED/IOT	2020
[15]	EMIOT015	OB CITY – Definition of a Family-Based Intervention for Childhood Obesity Supported by Information and Communication Technologies.	EMBEDDED/IOT	2020
[16]	EMIOT016	Automated Medical Waste Segregation Machine	EMBEDDED/IOT	2020
[17]	EMIOT017	Railroad Track Condition Monitoring Using Inertial Sensors and Digital Signal Processing: A Review.	EMBEDDED/IOT	2020
[18]	EMIOT018	Planning and Navigation of Climbing Robots in Low-Gravity Environments.	EMBEDDED/IOT	2020
[19]	EMIOT019	Diagnostic Measurement Practices for Instrument Transformers.	EMBEDDED/IOT	2020
[20]	EMIOT020	Design Of A Monitoring System For Waste Management Using IoT.	EMBEDDED/IOT	2020
[21]	EMIOT021	Multi Purpose Security System in Automobile Industry.	EMBEDDED/IOT	2020
[22]	EMIOT022	An Intelligent Dress Uniform Identification System.	EMBEDDED/IOT	2020
[23]	EMIOT023	A Two-Stage Data-Driven Approach for Image- Based Wind Turbine Blade Crack Inspections.	EMBEDDED/IOT	2020
[24]	EMIOT024	IoT application for real-time monitoring of Solar Home Systems based 3G connectivity.	EMBEDDED/IOT	2020

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[25]	EMIOT025	Vehicle breaking Support System.	EMBEDDED/IOT	2020
[26]	EMIOT026	Distributed Inference Condition Monitoring System for Rural Infrastructure in the Developing World.	EMBEDDED/IOT	2020
[27]	EMIOT027	Automatic Detection of Wind Turbine Blade Surface Cracks Based on UAV- taken Images.	EMBEDDED/IOT	2020
[28]	EMIOT028	ECG-Based Secure Health care Monitoring System.	EMBEDDED/IOT	2020
[29]	EMIOT029	A Health Remote Monitoring Application based on Wireless Body Area Network.	EMBEDDED/IOT	2020
[30]	EMIOT030	Intelligent Medicine Box For Medication Management Using IOT.	EMBEDDED/IOT	2020
[31]	EMIOT031	Health Monitoring and Tracking System For Soldiers using IOT.	EMBEDDED/IOT	2020
[32]	EMIOT032	A Smart Home Appliance Control System For Physically Disabled Person.	EMBEDDED/IOT	2020
[33]	EMIOT033	Design and Implementation of a Bluetooth-Based MCU and GSM for Wetness Detection.	EMBEDDED/IOT	2020
[34]	EMIOT034	Health Monitoring System for Elderly and Disabled People.	EMBEDDED/IOT	2020
[35]	EMIOT035	IoT Based Smart Edge for Global Health: Remote Monitoring with Severity Detection and Alerts Transmission.	EMBEDDED/IOT	2020
[36]	EMIOT036	IoT-Fog based Healthcare Framework to Identify and Control Hypertension Attack.	EMBEDDED/IOT	2020
[37]	EMIOT037	Non-invasive Flexible and Stretchable Wearable Sensors with Nano- based	EMBEDDED/IOT	2020

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		Enhancement for Chronic Disease Care.		
[38]	EMIOT038	Vital Sign Measurement in Telemedicine Rehabilitation Based on Intelligent Wearable Medical Devices.	EMBEDDED/IOT	2020
[39]	EMIOT039	Cattle Health Monitoring System Using Wireless Sensor Network.	EMBEDDED/IOT	2020
[40]	EMIOT040	Health-monitoring of pregnant women Design requirements, and proposed reference architecture.	EMBEDDED/IOT	2020
[41]	EMIOT041	A New Design Approach for Gesture Controlled Smart Wheelchair Utilizing Microcontroller.	EMBEDDED/IOT	2020
[42]	EMIOT042	Adjustment of Bed for a Patient Through Gesture Recognition.	EMBEDDED/IOT	2020
[43]	EMIOT043	An Intelligent Mobile Agents System for Sudden Infant Death Syndrome Monitoring.	EMBEDDED/IOT	2020
[44]	EMIOT044	Wearable Heart Rate Sensor Systems for Wireless Canine Health Monitoring	EMBEDDED/IOT	2020
[45]	EMIOT045	A Wireless Continuous Patient Monitoring System for Dengue;	EMBEDDED/IOT	2020
[46]	EMIOT046	On Access Control in Cabin-Based Transport Systems.	EMBEDDED/IOT	2020
[47]	EMIOT047	Arduino Based Smart Fingerprint Authentication System.	EMBEDDED/IOT	2020
[48]	EMIOT048	End to End IoT Based Hazard Monitoring System.	EMBEDDED/IOT	2020
[49]	EMIOT049	Monitoring Effect of Air Pollution on Agriculture using WSNs.	EMBEDDED/IOT	2020
[50]	EMIOT050	Bluetooth GPS Application Based On Latitude And Longitude For	EMBEDDED/IOT	2020

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		Child Tracking Model.		
[51]	EMIOT051	A Wireless Health Monitoring System Using Mobile Phone Accessories	EMBEDDED/IOT	2020
[52]	EMIOT052	Monitoring physiological variables of mining workers at high altitude	EMBEDDED/IOT	2020
[53]	EMIOT053	Novel Approach to Non-Invasive Blood Glucose Monitoring based on Transmittance and Refraction of Visible Laser Light	EMBEDDED/IOT	2020
[54]	EMIOT054	Private and Secured Medical Data Transmission and Analysis for Wireless Sensing Healthcare System	EMBEDDED/IOT	2020
[55]	EMIOT055	SelfPowered ZigBee Wireless Sensor Nodes for Railway Condition Monitoring	EMBEDDED/IOT	2020
[56]	EMIOT056	A Wireless Sensor Monitoring Node Based on Automatic Tracking Solarpowered Panel for Paddy Field Environment	EMBEDDED/IOT	2020
[57]	EMIOT057	Towards an Energy-Efficient Anomaly-Based Intrusion Detection Engine for Embedded System.	EMBEDDED/IOT	2020
[58]	EMIOT058	Anti-theft protection of vehicle by GSM & GPS with fingerprint verification	EMBEDDED/IOT	2020
[59]	EMIOT059	Embedded Control System for Smart Walking Assistance Device	EMBEDDED/IOT	2020
[60]	EMIOT060	Direct and indirect sensing two-axis solar tracking system	EMBEDDED/IOT	2020
[61]	EMIOT061	A smart meter design and implementation using ZigBee based Wireless Sensor	EMBEDDED/IOT	2020

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		Network in Smart Grid		
[62]	EMIOT062	Child Safety Wearable Device	EMBEDDED/IOT	2020
[63]	EMIOT063	Vehicle Information Communication Safety Combined with Mobile RFID System	EMBEDDED/IOT	2020
[64]	EMIOT064	Low Cost Assistive Outdoor Navigation System for Blind People	EMBEDDED/IOT	2020
[65]	EMIOT065	A Two-level Traffic Light Control Strategy for Preventing Incident-Based Urban Traffic Congestion	EMBEDDED/IOT	2020
[66]	EMIOT066	Real-Time Signal Quality-Aware ECG Telemetry System for IoT-Based Care Monitoring.	EMBEDDED/IOT	2020
[67]	EMIOT067	Real-time Traffic Light Recognition Based on Smart Phone Platforms	EMBEDDED/IOT	2020
[68]	EMIOT068	RFID-Based Attendance Management System	EMBEDDED/IOT	2020
[69]	EMIOT069	Towards Intelligent Arabic Text-to-Speech Application for Disabled People.	EMBEDDED/IOT	2020
[70]	EMIOT070	Design and Implementation of a Fingerprint Based Lock System for Shared Access.	EMBEDDED/IOT	2020
[71]	EMIOT071	Low-Cost, Real-Time Obstacle Avoidance for Mobile Robots	EMBEDDED/IOT	2020

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