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EMBEDDED SYSTEM LATEST 2019-20 IEEE TITLES

Sno	ANDROID BASED APPLICATIONS
1	Android Based Smart Home Using Bluetooth.
2	Multi-hop WBAN Construction for Healthcare Systems Using Android.
3	Development Of Blind Assistive Device in Shopping Malls.
4	Environment monitoring and device control using ARM based Embedded Controlled Sensor Network.
5	Model And Implementation Of Robotic Arm Using Android.
6	Smart Configuration Of Smart Environments.
7	Implementation Of Smart Restaurant With E-Menu Card In Smart Cities.
8	E Circular For Students Through Bluetooth.
	INTERNET OF THINGS(IOT) BASED APPLICATIONS
9	Challenges and Opportunities of Waste Management in IoT-enabled Smart Cities A Survey.
10	A Smart Approach On Collecting Working Condition Data From Home Appliances Under The Field Test
11	Secure IoT Platform For Industrial Control Systems
12	IoT Based Smart Energy Meter In Smart Cities.

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Rupai Midde Upstair , Trunk Road , Kavali.

***Ph** : 739655247 , 9133919787**

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BRANCHES: - KAVALI, VIJAYAWADA, GUDURU



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13	Super Cash Registers With Integrated GPRS Terminal
14	IoT Based School Children Transportation Safety System
15	Knowledge Based Real Time Monitoring System for Aquaculture Using IoT.
16	IoT Based Parking Manager
17	IoT Based Smart Healthcare Kit
18	Reconfigurable Smart Water Quality Monitoring System In IoT Environment
19	IoT Based Vehicle Tracking System.
20	IoT Based Occupancy Monitoring Techniques For Energy Efficient Smart Buildings.
21	An IoT Based Remote HRV(Heart Rate Variability) Monitoring System For Hypertensive Patients
22	A Location Aided Flooding Mechanism In Community Based IoT Networks
23	A Cyber Physical System For Environmental Monitoring
24	An IoT based Fire Alarming and Authentication System for Workhouse
25	IoT And RFID Based Rationing System
26	A Reconfigurable Smart Sensor Interface For Industrial WSN In IoT Environment
SATILLITE & MOBILE COMMUNICATION	

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27	Child Activity Reorganization And Auto Intimation System In Smart Cities.
28	Arm Hardware Platform For Vehicular Monitoring And Tracking
29	Vehicle Accident Detection and Automatic Remote Alarm Device
30	Automated Control System For Air Pollution Detection In Vehicles
31	RFID And GSM Based Stolen Vehicle Detection System.
32	Design And Implementation Of Elderly People Monitoring And Auto Intimation Systems.
33	An Innovative Non-intrusive Driver Assistance System for Vital Signal Monitoring
34	How Long To Wait? Predicting Bus Arrival Time With Mobile Phone.
35	A Child-Left-Behind Warning System Using GSM.
36	Concealed Alarm System Using GSM.
37	Child Safety Wearable Device.
38	Intelligent Safety Information Gathering System Using A Smart Black Box.
39	Electronic Protection For Exam Paper Leakage.
40	Emergency Alert For Women Safety With Location.
41	Vehicle Safety System With Ignition Security.

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42	Remote Controlling Of Home Appliances Using Mobile.
43	An Automatic Driver Drowsiness Alert System By Using GSM.
44	Anti Theft Protection Of Vehicle By GSM With Fingerprint Verification
45	Microcontroller Based Digital Meter With Alert System Using GSM.
	AUTHENTICATION SYSTEM BASED APPLICATIONS
46	RFID Based Attendance Management System.
47	Application Of RFID Technology And The Maximum Spanning Tree Algorithm For Solving Vehicle Emissions In Cities.
48	Passenger Bus Alert System For Easy Navigation Of Blind.
49	Fingerprint Based Authentication System In Exams.
50	Development Of Fingerprint And RFID Based Rationing System.
51	Design and Implementation of a Fingerprint Based Lock System for Shared Access
52	Smart Attendance Monitoring And Auto Paging System
53	Smart Shopping Trolley In Super markets.
54	Advance Automatic Toll Collection & Vehicle Detection During Collision using RFID
55	A Smart Bus Tracking System Based on Location-Aware Services.

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56	RFID And GSM Based School Children Transportation System.
57	RFID and ZIGBEE Based Manufacturing Monitoring System.
58	Design Of Solar Power Electronic Voting Machine.
59	Fingerprint Based ATM Security System.
WIRELESS COMMUNICATION BASED APPLICATIONS	
60	Wireless Sensor Network Based Agriculture Field Monitoring System.
61	Auto Floods & Tsunami Alerting Center.
62	Traffic Congestion Control With Automatic Signal Clearance for emergency vehicles.
63	Wireless Patient's Data Monitoring And Alerting System.
64	Portable Roadside Sensors For Vehicle Counting, Classification System.
65	Intelligent Street Light Automation With Illumination Control
66	Safety Helmet For Bike Authentication & Alcohol Sensing For Riders.
67	RFID and ZIGBEE based logistics monitoring system.
68	A Safety System For Mine Workers In Heavy Industries.
69	Auto Speed Controlling Of Vehicles.

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70	Real Time Building Zone Occupancy Detection And Activity Visualization.
71	A Parking Guidance And Information System Based On Wireless Sensor Network
72	A Safety System For Mine Workers In Heavy Industries.
73	Real time Monitoring and Control System for Green House based on 802.15.4 Wireless Sensor Network
74	WSN Based Smart Sensors And Actuator For Power Management In Intelligent Buildings.
75	A Reconfigurable Smart Sensor Interface For Industrial Wsn
MATLAB AND EMBEDDED BASED APPLICATIONS	
76	Face Reorganization System Based Door Access System.
77	Traffic Signal Detection And Auto Alerting System To The Drivers.
78	Product Detection And Label Reading System Using Android Application
79	Arm7 Based smart Car Security System.
80	Drowsiness Detection And Auto Alerting System Using Image Processing Technique.
81	Fruit Recognition System Using Image Processing Technique.
82	Recognition Technique For ATM Based On Iris Technology.

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83	Deep Representations For Face And Fingerprint Spoofing Detection.
	ROBOTICS APPLICATIONS
84	Automatic Detection And Notification Of Potholes On Roads To Aid Drivers
85	An Advanced Robot For Military Application.
86	Robust railway crack detection system.
87	Fire Fighting Robot.
88	Wireless Robot for Landmine Detection
89	Smart Host Microcontroller For Optimal Battery Charging In A Solar-Powered Robotic Vehicle
90	Human-Robot Collaboration Based On Motion Intention Estimation
91	Intelligent Car Lighting System using LDR
92	Advanced Vehicle Control Systems (AVCS)
	HANDGESTURE BASED APPLICATIONS
93	Embedded Control System For Smart Walking Assistance Device.
94	Portable Device To Assistive Talk With Dump People.
95	Hand Gesture Based Home Automation System For Bedside People.

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96	Design and development of Gait Detection in Stroke Patients.
97	ATM Theft Detection And Auto Arresting And Intimation System
98	Design And Development Of Personal Assistive Device For Elderly Persons.
GENERAL APPLICATIONS	
99	Intelligent pillbox Automatic and programmable Assistive Technology device
100	Pedestrian Crossing detection and intimation System
101	A Real Time Flood Alert System For Parking Lots.
102	Footstep based power generation system in shopping malls.
103	Intelligent Street Lighting system.
104	Automatic Drunken Driven Detecting System.
105	Intelligent Energy Management System In Smart Homes.
106	Design Of Intelligent Traffic Light Controller Using Embedded System
107	Role Of Wireless Sensor Networks In Forest Fire Prevention
108	Developing fish feeder system using ARM7

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109	Water Level Meter for Alerting Population about Floods
110	Voice Actuated Speaker-Dependent Control System for Hospital Bed

Dear Sir/Madam,

✓ **This is to inform that CEGON TECHNOLOGIES is providing IEEE/LIVE/APPLICATION/CUSTOMIZED PROJECTS in Kavali.**

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- PRACTICAL EXPOSURE TO ADVANCED TECHNOLOGIES.
- PLATFORM TO APPLY THEORETICAL CONCEPTS.
- BACK AND FRONT END PROGRAMMING SUPPORT
- HIGH APPLICATION ORIENTED TRAINING.

PROJECT SUPPORT TO REGISTERED STUDENTS

1) IEEE Base paper.

2) Abstract Document.

3) Future Enhancement (based on Requirement).

4) Modified Title / Modified Abstract (based on Requirement).

5) Complete Source Code.

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6) Final Report / Document

7) Review PPTS and Documents.

8) How to Run execution help file(Video File).

9) International Journal Publication/UGC CARE based on your project.

10) Complete Documentation According To College Format

11) Plagiarism Report

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