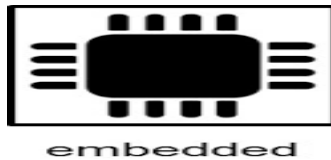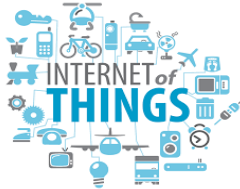# IGeekS Technologies
Bridging Technology.

For: - B. E | B. Tech | M. E | M. Tech | MCA | BCA | Diploma | MS | M. Sc |

IEEE
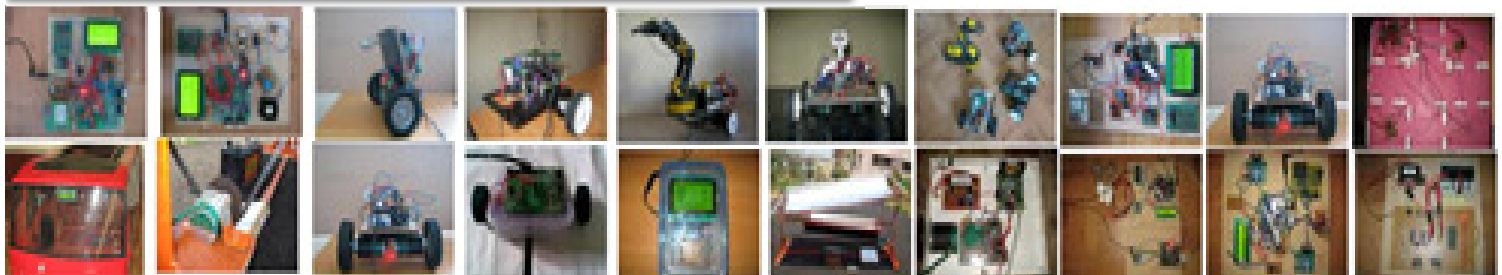### REAL TIME PROJECTS & TRAINING GUIDE
SOFTWARE & EMBEDDED

Java Microsoft .NET ANDROID

hadoop INTERNET of THINGS embedded

NS-2 NETWORK SIMULATOR MATLAB The Language of Technical Computing VLSI

ARM Cortex-A15 PHP MySQL

python raspberry pi MECHANICAL ENGINEERING

FINAL YEAR PROJECTS
IEEE & Application Projects

BE, Diploma, BSc M Tech, MCA, BCA

CS | Mechanical E & C | Electrical

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PROJECTS TITLES FOR ACADEMIC YEAR 2019-2020

S.No	PROJECT TITLES (2019-2020)
	BE ECE,EEE, Biomedical engineering, Instrumentation, Telecommunications Project Titles
1	18_3_IEEE_IOT – NAVGUIDE - Electric Aid For Visually Impaired People
2	CVUCAMS: Computer Vision based Unobtrusive Classroom Attendance Management System
3	Accelerometer-Based Human Fall Detection Using Convolutional Neural Networks
4	A Novel Cascade Classifier of Vehicle Unlocking System Based on Face Recognition
5	Clusters of Features Using Complementary Information Applied to Gender Classification From Face Images
6	19_6_IEEE_Automatic Control of Driver fatigue and drowsiness using Landmark Predictor
7	18_A Data Mining based Model for Detection of Fraudulent Behaviour in Water Consumption
8	18_A Framework for Real-Time Spam Detection in Twitter
9	Deep learning-based helmet wear analysis of a motorcycle rider for intelligent surveillance system
10	19_7_Student Eye Closure and Yawning Detection for Drowsiness Analysis & Control using Landmark Predictor
11	Shop Floor Operator Eye Closure and Yawning Analysis and Control using Landmark Predictor
12	EmoPlayer - Feature Extractor Approach for Emotion Based Music Player
13	18_Deep Air Learning Interpolation, Prediction, and Feature Analysis of Fine-grained Air Quality
14	18_Face Recognition and Age Estimation Implications of Changes in Facial Features
15	Gender Classification Using Sentiment Analysis and Deep Learning in a Health Web Forum
16	Modified Convolutional Neural Network Architecture Analysis for Facial Emotion Recognition
17	Motorcycle Helmet Wear Analysis using SIFT Feature Extractor Image Processing Algorithm
18	Image Cascade Classifier for Visitor, Seminar hall or Party Ambiance
19	Cooperative Sensing and Wearable Computing for Sequential Hand Gesture Recognition
20	Designing and Implementation of a Wireless Gesture Controlled Robot for Disabled and Elderly People
21	Gesture Controlled Wireless Agricultural Weeding Robot
22	A Blockchain -based Water Control System for the Automatic Management of Irrigation Communities
23	Design of a Multi Sensor-Based Low-Cost Educational Robot
24	Design of Smart Helmet for Accident Avoidance
25	Multiple UAVs-based Surveillance and Reconnaissance System Utilizing IoT Platform
26	Perfectly keyless - secure key management with fuel theft and vehicle anti-theft alert
27	Remote health monitoring of elderly through wearable sensors
28	An Approach based on a Robotics Operation System for the Implementation of Integrated Intelligent House Services System
29	State of Art on Possibility & Optimization of Solar PV-Wind Hybrid System
30	Temperature Sensed Obstacle Avoiding Robot
31	Real-time Eye Tracking for Password Authentication
32	Accelerometer-Based Human Fall Detection Using Convolutional Neural Networks
33	19_4_IEEE_Effective Heart Disease Prediction Using Hybrid Machine Learning Techniques
34	19_5_Sleepy behind studies - Student Drowsiness Control uisng Landmark Predictor
35	19_12_IEEE_Giving Voice to Vulnerable Children Machine Learning Analysis of Speech Detects
36	Identification of Plant Disease using Image Processing Technique
37	Leaf Disease Detection: Feature Extraction with K-means clustering and Classification with ANN
38	18_Deep learning based brain tumor classification and detection system
39	18_5_IEEE_IOT - Mobility Assistance Trainer For Visually Impaired
40	18_6_IEEE_Cotton Flucker And Fabric For Irrigation And Farm Monitoring
41	18_1_514_IEEE_Efficiency Improvement of Photovoltaic Panels by Design Improvement of Cooling System using Water Cooler
42	18_2_IEEE_IOT - SRE - Semantic Rules Engine for the Industrial Gateways
43	18_3_IEEE_NavGuide - Design and Construction of Electronic Aid for visually impaired people
44	18_4_IEEA Dual-Link Soft Handover Scheme for C/U Plane Split Network in High-Speed Railway
45	18_5_IEEE_A Hybrid Approach for Identification of Manhole and Staircase to Assist Visually Challenged
46	18_6_IEEE_IoT based Solar Powered Agribot for Irrigation and Farm Monitoring
47	18_6_IEEE_Cotton Flucker And Fabric For Irrigation And Farm Monitoring
48	18_7_IEEE_Study on Remote Control System of Rural Water Treatment Equipment
49	18_8_IEEE_A Survey on the Roles of Communication Technologies in IoT-based Personalized Healthcare
50	18_9_IEEE_Fast Access for ZigBee-enabled IoT Devices Using Raspberry Pi
51	18_10_IEEE_MANER Managed Data Dissemination Scheme for Wildlife Monitoring System
52	18_11_482_IEEE_ECSHUB - An Off Grid Bunk
53	18_14_200_IEEE_IOT V2I Communication - RSU Unit for Persistent Traffic Measurement

54	18_15_508_IEEE_IOT - Safe Drive - Dangerous Driving Recognition of Delivery Boys
55	18_17_IEEE_IOT Wearable - Municipal Crews in Secure with Smart Wear
56	18_18_IEEE_IoT – Smart Urban Data Logger – Environment and Garbage
57	18_19_IEEE_IOT - Distributed Strategy for Emergency Ambulance Routing
58	Wearable Device - Talking Medical Instrument
59	Wearable Device - Android - Talking Medical Instrument
60	Three level authentication system for tenable transaction and abridgment of ATM card
61	Talking Instrument – Electric Lab
62	Smart Soil Testing System For Farmers
63	Smart Engine Control Unit with Anti-Theft Scenario Aiding in Motorcycle Security
64	Sensor Node Security for Home Gas Leakage and Theft Alert
65	IOT V2I Communication – Rescue Time
66	IOT Based Smart Talking Energy Meter
67	IOT - Smart Socket for Residence with AWS
68	IOT – Smart Parking System through Website Reservation
69	IOT - Node MCU based real time data logger for monitoring weather for agricultural purpose
70	Bidirectional Visitor Counter in Library using Android
71	Automation Road Cleaning Robot
72	Anti-theft Protection of Vehicle by GSM & GPS Using RASPBERRY PI
73	An IOT Based Agriculture Application for Data Monitoring Based on Embedded and MATLAB Image Processing
74	Advanced Anti-Theft Protection of Vehicles Using RENESAS Micro Controller
75	466_Novel Recon? gurable Micro grid Architecture with Renewable Energy Sources
76	465_Mindwave based robot control and home automation
77	446_Personal Assistant for Elderly Person with Android App
78	416_Monthly Grocery Distribution System based on Family Members Count using RFID
79	409_Gesture Based Billing Trolley For Shopping Mall
80	333_IOT Based Remote Virtual Lab Industrial Automation using Cloud Server
81	IOT Wearable - Municipal Crews in Secure with Smart Wear
	IOT – AMAZON CLOUD SERVER (WEB SERVICES)
82	479_IoT Based Smart Geyser Automation wrt Environment Condition to Save Electricity
83	495_IOT based Novel Low-Cost Sensor for Human Bite Force Measurement
84	492_IOT - Smart Seating Management in Public Bus Transportation using IoT and Embedded system
85	423_IOT_Airport Baggage Conveyor and Voice notification using Android Technology
86	431_IOT Based Underground Cable Fault Detection
87	418_IOT-An Internet-of-Things Enabled Connected Navigation System for Urban Bus Riders
88	321_IOT based irrigation system with without internet and pump set control with status notification
89	228_IOT-HIVE Home Automation System for Intrusion Detection
90	195_IOT - Evidence Collection in Automotive Industry for Legal Claim
91	200_IOT-Intelligent Smart Traffic Management for Ambulance using RFID
92	228_IOT-HIVE Home Automation and Security System
93	402_IOT based Structural Health Monitoring of Flyovers
94	454_IOT Ayurvedic Medicine Beetel Leaf Vine Cultivation using IoT & Wireless Sensor Network
95	347_IoT based Refrigerator, Storage room and FMCG products stock monitoring with Email alert of Purchase Order
96	366_IOT based semi-automated rash driving detection by using Accelerometer sensors
97	405_IOT-Intelligent Food and Grain Storage Management System for Warehouse
98	376_IOT - ER Lock - Intelligent Anti-Theft Tracking and Accident Detection System for Automobiles Based on IOT
99	380_IOT-Electricity Energy Unit limits Per Sqft Land – Resource management responsibility per family
100	459_IOT based Garbage and Street Light Monitoring System
101	460_IoT & Android based On-Street and Off-Street Parking Availability Prediction & Space Reservation
102	459_IOT Based Monitoring and Smart Planning of Urban Solid Waste Management
103	484_IOT-Residence Energy Control System Based on Wireless Smart Socket and IOT
104	454_IOT Ayurvedic medicine Tulasi, Mint, Turmeric Land Farming with IoT & WSN
	IEEE 2017 EMBEDDED PROJECT TITLES
105	17_1_IEEE_Ad world – Useless Space, Endless Opportunity - Analysis and Prediction of Visitors.
106	17_2_63_IEEE_IOT- Industrial CAN Analyzer For Production QC.
107	17_3_107_IEEE_IoT based Smart Greenhouse

108	17_4_IEEE_Robotic Fire Detector, Extinguisher, Analyzer and Emergency Alert
109	17_5_459_IEEE_Dynamic Solid Waste Collection and Management
110	17_6_Design and Implementation of a Fingerprint Based Lock System for Shared Access
111	17_7_IEEE_IOT – CLCTO – Co-operative Logistics Cargo Transport Optimization
112	17_8_IEEE_Blister Testing in Drug Industry
113	17_9_477_Campus Navigator with Speech Assistance
114	17_10_367_IEEE_Posture Analysis - Physical Activity and Behaviour Recognition
115	17_11_469_IEEE_ECG_Prototype Development of Monitoring System in Patient Infusion with Wireless Sensor
	NETWORK EMBEDDED BASED PROJECTS
116	17_12_284_IEEE_Terrian Mapping - Towards Automated Map Updating for Mobile Robot Localization
117	17_13_Android - Design and Implementation of Automated Blood Bank using Embedded Systems
118	17_13_Raspberry-Pi Based Embedded Blood Donating Application
119	17_14_IEEE_Automated Lighting System for Park Pathways
120	17_15_IEEE_Efficient Remote Control System using SMS Technology for Outdoor Security Lighting Applications
121	17_16_46_IEEE_Development of Intelligent Power Wheelchair
122	17_17_94_A New Approach for Designing a Smart Glove for Sign Language Recognition
123	17_18_Smart Traffic Control System Using Image Processing
124	17_19_IEEE_Wearable Enabling Human Cloud Integration in Next Generation Healthcare Systems
125	17_20_Anti-Piracy Screen
126	17_20_IEEE_Movie Piracy Tracking using Temporal Psycho visual
127	17_21_Talking Energy Meter
128	17_22_IOT - Bellandur Lake - Analysis and Metering of Industrial Waste Water
129	17_26_IOT-Industrial Breath Exhale
	RASPBERRY PI BASED PROJECTS
130	PI1_Raspberry PI Based Wireless Electronic Notice Board
131	PI2_Raspberry PI based implementation of digital advertise boarding with email alert to end customer
132	PI3_Raspberry PI - IEEE - An Implementation of Digital Advertising Board Using Mini PC
133	PI4_IOT - Raspberry PI Based Global Industrial Process Monitoring Through Wireless Communication
134	PI5_Raspberry PI Based Global Industrial Process Monitoring Through Wireless Communication
135	PI6_Raspberry PI- IEEE - HIVE Home Automation and Security System
136	PI7_Raspberry PI- Remote Virtual Lab Access and capturing physical image of laboratory
137	PI8_Raspberry PI - Gesture based Email Access and Voice Command for Blind and Dumb
138	PI9_Raspberry PI Based Deadly School Van Monitoring System with E-mail Alert
139	PI10_Raspberry PI - Job Vacancy? Handicap, Drop your Resume
	INNOVATIVE PROJECTS
140	329_IOT – ChargeItSpot
141	IOT based Delivery Boys Safety Control and Bike Analyzer
142	Job Vacancy? Handicap, Drop your Resume
143	Swatch Abhiyan - Door-to-Door Pickup of Household Hazardous Waste
144	195_Evidence Collection in Automotive Industry for Legal Claim – Min
145	3_Implementing Peripherals Using 32-BIT ARM uC
146	7_Implementing Peripherals Using 8051 uC
147	21_Android based Sign Board Detection with Image & Voice Alert System
148	21_Application of RF Technology to Solve Traffic Signal Scheduling by Monitoring the Vehicle Intensity in the Particular Road
149	50_Airport Electronic Passport System and Toll Collection System Using RFID Technology
150	73_student attendance management system
151	89_Remote Airfield Lighting System
152	122_Hitech Jail
153	194_Microcontroller Based Auto College Bell With Speaker Announcement
154	195_Evidence Collection in Automotive Industry for Legal Claim
155	197_Automatic Shuttling of Metro Train between Stations
156	200_Implementing Intelligent Traffic Control System for Congestion Control, Ambulance Clearance, and Stolen Vehicle Detection
157	201_Integrated and Automated Vehicle Bay Arrangement System to Avoid Congestion in a Public Parking Area
158	210_Real Time Automation In Paddy Field With Security
159	211_ Fault detection and correction of AC motor

160	215_Automatic Visitor Count with Room Light Control
161	220_Customised Wireless Sensor Node to Detect Hazardous Gas Pipeline Leakage
162	238_An Automatic Embedded Toll Plaza with Document Verification and Speed Detection System
163	240_Wireless power theft, overvoltage and overload monitoring system
164	256_Aadhar Card based Biometrics Electronic Voting System with Embedded Security Along With Remote Access
165	256_Biometrics Using Electronic Voting Sys with Embedded Security Along With Remote Access and Threaten Alert to Election Board
166	257_Design and Implementation of a Power Converter for Electric Bike with Charging Feature
167	271_Intelligent Wireless Connectivity within an Internal Home Network using Renesas RL78 Microcontroller
168	275_Wireless Speed Control of Single Phase AC Induction Motor
169	276_GSM Based Industrial Disaster Intimation Control System (GIDICS)
170	281_GPS based virtual fencing
171	284_IEEE_Terrian Mapping - Towards Automated Map Updating for Mobile Robot Localization
172	285_Train Collision Avoidance Using Vibration Sensor & Micro-Controller
173	294_Attitude and Heading Reference (AHRS) System for Aerospace application
174	298_Density Based Traffic Signal Control & Intelligent Ambulance For City Traffic with Zigbee communication
175	313_E Glove- Palm and Fingerprint sensor gesture based for Pick and Place remotely using RF Transmitter and Receiver
176	315_Solar powered house and transmitting the extra power to the government mains
177	317_Tracking and Information gathering system using GPS and GSM Technology
178	318_Satellite and RF Enabled Assistance for Marine Navigation
179	319_Renesas Based Renewable energy - 12V DC Power generation using Back EMF & Solar for LED load
180	321_Bird - Solar Powered Irrigation with auto control of pump & SMS alert
181	321_Solar powered Irrigation with auto control of pump & SMS alert
182	325_speech based high alert building automation and security alert through android with earthquake alert
183	326_Speech based control & alert system for senior citizens using android mobile
184	329_coin based universal mobile battery charger using solar panel
185	329_Coin Based Universal Mobile Battery Charger, Purified Drinking Water with Emergency Alert System
186	329_Coin Based Universal Mobile Battery Charger
187	333_IOT - Web Laboratory- Remote Virtual Lab Access With Graph Generation.
188	343_A Review on Design of Automated Floor Cleaning System
189	343_Autonomus Cleaning Robot
190	350_GPS based child tracking with server & SMS alert to parents
191	356_Rotating solar system for automobiles with Boost & charge control
192	357_Eye-Blink Control to Navigate a Wheel Chair of a Paralyzed Individual
193	362_Human Detection In Natural Disaster using ANDROID Technology
194	366_A_MEMS Accelerometer sensors based semi-automated rash driving
195	366_MEMS Accelerometer sensors based semi-automated rash driving & traffic signal jump detection unit
196	366_Rash Driving Detection And Collision (Accident) Avoidance System With Steering Controlled Headlight Mechanism Of Vehicles.
197	367_Physical Activity and Behaviour Recognition of One-Two Year Old Child with Real time data collection for Doctors Observation
198	372_Implementation of the Driver Drowsiness Detection System
199	373_Energy Efficient Led Lighting System For Commercial Purpose
200	374_Automated System In Public Places Having Multiple Applications
201	375_Remote Control System of High Efficiency and Intelligent Street Lighting using Android Server
202	379_Designing a complete vehicle immobilization system integrated with a personalized alert mechanism
203	380_Theft_Electricity Energy Unit limits Per Sqft Land – Resource management responsibility per family
204	381_Android - Gesture based Email Access and Voice Command for Blind and Dumb
205	381_Hand gesture based communication for Military and Patient Application
206	381_Real time communication between dumb, deaf and blind people using voice & gesture with Android
207	381_Real time communication between dumb, deaf and blind people using voice & gesture with Matlab
208	390_Embedded System Based Eye Movement & Gesture based Communicating for Paralyzed Person
209	391_Passenger BUS Alert System for Easy Navigation of Blind
210	391_Passenger BUS Alert System for Easy Navigation with Speech Recognition
211	391_Speech Recognition based Passenger Bus Alert System for Senior Citizens
212	392_Smart Device for Optimal Use of Stored Renewable Power with Automatic Switching using Matlab

213	396_Low Power Wireless Sensor Network For Building Monitoring
214	396_Micro-Electronics Methodology for Automation of Factory Using Integrated Networks on a Wireless Media
215	397_Design And Development Of Fall Detector Using Fall Acceleration
216	398_Intelligent Radio Frequency Identification Technology in Academic Management System
217	400_Design of an Environmental Monitoring for Applications
218	401_Heavy Vehicle Alert & Intimation System For Traffic Police Using Load Sensor Using GSM
219	402_Bridge Condition Monitoring System Using Wireless Network
220	404_Android application voice output based anti-fuel theft system for vehicles with alarm
221	404_Central Locking Control using Android Application with Fuel Theft Voice Alert
222	404_Headlight Central Locking Control using Android Application with Fuel Theft Voice Alert
223	404_Rash Drive - Central Locking Control using Android Application and Rash Driving Monitoring
224	404_RFID Central Locking Control using Android Application with Fuel Theft Voice Alert
225	405_(Motor)Intelligent Food Management System-Maintenance of Agro and Non-Agro Foods in Cold Storage Warehouse
226	405_Intelligent Food Management System-Maintenance of Agro and Non-Agro Foods in Cold Storage Warehouse
227	406_An Environmental Pollution Detection Systems in Automobiles using Control System Automation with Renesas RL78
228	407_Fire Avoidance and Electric Circuit Breaker System in Train along with Alerting Approaching Station
229	408_Pedestrians Safety, Anti Acceleration and Image Indication of Highway Sign Board with Speech Alert
230	411_Design and Implementation of Client-Server based Remote Machine Control System using Web Services for Industrial applications
231	416_Automatic Ration Material Distributions Based on GSM and Finger Print Scanner Technology
232	416_Monthly Glossary Distribution System based on Family Members Count using RFID as Unique ID card
233	417_Advanced Passenger Security System for Radio Cabs with Video Transmission and Enhanced System Security with Biometric Module
234	420_A Reconfigurable Smart Sensor Interface for Industrial WSN in IoT Environment using web server
235	420_Industrial Data Acquisition System with Smart Wireless Sensor Interface based on Internet of Things using Wi-Fi Network
236	421_Missile detection and automatic destroyer system
237	422_On_Road Real Time Vehicle Emission CO2 Level Threshold Inspection With Email Alert Dotnet
238	423_Airport Baggage Conveyor and Voice notification using Android Technology
239	424_Wirless Communication, Monitoring and Security System Embedded Safety Helmet for Real Time Applications
240	429_Substation Phase Controller for automatic load shedding with overload alert
241	431_Underground Cable Fault Detection and Alert with Voice Commands using FN-M16P.
242	433_WSN & MEMS Technology Based Attender Calling System
243	435_IEEE_A System for Automatic Notification and Severity Estimation of Automotive Accidents
244	437_E-Cradle for Infant Care with Android Speech alert for dangerous conditions
245	437_Evaluation of Respiratory & Non-Respiratory Movements of Infants with Care taker voice using FN-M16P module
246	438_Women Anti Rape Belt
247	439_Fault Analysis and Electrical Protection of Distribution Transformer with FN-M16P MP3 Unit
248	440_An Embedded system and RFID solution for transport related issues
249	442_Enhancing Coal Mine Safety with Wireless Sensor Networks Using Bluetooth Technology
250	443_Android_Robust Railway Crack Detection Scheme (RRCDS) Using LED-LDR Assembly
251	443_Robust Railway Crack Detection Scheme (RRCDS) Using LED-LDR Assembly
252	445_Automatic Transformer Load sharing system with SMS Altering
253	445_GSM Based Power Sharing Of Transformer with Automatic Load Shedding System
254	449_Design and Development of Object Recognition and Sorting Robot for Material Handling in Packaging and Logistic Industries
255	451_Embedded Fuzzy ZigBee Based Irrigation System for Home Gardens
256	452_Controlling of Electrical Devices with Automatic Active Phase Selector
257	452_Remote Monitoring and Controlling of Electrical Devices with Automatic Active Phase Selector
258	459_Android - An Approach for Monitoring and Smart Planning of Urban Solid Waste Management
259	459_Garbage and Street Light Monitoring System with Automatic Door Mechanism
260	460_Android based On-Street and Off-Street Parking Availability Prediction & Space Reservation
261	460_Smart Parking for College using RFID Technology
262	461_Design and Fabrication of Liquid Dispensing Machine Using Automatic Control for Engg Industry
263	463_Android - Implementation of Smart City Management System with Speech alert
264	463_SMART CITY AND MANAGEMENT - Parking, Disaster, Waste Management
265	463_SMART CITY MANAGEMENT - Traffic System, Ambulance & Street Light

266	469_Prototype Development of Monitoring System in Patient Infusion with WSN
267	471_Android-GreenCharge Managing Renewable Energy in Smart Buildings
268	472_Multiple Account Automated Biometric Based Access in Automatic Teller Machine – ATM
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270	475_An RFID based Smartphone Proximity Absence
271	476_Antismuggling System for Trees in Forest with Solar power generation
272	479_Wireless power theft, overvoltage and overload monitoring system And geyser automation
273	481_GPS based vehicle toll collection system
274	485_Alternate Energy from Busy Road for Development of Smart City - Thermal & Piezo
275	485_Alternate Energy from Busy Road for Development of Smart City
276	486_Android Based Deadly School Van Monitoring System with Speech Alert
277	487_Android-Design and Development of an Authentication Device for Examination using Fingerprints
278	489_Biometric and Laser Based Safe Locker Security System
279	490_Android - Design and Implementation of Automated Blood Bank using Embedded Systems
280	491_Research and Design of Embedded Timber Drying Monitoring System
281	498_Design And Implementation Of Driverless Car To Recognize Traffic Signs Using MATLAB And Android Device IP Camera
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282	480_AmbuBot - Robotic Automated External Defibrillator Ambulance for Emergency Medical Service in Smart Cities
283	46_Gesture and Speech based wheel chair control for physically challenged person using Android Bluetooth technology
284	453_Automated Waste Segregator
285	189_Converyor System Automated Restaurant Management System
286	87_Bluetooth embedded robotic agriculture plowing, seeding and grass cutting powered by solar energy
287	468_Pot hole detection sensor robot notifying its location to the local authority via android
288	249_Automatic and intelligent car motion
289	223_Automated Book Picking Robot for Libraries
290	189_Robotic automated food service provider is hotel with android based individual menu system
291	214_Android - Design of an Intelligent Combat Robot for war field
292	249_Unmanned autonomous vehicle control
293	46_Speech based wheel chair control for physically challenged person using Android Bluetooth technology
294	192_MAZE ROBOT
295	87_BlueTooth embedded robotic lawn mover powered by solar energy
296	164_IOT Based Multi Function War Assistance Robot
297	110_Embedded LAND ROVER with Sensor Interface with ZigBee Technology
298	114_Flex & Acceleration used Hand Gesture control of Robot with MP3 Voice output
299	114_Hand Gesture based Robot control with Pick and Place Operation using Accelerometer
300	145_multicontrol_robot
301	169_Two Axis Based Solar Tracking for Power Conservation in Irrigation System
302	173_Industrial Conveyor Batch Counter for Packing Automation
303	87_Seed Sowing Plowing and Waste Grass Cutting Robot with Android Application
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304	403_Android based Monitoring Human Knee Joint Movement Using Wearable Computing
305	478_Embed_Rapid Entire Body Postural Analysis Assessment Device for Computer Operators
306	266_Operation Theatre Automation & Control (OTAC)
307	180_Android - Electronic Stick and Android Smartphones to the Aid of Blindly Disabled Individuals
308	92_Android based patient monitoring in hospitals and old ages at home
309	109_IOT and E Glove based nurse calling system
310	180_Ultrasonic Haptic Vision System For Blindly Disabled Individuals
311	185_Accessible Electronic Interaction for People with Partial Paralysis
312	185_Head movement based wireless communication with speech alert for Paralyzed Person
313	270_NICU Monitoring
314	495_Android based Novel Low-Cost Sensor for Human Bite Force Measurement
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316	444_ANY TIME MEDICINE
317	403_Android based Monitoring Human Insole Movement Using Wearable Computing
318	446_Elderly person Activity Tracking Application using Android Smartphone
319	495_Matlab based Novel Low-Cost Sensor for Human Bite Force Measurement

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321	46_Speech based wheel chair control for physically challenged person using Android Bluetooth technology	
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325	87_Seed Sowing Plowing and Waste Grass Cutting Robot with Android Application	
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327	458_Crop Leaf Area Index Observations with a Wireless Sensor Network and Its Potential for Validating Remote Sensing Products	
328	87_BlueTooth embedded robotic lawn mover powered by solar energy	
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	CAN PROTOCOL	
330	464_Design & Implementation of Smart City Using Controlled Area Network Protocol for Controlling Purpose	
331	466_CAN based control unit for a Novel Reconfigurable Micro grid Architecture with Renewable Energy Sources	
332	425_Vehicle Control for Pedestrians Safety Using CAN Protocol For Implementing the Intelligent Braking System	
333	63_CAN Test Analyzer for quality testing in Automobile Production Plant with Authorized Report Generation	
334	249_Co-Operative Adaptive Cruise Control (CACC) Based On CAN Protocol Using Microchip	
335	425_Vehicle Control Using CAN Protocol For Implementing the Intelligent Braking System	
	1.Noise Detector with Automatic Recording System Using Arduino With The IoT.	
	2.Wireless Biometric Lock Using Arduino With The IoT.	
	3.Multi-Language Voice Control IOT Home Automation Using Google Assistant and Raspberry Pi.	
	4. Smart Arduino Touch Switch Board For Home Automation With IoT.	
	5. Smart Home Security System With Automatic Phone Calling System Using Arduino With The IoT.	
	6. IoT-Based PM2.5 and PM10 Air Quality Monitoring System.	
	7. ESP8266 based wireless web server.	
	8. IoT Based Smart Camera.	
	9. Air Pollution Meter.	
	10. Home Automation.	
	12.Wireless Video Surveillance Robot	
	16. Sign To Speech Using the Internet of Things.	
	17. IoT Home with Hindi Voice Commands using Google Assistant & ESP32.	
	18. IoT and Touch-Based Home Automation.	
	19.A Comparative Study on Internet of Things (IoT) and its Applications in Smart Agriculture	
	20.A New Early Warning Method of Train Tracking Interval Based on CTC	
	21.A Real-Time Flood Alert System for Parking Lots	
	22.Fingerprint and iris biometric controlled smart banking machine embedded with GSM technology for OTP	
	23.Challenges and Opportunities of Waste Management in IoT-enabled Smart Cities: A Survey	
	24.A Smart Approach onCollecting Working Condition Data from HomeAppliances under the Field Test.	
	25.A Navigation and Reservation Based Smart Parking Platform Using Genetic Optimization for Smart Cities	
	26.An IoT Platform integrated into an energy efficientDC lighting grid	
	27.Design of Bus Tracking and Fuel Monitoring System	
	28.Design of a Solar Power Electronic Voting Machine	
	29.Design and Implementation of a Fingerprint Based Lock System for Shared Access	
	30.Design of an IoT based autonomous vehicle with the aid of computer vision	
	31.Application of Wireless Sensor Network in Water Quality Monitoring	
	32.An IoT Enabled Real-Time Communication and Location Tracking System for Vehicular Emergency.	
	33.An IoT based Fire Alarming and Authentication System for Workhouse using Raspberry Pi 3	
	34.Implementation of speech based home automation system using Bluetooth and GSM	
	35.Hand Gesture Recognition based on ShapeParameters	
	36.Environment monitoring and device control using ARM based Embedded Controlled Sensor Network	
	37.Design of Intelligent Home Appliance ControlSystem Based on ARM and ZigBee	
	38.Design of Emergency Remote Security Monitoring and Control System Based on ARM	
	39.An automatic driver drowsiness Alert system by using GSM	
	40.An Advanced Security System Integrated With RFID Based Automated Toll Collection System	
	41.Advance Automatic Toll Collection &Vehicle Detection During Collision using RFID	
	42.RFID-based Production Data Analysis in an IoT-enabled Smart Job-shop	
	43.IoT-Driven Automated Object Detection Algorithm for Urban Surveillance Systems in Smart Cities.	

44.Design of an energy efficient Iot enabled smart system based on DALI network over MQTT protocol
45.IoT based smart museum using Bluetooth Low Energy.
46.Knowledge Based Real Time Monitoring System for Aquaculture Using IoT.
47.Identifying parking spaces & detecting occupancy using vision-based IoT devices
48.Low-cost Smart Refrigerator
49.Smart water management using IOT
50.RFID-Based Attendance Management System
51.Open source embedded data logger design for PV system monitoring
52.An IoT Based Remote HRV Monitoring System for Hypertensive Patients
53.A ZigBee based energy efficient environmental monitoring, alerting and controlling system
54.Reconfigurable Smart Water Quality Monitoring System in IoT Environment
55.Performance Enhancement and IoT Based Monitoring for Smart Home
56.Multiple Motion Control System of Robotic Car Based on IoT to Produce Cloud Service.
57.Microcontroller based Digital Meter with Alert System using GSM
58.IoT based vehicle parking manager
59.Investigation of a new technology of controlling electrical apparatus via a smart phone
60.Internet of Vehicles (10 V) forTraffic Management
61.Fuel Management System
62.Electrical Appliances Control Prototype by Using GSM Module and Arduino
63.Dynamically Controlling Exterior and Interior Window Coverings through IoT for Environmental Friendly Smart Homes
64.Developing fish feeder system using Raspberry Pi
65.Design and Implementation of Remotely Located Energy Meter Monitoring with Load Control andMobile Billing System through GSM
66.Design and Implementation of Real TimeTransformer Health Monitoring System Using GSMTechnology
67.EMACS : Design and implementation of indoor environment monitoring and control system
68.Child Safety Wearable Device
69.Challenges and Opportunities of Waste Management in IoT-enabled Smart Cities: A Survey
70.Body and Fall Detection Systemwith Heart Rate Monitoring
71.Anti-theft Protection of Vehicle by GSM & GPS withFingerprint Verification
72.RFID-based Production Data Analysis in an IoT-enabled Smart Job-shop
73.IoT-Driven Automated Object Detection Algorithm for Urban Surveillance Systems in Smart Cities.
74.Hand Gesture Recognition based on Shape Parameters
75.Environment monitoring and device control using ARM based Embedded Controlled Sensor Network
76.Design of Intelligent Home Appliance Control System Based on ARM and ZigBee
78.Design of Emergency Remote Security Monitoring and Control System Based on ARM
79. Challenges and Opportunities of Waste Management in IoT-enabled Smart Cities: A Survey.
80.Design of an IoT based autonomous vehicle with the aid of computer vision
81.Design of an energy efficient Iot enabled smart system based on DALI network over MQTT protocol
82.IoT based smart museum using Bluetooth Low Energy.
83.Knowledge Based Real Time Monitoring System for Aquaculture Using IoT.
84.An IoT Enabled Real-Time Communication and Location Tracking System for Vehicular Emergency.
85.Identifying parking spaces & detecting occupancy using vision-based IoT devices.
86.Low-cost Smart Refrigerator
87.Implementation of speech based home automation system using Bluetooth and GSM.
88.Application of Wireless Sensor Network in Water Quality Monitoring
89.Open source embedded data logger design for PV system monitoring
90.Fingerprint and iris biometric controlled smart banking machine embedded with GSM technology for OTP
91.A ZigBee based energy efficient environmental monitoring, alerting and controlling system
92.Smart water management using IOT
93.Cost-Efficient Provisioning Strategy for Multiple Services in Distributed Clouds
94.IoT based Smart HealthCare Kit
95."Teach Me–Show Me"—End-User Personalization of a Smart Home and Companion Robot
96.Datacenter at the Airport: Reasoning about Time-Dependent Parking Lot Occupancy
97.An Integrated Cloud-Based Smart Home Management System with Community Hierarchy
98.A Framework for Environmental Monitoring with Arduino-based Sensors using Restful Web Service
99.Web based Automatic Irrigation System using wireless sensor network and Embedded Linux board
100.Development of Android based on-line monitoring and control system for Renewable Energy Sources
101.Multi-hop WBAN Construction for Healthcare IoT Systems
102.Application of gprs technology in water quality monitoring system
103.Enabling Reliable and Secure IoT-based Smart City Applications

104.A Smart System Connecting e-Health Sensors and the Cloud
105.Water management system using dynamic IP based Embedded Webserver in real time
106.Water Level Meter for Alerting Population about Floods
107.Intuitive IoT-based H2U Healthcare System for Elderly People
108.Effective Ways to Use Internet of Things in the Field of Medical and Smart Health Care
109.Big Data Challenges in Smart Grid IoT (WAMS) Deployment
200.Building Smart Cities Applications using IoT and Cloud-based Architectures
201.Design and implementation of automated blood bank using embedded systems
202.Web based automatic irrigation system using wireless sensor network and embedded Linux board
203.Smart drip irrigation system using raspberry pi and arduino
204.A smart system connecting e-health sensors and the cloud
205.The real time monitoring of water quality in IoT environment
206.Design and management of an intelligent parking lot system by multiple camera platforms
207.RoboSantral: An autonomous mobile guide robot
208.An Internet of things approach for motion detection using Raspberry Pi
209.Monitoring and controlling of smart equipments using Android compatible devices towards IoT applications and services in manufacturing industry
210.Computer vision based vehicle detection for toll collection system using embedded Linux
211.EURIDICE — IoT applied to logistics using the Intelligent Cargo concept
212.Web based automatic irrigation system using wireless sensor network and embedded Linux board
213.Design and development of sensor-based mini projects for embedded system laboratory using ARM Cortex-M3(LPC1768)
214.Pibot: The raspberry pi controlled multi-environment robot for surveillance & live streaming
215.Enabling reliable and secure IoT-based smart city applications
216.A CAN protocol based embedded system to avoid rear-end collision of vehicles
217.Design of a home multi-robot system for the elderly and disabled
218.An intervention study on automated lighting control to save energy in open space offices
219.Computer vision based vehicle detection for toll collection system using embedded Linux
220.Raspberry Pi for Automation of Water Treatment Plant
221.Design and operation of Wi-Fi agribot integrated system
222.Acquisition and management of biomedical data using Internet of Things concepts
223.Agricultural Drought Data Acquisition and Transmission System Based on Internet of Things
224.Real time vehicle monitoring and tracking system based on embedded Linux board and android application
225.Raspberry PI based global industrial process monitoring through wireless communication
226.A low cost smart irrigation control system
227.The real time monitoring of water quality in IoT environment
228.A Novel Wireless Multifunctional Electronic Current Transformer based on ZigBee-based Communication
229.The Glasgow Raspberry Pi Cloud: A Scale Model for Cloud Computing Infrastructures
230.Raspberry Pi based Interactive Home Automation System through E-mail
231.A Cloud Network-based Power Management Technology for Smart Home Systems
232.Automated Irrigation System Using a Wireless Sensor Network and GPRS Module
233.Application of Data Acquisition System for Superconducting Quantum Interface Devices (SQUID) at Remote Location
234.Implementation of a Web of Things based Smart Grid to remotely monitor and control Renewable Energy Sources
235.Surveillance System with Light Sensor
236.Application of RFID Technology and the Maximum Spanning Tree Algorithm for Solving Vehicle Emissions in Cities on Internet of Things
237.A survey of Internet-of-Things: Future Vision Architecture, Challenges and Services
238.Plantation Monitoring System Based on Internet of Things
239.Design of on-line Interactive Data Acquisition and Control System for embedded real time applications
240.IOT Gateway: BridgingWireless Sensor Networks into Internet of Things
241.Intelligent Early-Warning System for Landslides Based on the ZigBee Network
242.Gateway: BridgingWireless Sensor Networks into Internet of Things
243.Application of data acquisition system for Superconducting Quantum Interface Devices (SQUID) at remote location
244.Implementation of a Web of Things based Smart Grid to remotely monitor and control Renewable Energy Sources
245.Internet of vehicles: From intelligent grid to autonomous cars and vehicular clouds
246.Design and development of a networked health monitoring and control system
247.Wind speed measurement and alert system for tunnel fire safety
248.Multi-channel data acquisition and data logging for Green House application
249.User Interactive and Assistive Fleet Management and Eco-Driving System
250.Low cost internet based wireless sensor network for air pollution monitoring using Zigbee module

251.BIO-monitoring system with conductive textile electrodes integrated into t-shirt
252.Implementation of a remote data logging system
253.Acquisition and elaboration of cardiac signal in android Smartphone devices
254.Mobile data acquisition towards contextual risk assessment for better disease management in diabetes
255.An adaptable and extensible mobile sensing framework for patient monitoring
256.Ubiquitous Data Accessing Method in IoT-Based Information System for Emergency Medical Services
257.Research of Architecture and Application of Internetof Things for Smart Grid
258.Vehicle Data Acquisition and Telemetry
259.Design of a dielectrophoresis-based portable device for monitoring pollution in water deposits
260.Smart vehicle connectivity for safety applications
261.Application of RFID technology and the maximum spanning tree algorithm for solving vehicle emissions in cities on Internet of Things
262.An App for Promoting Health and Local Tourism
263.Anti-theft application for android based devices
264.Design and implementation of vehicle tracking system using GPS/GSM/GPRS technology and smartphone application
265.An intelligent target localization in wireless sensor networks
266.Design aspects for a reference M2M communication platform for Smart Cities
267.Smart Lighting Solutions for Smart Cities
268.Utilizing M2M Technologies for Building Reliable SmartCities
269.Implementation of a Web of Things based Smart Grid to remotely monitor and control Renewable Energy Sources
270.A multi-parameter signal monitoring system based onCortex-M3
271.Design of the wireless monitoring system of solar lamps based on ZigBee and GPRS
272.Automated Irrigation System Using a Wireless Sensor Network and GPRS Module
273.Research of real-time agriculture information collection system base on mobile GIS
274.Design and implementation of vehicle tracking system using GPS/GSM/GPRS technology and smartphone application
275.Controlling electric vehicle charging in the smart grid
276.A survey of Internet-of-Things: Future vision, architecture, challenges and services
278.Solid Waste Management Architecture Using Wireless Sensor Network Technology
279.SVASTHA: An effective solid waste management system for Thiruvalla Municipality in Android OS

SMART MIRROR(face recoginition + Voice assistance(OK Google/Alexa)+Weather forecast+Mail reader+Home automation+….etc)
Animal classification using facial images with score-level fusion
Machine Learning in Video Surveillance for Fall Detection
Implementation of Machine Learning for Gender Detection using CNN on Raspberry Pi Platform
Assistive Device for Blind, Deaf and Dumb People using Raspberry-pi.
Handwritten Digit Recognition Using Deep Learning
Vehicle Number Plate Detection System For Indian Vehicles
An Approach to Maintain Attendance using Image Processing Techniques
Text Recognition And Face Detection Aid For Visually Impaired Person Using Raspberry Pi
Automatic Semantic Face Recognition
Speed Detection Camera System Using Image Processing Techniques On Video Streams
Drowsiness detection using Image processing(OpenCV) and Machine learning
Sign Language Recognition with OpenCV and machine learning
Charather recognition using gesture
Leaf diease detection autonomous robot using Machine learning
Facerecognition based automatic door unlock system
Age ,gender and face detection using ML
Image captioning (Google lens)
Crowd counting
Smart traffic signalling based on haar cascade classifier and ML
Device to communicate with blind people using sign language Recognition to Speech and text
Automated Waste Segregator using image processing
Deep Neural Networks Based Recognition of Plant Diseases by Leaf Image Classification
Data science processing on stock market and web scrapping /API approach to kite connect
A Third Eye(device that makes a blind person's life to lead a normal life(READ news,Currency Recognition,Facerecognition,object detection….))
Handwritten Digit Classification
Currency Identification System
Intelligent Traffic Light Control using Image Processing
Driver Sleepiness Detection using Python

IoT-Driven Automated Object Detection Algorithm for Urban Surveillance Systems in Smart Cities.

Hand Gesture Recognition based on Shape Parameters

✓

Automatic Street Light Controlling System Using PIR and ZigBee.

- ✓ Wireless Digital Fuel Indicator for Cars to Avoid Sudden Stoppage of Vehicle.
- ✓ Two Wheeled Self Balancing Robot.
- ✓ Arduino Based Remote Control Robotic Vehicle.
- ✓ Microcontroller Based Walking Robot with Multi New Features.
- ✓ Arduino Based Dc Motor Speed Control Using PWM Technique.
- ✓ CAN Protocol-Based Automotive Street Light Switching System.
- ✓ CAN Protocol-Based Traffic Light control System.
- ✓ Detecting the Conditions of Remote Areas through Data Acquisition System Using Rf Module.
- ✓ Design and Implementation of Home Automation Using CAN.
- ✓ Automatic Active Phase Selector for Single-Phase Load from Three-Phase Supply.
- ✓ Solar-Based Mobile Charger for Rural Areas (Charge Your Mobile Anywhere with Sunlight) with a Battery Voltage Analyser Using AT Mega 8/16/32.
- ✓ Digital Vehicle Speedometer with Password Enabled Speed Limit Setting.
- ✓ Touch Screen Based Prepaid Digital Energy Meter with GLCD.
- ✓ Vehicle to Vehicle Communication Protocol for Co-Operative Collision.
- ✓ Laser touch Based Voice Transmitter and Receiver.
- ✓ Accident Information System Using GPS, GSM Sensor.
- ✓ Sending SMS with Speech Reorganization Interface.
- ✓ Raspberry Pi Temperature Humidity Network Monitor.
- ✓ Raspberry Pi Based Security Surveillance Camera.
- ✓ Raspberry Pi Based Pick and Place Robotic Vehicle.
- ✓ Solar Highway Lighting System with Auto Turn Off on Day Time with LCD Display.
- ✓ Increasing the Safety of Bomb Disposal System Using ZigBee Technology.
- ✓ Easy to Use Automatic Light Controller to Turn on Lights in Dark Using Advanced Sensors.
- ✓ Electronic Nose to Indicate Gas Leakage in Underground Mines and Industries.
- ✓ Water Level Indicator and Filling Time Estimator.
- ✓ Electromagnetic Climbing Robot for Industries.
- ✓ Voice-Based Wheel Chair Controller for Physically Handicapped.
- ✓ Design and Development of Microcontroller Based Drug Dispenser Using Biomedical Technology.
- ✓ Microcontroller Based Substation Monitoring and Controlling System.
- ✓ Mobile Phone Based Street Light Monitoring and Controlling System.
- ✓ Advanced Helmets for Bikers for Security Measure.
- ✓ Automatic School Bell with User-Defined Time Schedule Using I2c Protocol.
- ✓ Ultrasonic Based Path Planning for Blind Persons.
- ✓ Effective Solar Tracking System for Optimal Power Generation and Lift Operation through Solar Power
- ✓ Intelligent Mobile-Based Patient Monitoring System.
- ✓ Automatic Light Lamp for Morning Alarm.
- ✓ Propeller display of Time / Message
- ✓ Auto Intensity Control of Street Lights
- ✓ Automatic Irrigation System on Sensing Soil Moisture Content
- ✓ Automatic Wireless Health Monitoring System for Patients
- ✓ Secret Code Enabled Secure Communication Using RF Technology
- ✓ Density Based Traffic Signal System
- ✓ Line Following Robotic Vehicle
- ✓ TV Remote Operated Domestic Appliances Control
- ✓ Password Based Circuit Breaker
- ✓ Street Light that Glows on Detecting Vehicle Movement
- ✓ Tampered Energy Meter Information Conveyed to Concerned Authority by Wireless Communication
- ✓ Solar Powered LED Street Light with Auto Intensity Control
- ✓ GSM Based Monthly Energy Meter Billing via SMS

✓	DTMF Based Load Control System
✓	Fire Fighting Robotic Vehicle
✓	War Field Spying Robot with Night Vision Wireless Camera
✓	Closed Loop Control for a Brushless DC Motor to Run at the Exactly Entered Speed
✓	RFID security access control system
✓	Long Range FM Transmitter with Audio Modulation
✓	Wireless Electronic Notice Board Using GSM
✓	IR Obstacle Detection to Actuate Load
✓	Thermistor Based Temperature Control
✓	Touch Controlled Load Switch
✓	Time Delay Based Relay Operated Load
✓	Speed Checker to Detect Rash Driving on Highways
✓	Density Based Traffic Signal System Using Microcontroller
✓	Drowsiness detection using Raspberry Pi
✓	Hand detection using Raspberry Pi
✓	Quadcopter
✓	IOT Irrigation system
✓	IOT Based load control
✓	Access Control of Door and Home Security by Raspberry Pi Through the Internet
✓	Smart dustbin
✓	Wireless power transmission for Hybrid vehicle
✓	Mind Wave robot control
✓	Generating electricity while walking with loads
✓	Colour changing Robot for Defence
✓	Wireless charging project
✓	Advanced Footstep Power Generation System
✓	Automatic Light Intensity Controller by External Light Sensing
✓	Coin Based Water Dispenser System
✓	IOT Air & Sound Pollution Monitoring System
✓	IOT Based Toll Booth Manager System
✓	IOT Garbage Monitoring System
✓	IOT Heart Attack Detection & Heart Rate Monitor
✓	IOT Liquid Level Monitoring System
✓	Quad Rotor (QUADCOPTER)
✓	Human speed detection
✓	IOT Patient Health Monitoring Project
✓	IOT Weather Reporting System
✓	Long Range Spy Robot with Metal Detection
✓	Mobile Charging On Coin Insertion
✓	Voice Based Notice Board Using Android
✓	Wireless Mobile Charging Project
✓	Accident detection and theft control using CAN
✓	Smart shopping trolley
✓	Solar charging Handbag
✓	Voice Based MP3 player for car
✓	Black Box for automobile 40 Automatic Vehicle control at school zone
✓	Automatic priority Based load control for industrial.
✓	Automated guided vehicle
✓	Omni Robot
✓	IOT Based Water billing system
✓	IOT Based Power Management System
✓	IOT Based Tollgate
✓	Robot Drilling Machine
✓	GSM Patient Health Monitoring
✓	Sensor Based Industrial Automation

✓	Wireless Speed control of Ac Motor
✓	Automatic Pipe Cutting Machine
✓	Fingerprint Identification based digital voting
✓	Smart Car parking using Arduino Microcontroller
✓	TFT Based painting and video display.
✓	Automated voice based home navigation system for elderly and physically challenged
✓	Bi-dimensional Control System through Monitoring for Obstacles identification
✓	Construction of Intelligent Greenhouse Control System Based on CAN bus
✓	Design of vehicle positioning system based on ARM
✓	Designing Switching System for AC Powered Appliances Using Microcontroller
✓	RF Based secure door opener
✓	Wildlife observation Robot using RF
✓	Robotic Detection for metal
✓	AC Power controller with programmable interface
✓	Vehicle sensing street light project
✓	Identifying objects using RF transmitters and receivers, and retrieving data using GSM
✓	Robotic Arm Vehicle Controlled By Touch Screen Display
✓	Android Controlled Based Spy Robot With Night Vision Camera
✓	Monitoring Patients Via A Secure And Mobile Healthcare System
✓	Android Controlled Pick And Place Robotic Arm Vehicle Project
✓	Wireless fingerprint attendance system based on ZigBee technology
✓	Wireless Sensor Network for Crop Field Monitoring
✓	Wireless temperature monitoring system Based on the ZigBee technology
✓	ZigBee-Wireless Mesh Networks for Building Automation and Control
✓	Advanced robotic pick and place arm and hand system Autonomous navigation of RF-ID sensing robots.
✓	Distance monitoring and object detecting robot by radio frequency technology
✓	GSM controlled the intelligent robot.
✓	Touchscreen controlled motor speed and direction controlling system
✓	Touch screen controlled lamp dimmer for next generation apartments
✓	A wireless design of low-cost irrigation system using ZigBee technology.
✓	File transfer between data communication equipment using ZigBee network.
✓	High-performance zigbee protocol implementation for RF communication.
✓	Home automation using zig-bee.
✓	Industrial automation using the zig-bee module.
✓	Zigbee based weather monitoring system.
✓	Zig-bee enabled intelligent monitoring and control system.
✓	Bluetooth Navigator (controlling the navigating robot using bluetooth).
✓	Bluetooth enabled home automation.
✓	GSM based advanced security systems.
✓	GSM based ticket reservation.
✓	GSM controlled the intelligent robot.
✓	Autonomous vehicle with GPS navigation.
✓	Embedded GPS based vehicle tracking system.
✓	Development of smart card-based security system
✓	Fingerprint identification /recognition based digital voting system.
✓	Fingerprint recognition based digital locker security system.
✓	Real-time implementation of fingerprint-based authentication and controlling system of devices.
✓	Design and development of Ethernet interface for industrial applications.
✓	Embedded web server for home automation.
Robotics	
✓	ADVANCED ROBOTIC PICK AND PLACE ARM AND HAND SYSTEM
✓	AN ARTIFICIAL LANDMARK DESIGN BASED ON MOBILE ROBOT LOCALIZATION AND NAVIGATION
✓	ANDROID PHONE ACCELEROMETER SENSOR BASED ROBOT NAVIGATOR
✓	ANDROID SPEECH RECOGNITION CONTROLLED INTELLIGENT ROBOT

✓	AUTOMATIC PATHFINDING ROBOT
✓	AUTONOMOUS ROBOT
✓	AUTONOMOUS ROBOT WITH ARTIFICIAL VISION FOR OBSTACLE DETECTION.
✓	AUTONOMOUS ROBOT WITH BUILT IN WIRELESS CAMERA
✓	BLUETOOTH COMMUNICATION SYSTEM FOR CONTROL OF A MOBILE ROBOT
✓	BLUETOOTH ROBOT
✓	BOMB DETECTION ROBOT
✓	CELLPHONE OPERATED ROBOT
✓	CLAP SENSING ROBOT.
✓	CONTROL OF SMART HOUSEHOLD BASED ON DTMF
✓	DESIGN AND DEVELOPMENT OF OBSTACLE SENSING AND OBJECT GUIDING ROBOT
✓	DEVELOPMENT OF VISION SYSTEM TO A HUMANOID ROBOT
✓	DTMF BASED METAL DETECTING ROBOT
✓	DTMF CONTROLLED ROBOT
✓	FIRE FIGHTING ROBOT WITH ARTIFICIAL INTELLIGENCE
✓	GAS LEAKAGE DETECTION ROBOT
✓	GESTURE CONTROLLED WIRELESS SPY ROBOT WITH VIDEO CAPTURE
✓	HUMAN DETECTION ROBOT
✓	IR REMOTE CONTROLLED ROBOT
✓	LAND MINE DETECTING ROBOT
✓	LIGHT SENSING ROBOT
✓	MATERIAL HANDLING ROBOT CONTROLLING THROUGH WIRELESS ZIGBEE
✓	MEMS ACCELEROMETER CONTROLLED ROBOT
✓	MEMS ACCELEROMETER BASED HEAD MOVEMENT CONTROLLED FIREFIGHT IROBOT
✓	MEMS BASED HANDS GESTURE CONTROLLED ROBOT
✓	METAL DETECTION ROBOT.
✓	MINE DETECTING ROBOT WITH HELP OF PROXIMITY SENSORS.
✓	PC BASED ROBOT
✓	PC OPERATED WIRELESS WAR FIELD ROBOT
✓	REMOTE CONTROL AND MONITORING OF AN AUTONOMOUS MOBILE ROBOT.
✓	RF BASED REMOTE CONTROL ROBOT
✓	ROBOT CONTROL USING TV REMOTE
✓	ROBOT CONTROLLING WIRELESSLY THROUGH BLUETOOTH(ANDROID)
✓	ROOM CLEANING ROBOT
✓	SELF BALANCING
✓	SMOKE SENSING ROBOT
✓	SPY ROBOT USING ZIGBEE
✓	SUPER INTELLIGENT LINE FOLLOWER ROBOT
✓	SUPER INTELLIGENT ROBOT USING IR TV REMOTE
✓	SUPER INTELLIGENT ROBOT USING SMOKE SENSOR TEMP LDR AND HEAT USING IR COMMUNICATION
✓	TEMPERATURE SENSING ROBOT
✓	THE REMOTE CONTROL OF MOBILE ROBOT BASED ON EMBEDDED TECHNOLOGY
✓	THE REMOTE CONTROL OF MOBILE ROBOT BASED ON EMBEDDED TECHNOLOGY
✓	TOUCH SCREEN BASED WIRELESS ROBOT CONTROL
✓	VOICE-BASED ROBOT
✓	VOICE CONTROLLED WHEELCHAIR ROBOT FOR PHYSICALLY CHALLENGED
✓	WIRELESS UNDERWATER MOBILE ROBOT SYSTEM BASED ON ZIGBEE

	B.E, M.E VLSI PROJECT TITLES LIST
1	Comparative Study on Performance of Single Precision Floating Point Multiplier using Vedic Multiplier and different types of Adders
2	Programmable MISR modules for Logic BIST based VLSI testing
3	Design and Analysis of the high speed AES using Ancient Vedic Mathematics Novel Approach
4	Low Power BIST based Multiplier Design and Simulation using FPGA
5	Performance of Low Power BIST Architecture for UART
6	Design of a Hummingbird Crypto Core Implementing BIST Technique
7	A Review On Power Optimized TPG Using LP-LFSR for Low Power BIST
8	Design of less time delay Multiplier using Vedic mathematics
9	Performance analysis of multiplication operation based on Vedic mathematics
10	Design of an Efficient Multiplier Using Vedic Mathematics and Reversible Logic
11	Division Operation based on Vedic mathematics.
12	RTL Implementation and Analysis of Fixed Priority, Round Robin, and Matrix Arbiters for the NoC's Routers
13	Design and Implementation of High Speed Reconfigurable NoC Router
14	Design of Efficient NOC Router for Chip Multiprocessor
15	A Novel Architecture of Bidirectional NoC router Using Flexible buffer
16	Constructing Key Dependent Dynamic S-Box for AES Block Cipher System
17	Efficient Dynamic Virtual Channel Organization and Architecture for NoC Systems
18	Design and Implementation of Area-Efficient and Low-Power Configurable Booth-Multiplier
19	ElastiStore: Flexible Elastic Buffering for Virtual-Channel-Based Networks on Chip
20	Shield: A Reliable Network-On-Chip Router Architecture for Chip Multiprocessor
21	In-Field Test for Permanent Faults in FIFO Buffers of NoC Routers
22	A Methodology for Cognitive NoC Design
23	A Practical NoC Design for Parallel DES Computation
24	Iterative Architecture AES for Secure VLSI based System Design
25	VLSI Design of High Speed Vedic Multiplier for FPGA Implementation.
26	AES block cipher implementations with AMBA-AHB interface
27	Various Arbitration Algorithm for On-Chip(AMBA) Shared Bus Multi-Processor SoC
28	Design of AXI bus interface modules on FPGA
29	Finite State Machine based Arbiter for on chip Communication Architecture
30	Multi-Master Bus Interface Design using Efficient Lottery Bus Arbiter
31	Dynamic Virtual Channel and Index-based Arbitration based Network on Chip Router Architecture
32	Reducing FIFO Buffer Power Using Architectural Alternatives at RTL
33	A Holistic comparison of static VC Allocation versus Dynamic VC Allocation Based NoC Routers.
34	A comparative Study of Input Port and Crossbar Configurations in NoC Router Microarchitectures.
35	FPGA Implementation of an Efficient Router Architecture Based DMC.
36	Design and Implementation of High Speed Reconfigurable NoC Router.
37	FPGA Based Design of Area Efficient Router Architecture for Network on Chip (NoC).
38	Efficient Network on Chip (NoC) using heterogeneous circuit switched routers.
39	A Simple and Reliable System to Detect and Correct Setup/Hold Time Violations in Digital Circuits
40	Carry Speculative Adder with Variable Latency for Low Power VLSI
41	Design and Implementation of Area-Efficient and Low-Power Configurable Booth-Multiplier
42	Design of low power based VLSI architecture for constant multiplier and high speed implementation using retiming technique
43	Digital LDO with Time-Interleaved Comparators for Fast Response and Low Ripple
44	Energy-Efficient VLSI Realization of Binary64 Division With Redundant Number Systems
45	Interlaced Partition Multiplier
46	Iterative Architecture AES for Secure VLSI based System Design
47	Low Cost VLSI Architecture for Sample Adaptive Offset Encoder in HEVC
48	Low-Cost High-Performance VLSI Architecture for Montgomery Modular Multiplication
49	Network-on-Chip for Turbo Decoders
50	Seamlessly Pipelined Shift-and-Add Circuits Based on Precise Delay Analysis and Its Applications
51	VLSI Design of High Speed Vedic Multiplier for FPGA Implementation

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More than 13 years' experience in IEEE Final Year Project Center, IGEEKS Technologies Supports you in Java, IOT, Python, Bigdata Hadoop, Machine Learning, Data Mining, Networking, Embedded, VLSI, MATLAB, Power Electronics, Power System Technologies.

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