Trimity Technologies

Electronics Engineering Projects

IOT Base Topics

Sr. No.	Project Name	Objectives
1	Driver's Safety Management System for Commercial Purposes using IoT (Domains / IOT)	The main objective of this project is to detect multiple parameters like Driver Drowsiness, Alcohol detection and Accident detection by integrating all these sensors to a controller
2	Gas Leakage with Auto Ventilation and Smart Management System Using IoT	The main objective of this project is to provide Ventilation when gas and fire are detected and upload the data to server
3	Internet of Things - Enabled Smart Shoes for Blind People	The main objective of this project is to detect obstacle, pothole, heat using sensors and upload the parameters to server along with power storage using Piezo sensors
4	IoT Based Crop Protection System During Rainy Season	The main objective of this project is to monitor temperature and humidity, soil status using Soil Moisture sensor, rainfall detection using Rain Drop sensor and to upload values to server
5	Microcontroller Application in Feeding Fish Using an Android Mobile	The main objective of this project is to feed fish by using commands form Mobile
6	Notice Board and LCD Display Using IOT (Domains / IOT)	The main objective of this project is to Display the Text on notice Board using IoT
7	A Robust Security Framework for Cloud-Based Logistics Services	The main objective of this project is to provide security in Logistic Department in intruder prospective
8	IOT Flood Monitoring & Alerting System (Domains / IOT)	The main objective of this project is to monitor Floods by getting sensors data on IoT platform

Contact Details-
Website - www.trimityechnologies.in
Email_ID – contact@trimitytechnologies.in
+919975600245; +918484857487

9	IoT based Energy Efficient Smart Street Lighting Technique with Air Quality Monitoring (Domains / IOT)	The main objective of this project is to Integrate both Air Quality and Street Lighting Systems for Energy conservation
10	Automated Fluid Level Sensing and Controlling System Using IoT	The main objective of this project is to measure the Fluid level in Borewells, tanks etc. to assist and alert everyone
11	IoT Based Air Quality Monitoring System with Server Notification	The main objective of this project is to monitor parameters of air for measuring Quality and uploading data to server
12	Security Experiences in IoT based Applications for Building and Factory Automation	The main objective of this project is to build Security system by controlling appliances in Buildings and Factories using Server
13	E-Agriculture: Irrigation System based on Weather Forecasting	The main objective of this project is to build an Irrigation system which can be able to monitor Weather conditions and Turning ON/OFF motor Automatically
14	Implementation of Smart Aquarium System Supporting Remote Monitoring and Controlling of Functions using Internet of Things (Domains / IOT)	The main objective of this project is to Monitor and Control Aquarium from Remote Locations for better productivity
15	IOT Based Pregnancy Women Health Monitoring System for Prenatal Care (Domains / IOT)	The main objective of this project is to monitor health parameters of Pregnancy women continuously for treating her with more care
16	Medication Alerts and Supervisory of Health Using IOT	The main objective of this project is to alert concerns so that we can supervise more effectively
17	IOT based Automated Horticulture System for Farmers	The main objective of this project is to give flexibility to Horticulture Farmers by monitoring through server parameters like light, Temperature etc. and uploading data to server.
18	IOT Based Dumpster Monitoring System (Domains / IOT)	The main objective of this project is to develop a smart system which helps to keep our villages and cities clean using IoT

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Email_ID – contact@trimitytechnologies.in

+919975600245; +918484857487

19	An IoT-based Virtual Doctor using Raspberry Pi with Webserver	The main objective of this project is to provide Online health checkup by looking into Health Parameters in the server
20	Online System for Monitoring Water Quality, Leaks, Contamination and Managing Pipeline Network	The main objective of this project is to monitor Water Quality, Leaks and to manage through server
21	Controlling System (Domains / IOT)	to monitor Greenhouse parameters like Temperature, light etc, and to upload data to server
22	IOT based Automated Hydroponic Vertical Hydroponics Farming	The main objective of this project is to build a system with Vertical Hydroponics farming which is necessary to fulfill future needs
23	IOT Instant Contactless COVID Testing Booth Automation	The main objective of this project is to develop a system with Contactless COVID testing booth for instant registration and testing process
24	IOT Based Air Pollution Monitoring for Smart Cities with Raspberry Pi	The main objective of this project is to monitor air quality parameters from anywhere through an IOT platform
25	Hardware Root Of Trust for IoT Security In Smart Home Systems	The main objective of this project is to improve security and privacy, authentication in Smart home system using IOT implementation.
26	IoT-Enabled Shipping Container with Environmental Monitoring and Location Tracking	The main objective of this project is to monitor the environmental parameters using sensors and uploading to an IOT platform along with its GPS location.
27	IoT-Enabled Shipping Container with Environmental Monitoring and Location Tracking	The main objective of this project is to monitor the environmental parameters using sensors and uploading to an IOT platform along with its GPS location.
28	A Comparative Study of LoRa and IEEE 802.15.4-based IoT Deployments inside School Buildings	By providing information on environmental and equipment criteria, the Internet of Things offers major possibilities for ecological efficiency and enhancement of comfort for the occupants of smart buildings. by using sensors can the real time data efficiently.

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29	A Comparative Study of LoRa and IEEE 802.15.4-based IoT Deployments inside School Buildings	By providing information on environmental and equipment criteria, the Internet of Things offers major possibilities for ecological efficiency and enhancement of comfort for the occupants of smart buildings. by using sensors can the real time data efficiently.
30	Smart Farming System using IoT for Efficient Crop Growth	The main objective of this project is to overcome limitations of gardening about supplying of water to plants automatically and also need to observe light intensity and humidity. This helps to plants to grow healthy when we are giving sufficient water to it.
31	IOT Based Wireless Sensor Network for Air Pollution Monitoring	The main theme of this project is to monitor the air quality parameters like dust density, temperature and CO2 content present in the surrounding of this device; from anywhere through an IOT platform.
32	IOT Based Wireless Sensor Network for Air Pollution Monitoring	The main theme of this project is to monitor the air quality parameters like dust density, temperature and CO2 content present in the surrounding of this device; from anywhere through an IOT platform.
33	Development of congestion level based dynamic traffic management system using IoT (Domains / IOT)	The main objective of this project is to make the traffic signaling system automatic, by providing the vehicle density measurement intelligence to the system. So that there should not be any difficulties in traffic handling.
34	Development of congestion level based dynamic traffic management system using IoT (Domains / IOT)	The main objective of this project is to make the traffic signaling system automatic, by providing the vehicle density measurement intelligence to the system. So that there should not be any difficulties in traffic handling.
35	Medical Remote Monitoring of Multiple Physiological Parameters Based on Wireless Embedded Internet	In view of the current situation, that physiological parameter monitoring systems can only achieve local monitoring, and the multi-physiological parameter monitors are large, expensive, and disadvantageous to remote monitoring. The main objective of this system is to monitor the health condition of patients from anywhere.
36	Embedded Internet (Domains / IOT)	systems can only achieve local monitoring, and the multi-physiological parameter monitors are large, expensive, and disadvantageous to remote monitoring. The main objective of this system is to monitor the health condition of patients from anywhere.
37	Smart Bag for Women Safety (Domains / IOT)	The main objective is to design a smart bag which provides security for women since women are not safe in many locations. Women harassment is increasing in an alarming rate. To ensure women safety this system established.

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38	An IoT-Based Intelligent System for Real-Time Parking Monitoring and Automatic Billing (Domains / IOT)	The main objective of this project is to use a sensor system which allows real-time parking occupancy monitoring along with parking payment. A smart parking feature which enables a user to find a parking location and a free slot in that parking space through mobile app.
39	Advanced Traffic Violation Control and Penalty System with Web Server	The main objective of this project is to create an intelligent traffic violation detection and traffic flow analysis system to monitor and measure red light jumping.This system is based upon RFID technology for identification of vehicles on the road and OpenCV, IoT for charging the vehicle for jumping red light.
40	Raspberry Pi-Android based Smart Parking System using Web Server	The main objective of this project is to create a smart parking system which detects and finds a parking location for consumer's vehicle and displays the information in an IoT platform. This smart parking feature enables user to find a parking location and a free slot in that parking space.
41	Raspberry Pi Based Smart CCTV Surveillance System	The main objective of this project is to monitor the areas where it's installed and send notifications to the owner through SMS when an intruder enters and captures image of that person. And also sends the
42	Raspberry Pi Based Smart Wi-Fi Doorbell (Domains / IOT)	The main objective of the project is to use the system which is composed of the Doorbell interfaced with Raspberry pi, whoever press the doorbell, the camera gets triggered and capture their face and it is sent to owner through mail. The opening/closing of door can be done through a third party server.
43	IoT-BBMS: Internet Of Things-Based Baby Monitoring System For Smart Cradle (Domains / IOT)	The main objective of this project is to keep monitoring of babies condition. Now a days parents are so busy that they don't have enough time to take care of the babies so by using this they can monitor their baby condition from anywhere.
44	Vehicle Safety and Accident Detection System Using IoT	The main objective of the project is to collect crash recorder of the vehicle movements before, during and after a crash, through which an accident can be recognized. When an accident is occured, immediately the location will be sent to the hospital.
45	Intelligent Covid-19 Pandemic Bus Service with Safety Measure	This project is used for pandemic bus service for safety measure. Initially passenger need to register for e-bus pass card. Whenever they entered into the bus, they need to swipe their card then their location is sent to cloud server. Based on the distance of travel, the fare is deducted from their e-bus pass card.

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46	Automatic Pathway for Emergency Vehicle (Domains / IOT)	The main objective of this system is to control the traffic signals and achieving the task in order that the ambulance would be able to cross all the traffic junctions without waiting.
47	IoT Based Organic Farming by Using Aquaponics Method	The main objective of this system is to develop an Internet of Things based aquaponics monitoring system which measures and displays parameters like pH level, water level, humidity, temperature, through an IOT platform.
48	Smart AI pothole detector (Domains / IOT)	The main objective of this project is to detect potholes in a simple way, inform that to the maintenance and solve the problem and finally make the transport easier.
49	Raspberry Pi-Android Based Comatose Patient Monitoring System Using Web Server (Domains / IOT)	The main objective of this project is being connected to the health care system through IoT, where doctors can improve the diagnosis accuracy as they are getting all the necessary patient data at hand. In a word, this project allows monitoring patient continuously and remotely.
50	Raspberry Pi-Android Based Comatose Patient Monitoring System Using Web Server (Domains / IOT)	The main objective of this project is being connected to the health care system through IoT, where doctors can improve the diagnosis accuracy as they are getting all the necessary patient data at hand. In a word, this project allows monitoring patient continuously and remotely.
51	Smart Electronic Voting Machine Using Raspberry Pi with Face Recognition (Domains / IOT)	The main objective of the project is to use a smart electronic voting system that eliminates fault voting in which validation can be done in two stages i.e., aadhar, finger print and/or facial recognition
52	Advanced Smart Energy Saving System for Modern Railway Station Platform	The main objective of this project is non-emergency equipment in public building, during non-working hours 4am- 8am there is no need of power and hence power can be saved for modern railway station platform.
53	Arduino-based Amazon's Alexa-controlled home automation	The main objective of this concept is to control home appliances from any where in the world using alexa voice services.
54	IOT Based Biometric Attendence Using Arduino	The main objective of this project is to use Biometric Authentication for attendance management and also uploading the same data to server

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55	Smart Management of Street lights for Energy Conservation using IoT	The main objective of the project is to conserve energy using IoT for smart management of street lights which is a cost effective, practical, ecofriendly and the safest way to save energy and in this system the light status information can be accessed from anytime and anywhere.
56	Student Attendance Management System Based on RFID over web server (Domains / IOT)	The main objective of this project is to create an RFID system in this application area to detect the presence and absence of the student data which is to be transmitted wirelessly by mobile device, called a tag, which is read
57	The High Security Smart Helmet Using Internet of Things	The main objective of this system is to design a helmet that provides safety to motorcyclist or to any bike rider by preventing drunk and drive. It detects accident and alert the guardian about accident and engine doesnot get started if alcohol is detected.
58	Intelligent Traffic Signal Control System for Ambulance Using IOT	The main objective of this system is to control the traffic signals so that the ambulance would be able to cross all the traffic junctions without waiting.
59	Smart Waste Management System Using NodeMCU	The main objective of the project is to maintain the level of cleanliness in the city and to create an environment which is better for living as this system constantly check the level of the garbage in the dustbins which are placed in various parts of the city. If a particular dustbin has reached the maximum level, then the employees are informed and they can immediately take certain actions to empty it as soon as possible.
60	Novel Wearable Sensor Device For Continuous Monitoring Of Cardiac Activity During Sleep	The main objective of this project is to monitor blood pressure and temperature continuously through a wearable device
61	IoT Based Industrial Security Control and Monitoring System	
62	IOT based Vehicle System for Physically Challenged People	
63	IOT based Water Over Flow Indicator (Domains / IOT)	

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64	Smart GPS Tracker Using IoT Device (Domains / IOT)	
65	Infant Cradle Monitoring System Using IoT (Domains / IOT)	
66	IoT Based Smart Garbage Monitoring System And Domestic Care	
67	Design & Implementation of IoT Based Smart Helmet for Road Accident Detection (Domains / IOT)	With the growing number of 2-wheel motor vehicles, the frequency of accidents is on the rise. A major portion of the fatalities occur because the person was either not wearing a helmet, or his accident was not reported in time, and he could not be saved because of the delayed admittance to a hospital, or because he was riding while drunk. We propose mechanisms that can detect if one is wearing the helmet, detect accidents, and detect whether the person has over-consumed alcohol. This will ensure the holistic safety of the rider at all times.
68	Design & Implementation of IoT Based Smart Helmet for Road Accident Detection (Domains / IOT)	With the growing number of 2-wheel motor vehicles, the frequency of accidents is on the rise. A major portion of the fatalities occur because the person was either not wearing a helmet, or his accident was not reported in time, and he could not be saved because of the delayed admittance to a hospital, or because he was riding while drunk. We propose mechanisms that can detect if one is wearing the helmet, detect accidents, and detect whether the person has
69	IOT Based Notice Board Using Scrolling Display	

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+919975600245; +918484857487

70	IoT Based Controlling of Hybrid Energy System Using ESP8266	
71	IoT Based Antenna Positioning System (Domains / IOT)	
72	Driver Behavior Monitoring and Warning with Dangerous Driving Detection Based on the Internet of Vehicles	The main objective of the project is to avoid accidents on the roads that are caused by drivers behavior. It keeps monitoring of driving behavior, and recognizes located lane lines and warns the other nearby vehicles using IoV
73	IOT Based Smart Helmets for Construction Workers	The main objective is to design a smart flexible helmets for construction workers to monitor their health condition and to identify their rotation or orientation with respect to gravity with the help of gyroscope sensor and sends the data to cloud
74	Automated Smart Sericulture For Enhancement Of Silk Production Using Embedded System	The main objective of this project is to minimize manual invention of the farmer, by automating the process of silkworm rearing unit. This system can monitor and control temperature and humidity of silkworm rearing unit and in turn is used to increase the production of silk.
75	Traffic Management by Monitoring Weather Parameters and Pollutants Remotely using Raspberry Pi	The main objective of the project is to measure few weather parameters at a dense location with heavy traffic and provide the corresponding live data by the stand-alone IoT system
76	Air Pollution Monitoring System Using Waspmote Gases Sensor Board in Wireless Sensor Network	The main objective of this project is to monitor and analyze the level of air pollution at certain location and inform the results to the user in graphical form through IOT.

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Email_ID – contact@trimitytechnologies.in
+919975600245; +918484857487

77	IoT Based Smart Multi Application Surveillance Robot	The main objective of the project is to design and develop a surveillance robot that can reduce the casualties in the war field, where it acts as surveillance robot to capture the intruders surrounding information before the intruder is attacked by the soldiers
78	Data Transmission over sound (Domains / WSN)	The main objective of the project is to transmit data over sound, where data-over-sound enables the exchange of data between any devices with a pre-existing Ultrasonic through sound waves
79	Investigation into Unconscious Driver's Posture Change and Body Injury Affected by Motorized Seat-Belt Pretension in Full-Frontal Collision with Automatic Emergency Braking	when emergency braking the vehicle the driver effected by seat-belt tightening the driver it causes injury to the driver.so, that seat-belts are set with different pre-tightening levels, and different initial speeds are set for each level.
80	Heart Attack and Alcohol Detection Sensor Monitoring in Smart Transportation System using Internet of Things	The main objective of this project is to create a heartbeat monitoring and heart attack detection system using IoT. The user may set the high as well as low levels of heart beat limit. After setting these limits, the system starts monitoring and as soon as
81	IOT Based Distribution Transformer Health Monitoring System	The main objective of this project is to monitor the oil & temperature of multiple transformers continuously and protects them from overheating.
82	Security IOT platform for industrial control systems	
83	IOT based Artificial Intelligent Protection Device	The main objective of this project is to safeguard women and to give alert when they are in danger
84	Vehical Theft Detection and Engine Locking Based on IOT Using Raspberry Pi (Domains / IOT)	The main objective of this to notify the vehicle owner, when the vehicle is moved/theft from the parking area and to monitor the movement of the vehicle in real time.

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+919975600245; +918484857487

85	IOT Based Real Time Remote Health Controlling System	The main objective of this project is to send mail alert to dearest ones about health parameters
86	Detection of Containments in Portable Water using Multiple Server Based on IOT (Domains / IOT)	The main goal of this project is to develop a wireless water quality monitoring system that monitors the water conditions continuously by using monitoring parameters like PH sensor, temperature sensor, water sensor and turbidity sensor.
87	IOT Based Human Wearable Device for Self Security and Health Monitoring System (Domains / IOT)	The main objective of this project is to provide security to women so that they never feel helpless while facing such social challenges.
88	Smart Waste Management System using Node MCU	The main objective of this project is to detect the level of garbage and this system will show the current status of the garbage in a mobile application and will give the analysis of garbage collected on basis of its level and smell.
89	Supervision on Food Quality using IOT System (Domains / IOT)	The main objective of this project is to monitor & control food quality parameters such as temperature, humidity and light and at the same time alert the stakeholders when the food is spoiled.
90	Smart Voting System Using IOT & PHP with SMS Alert	The main objective of this project is to eliminate the fraudulent votes that are happening during the election procedure and to provide a highly secured data transfer to IOT which produces results who is in the lead for every minute after voting with the help of this smart EVM system.
91	IOT Based Students Attendance System Using RFID Using NodeMCU	
92	Advanced IOT-based Real-Time Earthquake Detector early warning system using WSN in IoTUbidots	

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93	An IoT-based Smart Monitoring System for Vehicles	The main objective of this project is used to monitor the vehicle by using IoT which displayed the parameters alcohol level, smoke level, distance of object for black spot detection, rain intensity and light intensity through Wi-Fi. If any violation detected sending emergency information to the concern officials.
94	Cattle Health Monitoring Application Using ML (Domains / IOT)	
95	Design of Raspberry pi Web-Based Energy Monitoring System for Residential Electricity Consumption	
96	IoT based Patient Health Monitoring System Using ESP32	The main objective of this project is to monitor Patient health parameters like Temperature Heart beat using ESP32 controller
97	Design of wind power generation system using IOT	The objective is to generate electricity by the wind turbine, through which battery gets charged. It supplies power to information system which transmits the data of wind speed and wind direction from the remote location to the web server through GPRS network
98	IOT Based Street Lighting And Traffic Management System	The main purpose of this project is to invent an intelligent system which can make decisions for luminous control (ON/OFF/DIM) considering the light intensity
99	Smart water controller in metro water supply lines	The main objective of the project is to avoid water leakage problem in water supply networks as unwanted water leakage due to leaky pipe lines and beneath the underground pipelines is always pertaining in drinking water supply networks.
100	Missing People Identification System IoT (Domains / IOT)	The main objective of the project is to identify missing people using an IoT based system

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+919975600245; +918484857487

101	Fully Automated Attendance System with Jetson Nano	The main objective of the project is to develop an automated attendance systems prototype which can provides high level of authentication by embedding face recognition and this data will be uploaded to an IoT platform.
102	Asset Tracking System For Logistics By Using NB-IOT	The main objective of this project is to track the assets in a room where they have placed when importing into the industry. The tracking of assets can be done with the help of Bluetooth communication.
103	IoT Based Smart Factory Management System (Domains / IOT)	The main objective of this project is to monitor and manage processes remotely and change production plans quickly. Moreover, if any emergency cases occurred buzzer gets ON to alert and SMS will be sent to take an immediate action.
104	IOT: A Novel Strategy for Biometric Voting system	The main objective of the project is to propose a novel strategy, in which the validation of voting is done based on fingerprint of voter and GPS location where he utilized vote will send to a server
105	Elegant home with power saving, security, safety, remote controlling and auto control of water tank motor	The main objective of this project is to provide fully loaded security, safety and automated/manually controlled motors for pumping water into the house. A camera also been used to detect the burglar if any entered and alerts the owner
106	Monitoring & Controlling of Substation Using IoT in Distribution Power Grid	The main objective of this project is to monitor the voltage, current, frequency and the temperature readings from the substation through IoT
107	Development & Implementation of Smart Vehicle Over Speeding Detector using IoT (Domains / IOT)	The main objective of the project is to monitor vehicle speed and if vehicle exceeds speed limit, then the vehicle's image will be captured and forward to concern officials by using IoT technology
108	Smart Soldier Strap (Domains / IOT)	The main objective of this project is to monitor the health conditions of a soldier. Heartbeat and body temperature of every soldier will be monitored. This technology can be helpful to provide the accurate location of missing soldier in critical condition and overcome the drawback of soldiers missing in action.

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Email_ID – contact@trimitytechnologies.in

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109	The Smart Mailbox with Motion Controlled Security Camera	The main objective of this project is to design a smart mailbox that can gives an alert when a person places a courier in the mailbox. This system will identify the presence of a person and then activates the camera automatically which will capture the image and sends it to the owner via an email.
110	Child Safety Monitoring System Based on IoT (Domains / IOT)	The objective of this project is to provide safety and tracking facility to parents and to locate and monitor the child
111	Child Guard: A Child Safety Monitoring System (Domains / IOT)	The main objective of this project is to monitor child continuously by measuring temperature, wet condition of child and crying emotion
112	IOT based Coal Mining Alert and Gas Equalization System	The main objective of this project is to give alert on gas levels at coal mining using IOT
113	Implementation of greenhouse monitoring using Python on Raspberry Pi	The main aim of this project is to design a simple, low cost system to monitor the value of environmental parameter and they are continuously updated and controlled in order to achieve optimum plant growth.
114	Detection and Tracking Contagion using	The model will help detect and track contagious people. Moreover, it will also keep the patient's data record for analysis and decision making using edge computing.
115	IoT-Edge Technologies: Confronting COVID-19 Pandemic	
116	Multi-Language Voice Control Home Automation	

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117	A smart monitor system that measures industrial machine pressure and vibration (Domains / IOT)	The main objective of the project is to monitor mechanical pressure and the vibration of an industrial machine with the help of an embedded system and IoT.
118	A smart monitor system that measures industrial machine pressure and vibration (Domains / IOT)	The main objective of the project is to monitor mechanical pressure and the vibration of an industrial machine with the help of an embedded system and IoT.
119	Vehicle black box system With IoT (Domains / IOT)	The main objective of this project is to detect accidents and gives an immediate alert to the hospitals and/or to the police by sending an email through an IoT platform. This system also consists of a voice module circuit which records audio when an accident is happened.
120	Prototype Implementation Of BLE Based Automated Data Collection Scheme In Agricultural Measurement System (Domains / IOT)	
121	Automatic Monitoring And Control Of Vehicle Entry/exit In Forest Area With Raspberry-pi,	
122	Python And Open Cv (Domains / IOT)	
123	Raspberry Pi As A Video Server (Domains / IOT)	
124	Integrated System For Regional Navigator And Seasons Management	

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125	A Smart Helmet for Air Quality and Hazardous Event Detection for the Mining Industry (Domains / IOT)	
126	Developing Fish Feeder System Using Raspberry Pi	
127	Smart City Platform Development For An Automated Waste Collection System (Domains / IOT)	
128	Under Pipe, Traveling Robot To Detect Gas Line Leakage And Address Navigation To Cloud Over Iot	
129	Prototype Implementation Of BLE Based Automated Data Collection Scheme In Agricultural Measurement System (Domains / IOT)	
130	A Survey on the Roles of Communication Technologies in IoT-based Personalized Healthcare applications	The main objective of the project is to monitor the health parameters of an individual and uploading the information to a third party server and if there is any rise in heart beat or Blood Pressure, an immediate SMS will be sent to their family
131	Iot Based Indoor Air Pollution Monitoring Using Arduino	
132	Smart Irrigation System Using IOT (Domains / IOT)	The main objective of this project is to monitor moisture level, temperature, light intensity in the field and send SMS/mail if any parameter exceeds threshold value

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133	Health Monitoring System By Using IOT (Domains / IOT)	The main objective of this project is to monitor health parameters like body temperature and heart beat continuously by uploading to PHP server
134	Smart City Platform Development For An Automated Waste Collection System (Domains / IOT)	The system works with the help of Raspberry Pi and ultrasonic sensor for collecting level of garbage in garbage bin, gas sensor to identify toxins, moisture sensor to identify whether the dry and wet is mixed
135	Implementation of Network Weather Report System Through Network State Observation (Domains / IOT)	
136	IOT Based Liquid Level Monitor Using NodeMCU	
137	Smart Irrigation Using NodeMCU (Domains / IOT)	
138	Tmcas:an Mqtt Based Collision Avoidance System For Railway Network	
139	IOT Based Traffic Light Control System For Ambulance	The main objective of this system is to control the traffic signals so that the ambulance would be able to cross all the traffic junctions without waiting.
140	Weather Monitoring System Using IOT (Domains / IOT)	This System monitors the changes happening over the environment and provides enough ways for the users to access the information from anywhere through cloud. The humidity sensor will monitor and gives the details about the changes happening over the climate. The LDR and pressure sensor are used for monitoring the pollution over

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		environment. The Monitored condition will be updated to a third party server.
141	IOT based Feedback System For public sectors	
142	Advanced IOT Based Combined Remote Health Monitoring, Home Automation and Alarm System	The main objective of the project is health parameter monitoring, medicine time reminding and an automated home system. This system will remind the patient when it's time to take pills through an SMS, email and a voice message and can monitor the health parameters and updates the data to the doctor or patient via an SMS.
143	Novel Parking Management System, For Smart Cities, To Save Fuel, Time, And Money (Domains / IOT)	
144	Smart Mirror Based On Raspberry Pi (Domains / IOT)	The main objective of this project is to detect thief when nobody is at home
145	Iot Based Indoor Air Pollution Monitoring Using Raspberry Pi	
146	A Sewer Sensor Monitoring System Based On Embedded System	
147	Driver Behavior Assessment Based On Loosely Coupled Gps/ins Integration In Harsh Environment	

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148	Prototyping Of Class-attendance System Using Mifare 1k Smart Card And Raspberry Pi 3 (Domains / WSN)	
149	Smart Bus Alert System For Easy Navigation Of Blind	
150	Iot Based Digital Signage Board Using Raspberry Pi 3	
151	Water Level Monitoring And Dam Gate Control Over Iot	The main objective of this project is to monitor the water level and to control the dam gate using IOT without human involving. Here we are trying to reduce the man power by including IOT controlled dam gate opening/ closing.
152	Investigating Thermal Comfort For The Classroom Environment Using Iot (Domains / IOT)	
153	Iot-based Drone For Improvement Of Crop Quality In Agricultural Field	
154	Human-cloud Integration In Next Generation Healthcare Systems For Wearable Devices (Domains / IOT)	
155	An Agent-based Iot System For Intelligent Energy Monitoring In Buildings	

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Website - www.trimityechnologies.in
Email_ID – contact@trimitytechnologies.in
+919975600245; +918484857487

156	Ssl: Smart Street Lamp Based On Fog Computing For Smarter Cities (Domains / IOT)	
157	Novel Ibeacon Placement For Indoor Positioning In Iot	
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180	Rfid Based Petrol Pump Automation System With Raspberry Pi	
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193	Development Of Reverse Vending Machine (rvm) Framework For Implementation To A Standard Recycle Bin Using Raspberry Pi (Domains / IOT)	
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198	Efficient Smart Emergency Response System For Fire Hazards Using Iot	
199	Analysis Of Three Iot-based Wireless Sensors For Environmental Monitoring	
200	Automatic Waste Segregator Using 8051 Microcontroller	
201	On Access Control In Cabin-based Transport Systems	
202	Design Of Arm Based Embedded System For Industrial Application Using Tcp/ip Network (Domains / IOT)	
203	Cloud-based Smart Home Automation System (Domains / IOT)	

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205	I Foot; A Smart Insole for your foot (Domains / IOT)	The main objective is to design an intelligent insole system provides great feasible supervision for health surveillance, injury prevention, and athlete training. We can monitor injured person recovery rate that from distinct rate
206	Automation of Traffic Lights through IoT (Domains / IOT)	The main objective of this project is to automate the current traffic controlling system
207	IOT Drop off and Pick up Parcel Box (Domains / IOT)	The main objective of this project is to develop IOT based Drop off and Pick up Parcel box as the volume of parcels in all cities that need to be delivered has been grown dramatically
208	Forest Fire Alerting System with GPS Co-Ordinates using IOT	The main objective of this project is to alert forest officers about fire accident location using IOT
209	IoT Assisted MQTT for Waste Management in Smart Cities	The main objective of this project is to create a smart waste management system which can give alert whenever the bin is full and/or is releasing any toxic gases by sending an SMS to the owner and can also update the information on level of waste in bin to an IOT platform.
210	Bird Feeder and Poultry Conditioning monitoring using Embedded system (Domains / Embedded applications)	The main objective of this project is to design an automatic bird feeder that feeds the birds in time which reduces the work for farmer to feed the birds
211	Multi-Directional Rotating Dumping Trailer (Domains / Robotics)	Modern 3 ways dropping dumper' has been conceived by observing the difficulty in unloading the materials. The survey in this regards in several automobile garages, revealed the facts that mostly some difficult methods were adopted in unloading the materials from the trailer

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212	Multi-Directional Rotating Dumping Trailer (Domains / Mechatronics)	Modern 3 ways dropping dumper' has been conceived by observing the difficulty in unloading the materials. The survey in this regards in several automobile garages, revealed the facts that mostly some difficult methods were adopted in unloading the materials from the trailer
213	Multi-Directional Rotating Dumping Trailer (Controllers / PIC16F77A)	Modern 3 ways dropping dumper' has been conceived by observing the difficulty in unloading the materials. The survey in this regards in several automobile garages, revealed the facts that mostly some difficult methods were adopted in unloading the materials from the trailer
214	Multi-Directional Rotating Dumping Trailer (Controllers / ARM7)	Modern 3 ways dropping dumper' has been conceived by observing the difficulty in unloading the materials. The survey in this regards in several automobile garages, revealed the facts that mostly some difficult methods were adopted in unloading the materials from the trailer
215	System of Detection and Scanning Bar Codes from Raspberry Pi Web Camera	The main objective of this project is to scan the bar code labels on the grocery items or other and send the data or link through GSM along with the IOT Platform.
216	Implementation of Network Weather Report System Through Network State Observation (Controllers / Arduino)	
217	IOT Based Liquid Level Monitor Using NodeMCU	
218	Raspberry Pi As A Video Server (Controllers / Raspberry pi)	
219	Adjustment Of Bed For A Patient Through Gesture Recognition Using Arduino (Controllers / Arduino)	
220	Adjustment Of Bed For A Patient Through Gesture Recognition: An Image Processing Approach	

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+919975600245; +918484857487

221	Real Time Position Tracking System Using Google Maps Api V3	
222	Real Time Position Tracking System Using Google Maps Api V3	
223	Real Time Position Tracking System Using Google Maps Api V3 Using Raspberry Pi (Controllers / Raspberry pi)	
224	Real Time Position Tracking System Using Google Maps Api V3 Using Arm7 (Controllers / ARM7)	
225	Android Controlled Wildlife Observation Robot (Controllers / Raspberry pi)	
226	Android Controlled Wildlife Observation Robot Using Arduino	
227	Waiter Robot – Solution To Restaurant Automation	
228	Street Light Controller System Using IOT (Domains / IOT)	
229	Object Sorting Automated System Using Raspberry Pi	
230	Iot Based Bridge Safety Monitoring System (Domains / IOT)	
231	Automatic Gas Cylinder Booking Over Iot (Domains / IOT)	
232	Onboard Entertainment Services Using Raspberry Pi With Recommendation Engine (Domains / IOT)	

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233	IOT Based Password Based Circuit Breaker (Domains / IOT)	
234	Raspberry Pi and GSM Based Smart and Billing System	
235	Smart Crop Protection System with Mail Alert Using NodeMCU	
236	Ob City – Definition Of A Family-based Intervention For Childhood Obesity Supported By Information And Communication Technologies	
237	Tmcas:an Mqtt Based Collision Avoidance System For Railway Network	
238	Integrated Cafeteria Management System Using Rfid	
239	Lightweight Rfid Protocol For Medical Privacy Protection In Iot	
240	Fast Access For Zigbee-enabled Iot Devices Using Raspberry Pi	
241	Real-time Monitoring Of Bone Fracture Recovery By Using Aware, Sensing, Smart And Active Orthopedic Devices	

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242	Intelligent Manhole Cover Management System For Smart Cities	
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244	PiCam: IoT based Wireless Alert System for Deaf and Hard of Hearing	This project describes implementation of a low cost IOT based alert system for deaf and hearing impaired people for their safety purposes. Whenever someone presses the doorbell or tries to smash the door, image will be captured and sent to the owner mail along with an SMS alert.
245	Iot Based Liquid Level Monitor (Domains / IOT)	
246	An Iot Platform Integrated Into An Energy Efficient Dc Lighting Grid	
247	Educating Students In Remote Areas Using Augmented Reality	

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248	School Bus Monitoring System Using Raspberry Pi	
249	Multi-sensor Integrated System For Wireless Monitoring Of Greenhouse Environment (Domains / IOT)	
250	Prototype Desogn of an Iot Enabled Cost Eeficient Portable Heart Health Data Acquisition System	
251	Onboard Entertainment Services Using Raspberry Pi With Recommendation Engine (Domains / IOT)	

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Email_ID – contact@trimitytechnologies.in
+919975600245; +918484857487

252	Iot-based Drone For Improvement Of Crop Quality In Agricultural Field	
253	Fast Access For Zigbee-enabled Iot Devices Using Raspberry Pi	
254	An Iot Platform Integrated Into An Energy Efficient Dc Lighting Grid	
255	Real-time Eye Tracking For Password Authentication Using Arduino (Domains / IOT)	
256	Design Of The Intelligent Control System Of Classroom Based On Arduino	

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257	A Wireless IOT System Towards Gait Detection in Stroke Patients	
258	A Wireless IOT System Towards Gait Detection in Stroke Patients	
259	Smart Voting System Using IOT & PHP with SMS Alert	The main objective of this project is to eliminate the fraudulent votes that are happening during the election procedure and to provide a highly secured data transfer to IOT which produces results who is in the lead for every minute after voting with the help of this smart EVM system.
260	IOT Based Students Attendance System Using RFID Using NodeMCU	

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261	Advanced IOT-based Real-Time Earthquake Detector early warning system using WSN in IoTUbidots	
262	An IoT-based Smart Monitoring System for Vehicles	The main objective of this project is used to monitor the vehicle by using IoT which displayed the parameters alcohol level, smoke level, distance of object for black spot detection, rain intensity and light intensity through Wi-Fi. If any violation detected sending emergency information to the concern officials.
263	Cattle Health Monitoring Application Using ML (Domains / IOT)	
264	Design of Raspberry pi Web-Based Energy Monitoring System for Residential Electricity Consumption	

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265	IoT based Patient Health Monitoring System Using ESP32	The main objective of this project is to monitor Patient health parameters like Temperature Heart beat using ESP32 controller
266	Design of wind power generation system using IOT	The objective is to generate electricity by the wind turbine, through which battery gets charged. It supplies power to information system which transmits the data of wind speed and wind direction from the remote location to the web server through GPRS network
267	IOT Based Street Lighting And Traffic Management System	The main purpose of this project is to invent an intelligent system which can make decisions for luminous control (ON/OFF/DIM) considering the light intensity
268	Smart water controller in metro water supply lines	The main objective of the project is to avoid water leakage problem in water supply networks as unwanted water leakage due to leaky pipe lines and beneath the underground pipelines is always pertaining in drinking water supply networks.
269	Missing People Identification System IoT (Domains / IOT)	The main objective of the project is to identify missing people using an IoT based system

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270	Fully Automated Attendance System with Jetson Nano	The main objective of the project is to develop an automated attendance systems prototype which can provides high level of authentication by embedding face recognition and this data will be uploaded to an IoT platform.
271	Asset Tracking System For Logistics By Using NB-IOT	The main objective of this project is to track the assets in a room where they have placed when importing into the industry. The tracking of assets can be done with the help of Bluetooth communication.
272	IoT Based Smart Factory Management System (Domains / IOT)	The main objective of this project is to monitor and manage processes remotely and change production plans quickly. Moreover, if any emergency cases occurred buzzer gets ON to alert and SMS will be sent to take an immediate action.
273	IOT: A Novel Strategy for Biometric Voting system	The main objective of the project is to propose a novel strategy, in which the validation of voting is done based on fingerprint of voter and GPS location where he utilized vote will send to a server
274	Elegant home with power saving, security, safety, remote controlling and auto control of water tank motor	The main objective of this project is to provide fully loaded security, safety and automated/manually controlled motors for pumping water into the house. A camera also been used to detect the burglar if any entered and alerts the owner

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275	Monitoring & Controlling of Substation Using IoT in Distribution Power Grid	The main objective of this project is to monitor the voltage, current, frequency and the temperature readings from the substation through IoT
276	Development & Implementation of Smart Vehicle Over Speeding Detector using IoT (Domains / IOT)	The main objective of the project is to monitor vehicle speed and if vehicle exceeds speed limit, then the vehicle's image will be captured and forward to concern officials by using IoT technology
277	Smart Soldier Strap (Domains / IOT)	The main objective of this project is to monitor the health conditions of a soldier. Heartbeat and body temperature of every soldier will be monitored. This technology can be helpful to provide the accurate location of missing soldier in critical condition and overcome the drawback of soldiers missing in action.

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278	The Smart Mailbox with Motion Controlled Security Camera	The main objective of this project is to design a smart mailbox that can gives an alert when a person places a courier in the mailbox. This system will identify the presence of a person and then activates the camera automatically which will capture the image and sends it to the owner via an email.
279	Child Safety Monitoring System Based on IoT (Domains / IOT)	The objective of this project is to provide safety and tracking facility to parents and to locate and monitor the child
280	Child Guard: A Child Safety Monitoring System (Domains / IOT)	The main objective of this project is to monitor child continuously by measuring temperature, wet condition of child and crying emotion
281	IOT based Coal Mining Alert and Gas Equalization System	The main objective of this project is to give alert on gas levels at coal mining using IOT
282	Implementation of greenhouse monitoring using Python on Raspberry Pi	The main aim of this project is to design a simple, low cost system to monitor the value of environmental parameter and they are continuously updated and controlled in order to achieve optimum plant growth.
283	Detection and Tracking Contagion using	The model will help detect and track contagious people. Moreover, it will also keep the patient's data record for analysis and decision making using edge computing.

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	IoT-Edge Technologies: Confronting COVID-19 Pandemic	
285	Multi-Language Voice Control Home Automation	
286	A smart monitor system that measures industrial machine pressure and vibration (Domains / IOT)	The main objective of the project is to monitor mechanical pressure and the vibration of an industrial machine with the help of an embedded system and IoT.
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288	Vehicle black box system With IoT (Domains / IOT)	The main objective of this project is to detect accidents and gives an immediate alert to the hospitals and/or to the police by sending an email through an IoT platform. This system also consists of a voice module circuit which records audio when an accident is happened.
289	Prototype Implementation Of BLE Based Automated Data Collection Scheme In Agricultural Measurement System (Domains / IOT)	
290	Automatic Monitoring And Control Of Vehicle Entry/exit In Forest Area With Raspberry-pi,	
	Python And Open Cv (Domains / IOT)	
292	Raspberry Pi As A Video Server (Domains / IOT)	

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293	Integrated System For Regional Navigator And Seasons Management	
294	A Smart Helmet for Air Quality and Hazardous Event Detection for the Mining Industry (Domains / IOT)	
295	Developing Fish Feeder System Using Raspberry Pi	
296	Smart City Platform Development For An Automated Waste Collection System (Domains / IOT)	

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297	Under Pipe, Traveling Robot To Detect Gas Line Leakage And Address Navigation To Cloud Over Iot	
298	Prototype Implementation Of BLE Based Automated Data Collection Scheme In Agricultural Measurement System (Domains / IOT)	
299	A Survey on the Roles of Communication Technologies in IoT-based Personalized Healthcare applications	The main objective of the project is to monitor the health parameters of an individual and uploading the information to a third party server and if there is any rise in heart beat or Blood Pressure, an immediate SMS will be sent to their family
300	Iot Based Indoor Air Pollution Monitoring Using Arduino	

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301	Tmcas:an Mqtt Based Collision Avoidance System For Railway Network	
302	IOT Based Traffic Light Control System For Ambulance	The main objective of this system is to control the traffic signals so that the ambulance would be able to cross all the traffic junctions without waiting.
303	Weather Monitoring System Using IOT (Domains / IOT)	This System monitors the changes happening over the environment and provides enough ways for the users to access the information from anywhere through cloud. The humidity sensor will monitor and gives the details about the changes happening over the climate. The LDR and pressure sensor are used for monitoring the pollution over environment. The Monitored condition will be updated to a third party server.
304	IOT based Feedback System For public sectors	

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305	Advanced IOT Based Combined Remote Health Monitoring, Home Automation and Alarm System	The main objective of the project is health parameter monitoring, medicine time reminding and an automated home system. This system will remind the patient when it's time to take pills through an SMS, email and a voice message and can monitor the health parameters and updates the data to the doctor or patient via an SMS.
306	Novel Parking Management System, For Smart Cities, To Save Fuel, Time, And Money (Domains / IOT)	
307	Smart Mirror Based On Raspberry Pi (Domains / IOT)	The main objective of this project is to detect thief when nobody is at home
308	Iot Based Indoor Air Pollution Monitoring Using Raspberry Pi	
309	A Sewer Sensor Monitoring System Based On Embedded System	

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310	Driver Behavior Assessment Based On Loosely Coupled Gps/ins Integration In Harsh Environment	
311	Prototyping Of Class-attendance System Using Mifare 1k Smart Card And Raspberry Pi 3 (Domains / WSN)	
312	Smart Bus Alert System For Easy Navigation Of Blind	
313	Iot Based Digital Signage Board Using Raspberry Pi 3	
314	Water Level Monitoring And Dam Gate Control Over Iot	The main objective of this project is to monitor the water level and to control the dam gate using IOT without human involving. Here we are trying to reduce the man power by including IOT controlled dam gate opening/ closing.

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317	Human-cloud Integration In Next Generation Healthcare Systems For Wearable Devices (Domains / IOT)	
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321	Fingerprint Based Exam Hall Authentication With Raspberry Pi	
322	Study on Remote Control System of Rural Water Treatment Equipment	
323	Smart Street Lights Using IOT (Domains / IOT)	

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325	Bus Tracking System Using NodeMCU (Domains / IOT)	
326	An Iot Based Multi-parameter Data Acquisition System For Efficient Bio-tele Monitoring Of Pregnant Women At Home	
327	Iot Based Indoor Air Pollution Monitoring Using Raspberry Pi	

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328	Prototype Implementation Of BLE Based Automated Data Collection Scheme In Agricultural Measurement System (Domains / IOT)	
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342	Intelligent Food And Grain Storage Management System For The Warehouse And Cold Storage	
343	Prototyping Of Class-attendance System Using Mifare 1k Smart Card And Raspberry Pi 3 (Domains / WSN)	
344	Raspberry Pi Base System Architecture For Tracking Passengers Inside An Airport Terminal Using Rfid	

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345	Toll Gate Traffic Monitor And Analyze Using IoT (Domains / IOT)	
346	Bore well water quality and motor based on IoT gateway	
347	Intelligent Food and Grain Storage System for the Warehouses and Cold Storages (Domains / IOT)	
348	Rfid Based Petrol Pump Automation System With Raspberry Pi	
349	IOT solution for public bicycle system (Domains / IOT)	

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350	Cloud-based Smart Home Automation System (Domains / IOT)	
351	Prototyping Of Class-attendance System Using Mifare 1k Smart Card And Raspberry Pi 3 (Domains / IOT)	
352	On Access Control In Cabin-based Transport Systems	
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360	Analysis Of Three Iot-based Wireless Sensors For Environmental Monitoring Using Raspberry Pi	
361	Development Of Reverse Vending Machine (rvm) Framework For Implementation To A Standard Recycle Bin Using Raspberry Pi (Domains / IOT)	

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362	Development Of Reverse Vending Machine (rvm) Framework For Implementation To A Standard Recycle Bin Using Raspberry Pi (Domains / IOT)	
363	Novel Wearable Sensor Device For Continuous Monitoring Of Cardiac Activity During Sleep	The main objective of this project is to monitor blood pressure and temperature continuously through a wearable device
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365	Person Fall Detection Using NodeMCU (Domains / IOT)	
366	Efficient Smart Emergency Response System For Fire Hazards Using Iot	
367	Analysis Of Three Iot-based Wireless Sensors For Environmental Monitoring	
368	Automatic Waste Segregator Using 8051 Microcontroller	
369	On Access Control In Cabin-based Transport Systems	

Contact Details-
Website - www.trimitytechnologies.in
Email_ID – contact@trimitytechnologies.in
+919975600245; +918484857487

370	Design Of Arm Based Embedded System For Industrial Application Using Tcp/ip Network (Domains / IOT)	
371	Cloud-based Smart Home Automation System (Domains / IOT)	
372	Water Level Monitoring And Dam Gate Control Using IOT	The main objective of this project is to monitor the water level and to control the dam gate using IOT without human involving. Here we are trying to reduce the man power by including IOT controlled dam gate opening/ closing.
373	I Foot; A Smart Insole for your foot (Domains / IOT)	The main objective is to design an intelligent insole system provides great feasible supervision for health surveillance, injury prevention, and athlete training. We can monitor injured person recovery rate that from distinct rate
374	Automation of Traffic Lights through IoT (Domains / IOT)	The main objective of this project is to automate the current traffic controlling system

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+919975600245; +918484857487

375	IOT Drop off and Pick up Parcel Box (Domains / IOT)	The main objective of this project is to develop IOT based Drop off and Pick up Parcel box as the volume of parcels in all cities that need to be delivered has been grown dramatically
376	Forest Fire Alerting System with GPS Co-Ordinates using IOT	The main objective of this project is to alert forest officers about fire accident location using IOT
377	IoT Assisted MQTT for Waste Management in Smart Cities	The main objective of this project is to create a smart waste management system which can give alert whenever the bin is full and/or is releasing any toxic gases by sending an SMS to the owner and can also update the information on level of waste in bin to an IOT platform.
378	Bird Feeder and Poultry Conditioning monitoring using Embedded system (Domains / Embedded applications)	The main objective of this project is to design an automatic bird feeder that feeds the birds in time which reduces the work for farmer to feed the birds

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+919975600245; +918484857487

379	Multi-Directional Rotating Dumping Trailer (Domains / Robotics)	Modern 3 ways dropping dumper' has been conceived by observing the difficulty in unloading the materials. The survey in this regards in several automobile garages, revealed the facts that mostly some difficult methods were adopted in unloading the materials from the trailer
380	Multi-Directional Rotating Dumping Trailer (Domains / Mechatronics)	Modern 3 ways dropping dumper' has been conceived by observing the difficulty in unloading the materials. The survey in this regards in several automobile garages, revealed the facts that mostly some difficult methods were adopted in unloading the materials from the trailer
381	Multi-Directional Rotating Dumping Trailer (Controllers / PIC16F77A)	Modern 3 ways dropping dumper' has been conceived by observing the difficulty in unloading the materials. The survey in this regards in several automobile garages, revealed the facts that mostly some difficult methods were adopted in unloading the materials from the trailer

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382	Multi-Directional Rotating Dumping Trailer (Controllers / ARM7)	Modern 3 ways dropping dumper' has been conceived by observing the difficulty in unloading the materials. The survey in this regards in several automobile garages, revealed the facts that mostly some difficult methods were adopted in unloading the materials from the trailer
383	System of Detection and Scanning Bar Codes from Raspberry Pi Web Camera	The main objective of this project is to scan the bar code labels on the grocery items or other and send the data or link through GSM along with the IOT Platform.
384	Implementation of Network Weather Report System Through Network State Observation (Controllers / Arduino)	
385	IOT Based Liquid Level Monitor Using NodeMCU	

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Email_ID – contact@trimitytechnologies.in
+919975600245; +918484857487

386	Raspberry Pi As A Video Server (Controllers / Raspberry pi)	
387	Adjustment Of Bed For A Patient Through Gesture Recognition Using Arduino (Controllers / Arduino)	
388	Adjustment Of Bed For A Patient Through Gesture Recognition: An Image Processing Approach	
389	Real Time Position Tracking System Using Google Maps Api V3	
390	Real Time Position Tracking System Using Google Maps Api V3	

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Email_ID – contact@trimitytechnologies.in
+919975600245; +918484857487

391	Real Time Position Tracking System Using Google Maps Api V3 Using Raspberry Pi (Controllers / Raspberry pi)	
392	Real Time Position Tracking System Using Google Maps Api V3 Using Arm7 (Controllers / ARM7)	
393	Android Controlled Wildlife Observation Robot (Controllers / Raspberry pi)	
394	Android Controlled Wildlife Observation Robot Using Arduino	
395	Waiter Robot – Solution To Restaurant Automation	

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+919975600245; +918484857487

396	Street Light Controller System Using IOT (Domains / IOT)	
397	Object Sorting Automated System Using Raspberry Pi	
398	Iot Based Bridge Safety Monitoring System (Domains / IOT)	
399	Automatic Gas Cylinder Booking Over Iot (Domains / IOT)	
400	Onboard Entertainment Services Using Raspberry Pi With Recommendation Engine (Domains / IOT)	
401	IOT Based Password Based Circuit Breaker (Domains / IOT)	

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Website - www.trimitytechnologies.in
Email_ID – contact@trimitytechnologies.in
+919975600245; +918484857487

402	Raspberry Pi and GSM Based Smart and Billing System	
403	Smart Crop Protection System with Mail Alert Using NodeMCU	
404	Ob City – Definition Of A Family-based Intervention For Childhood Obesity Supported By Information And Communication Technologies	
405	Tmcas:an Mqtt Based Collision Avoidance System For Railway Network	
406	Integrated Cafeteria Management System Using Rfid	

Contact Details-
Website - www.trimityechnologies.in
Email_ID – contact@trimitytechnologies.in
+919975600245; +918484857487

407	Lightweight Rfid Protocol For Medical Privacy Protection In Iot	
408	Fast Access For Zigbee-enabled Iot Devices Using Raspberry Pi	
409	Real-time Monitoring Of Bone Fracture Recovery By Using Aware, Sensing, Smart And Active Orthopedic Devices	
410	Intelligent Manhole Cover Management System For Smart Cities	
411	Intelligent Manhole Cover Management System For Smart Cities	

Contact Details-
Website - www.trimitytechnologies.in
Email_ID – contact@trimitytechnologies.in
+919975600245; +918484857487

412	PiCam: IoT based Wireless Alert System for Deaf and Hard of Hearing	This project describes implementation of a low cost IOT based alert system for deaf and hearing impaired people for their safety purposes. Whenever someone presses the doorbell or tries to smash the door, image will be captured and sent to the owner mail along with an SMS alert.
413	Iot Based Liquid Level Monitor (Domains / IOT)	
414	An Iot Platform Integrated Into An Energy Efficient Dc Lighting Grid	
415	Educating Students In Remote Areas Using Augmented Reality	
416	School Bus Monitoring System Using Raspberry Pi	

Contact Details-
Website - www.trimitytechnologies.in
Email_ID – contact@trimitytechnologies.in
+919975600245; +918484857487

417	Multi-sensor Integrated System For Wireless Monitoring Of Greenhouse Environment (Domains / IOT)	
418	Prototype Desogn of an Iot Enabled Cost Eeficient Portable Heart Health Data Acquisition System	
419	Onboard Entertainment Services Using Raspberry Pi With Recommendation Engine (Domains / IOT)	
420	Iot-based Drone For Improvement Of Crop Quality In Agricultural Field	

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Website - www.trimityechnologies.in
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+919975600245; +918484857487

421	Fast Access For Zigbee-enabled Iot Devices Using Raspberry Pi	
422	An Iot Platform Integrated Into An Energy Efficient Dc Lighting Grid	
423	Real-time Eye Tracking For Password Authentication Using Arduino (Domains / IOT)	
424	Design Of The Intelligent Control System Of Classroom Based On Arduino	
425	A Wireless IOT System Towards Gait Detection in Stroke Patients	

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+919975600245; +918484857487

426	A Wireless IOT System Towards Gait Detection in Stroke Patients	

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Website - www.trimityechnologies.in
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