

Embedded And IOT

1.	Internet of things based architecture of web and smart home interface using gsm
2.	Internet of things: ubiquitous home control and monitoring system using android based smart phone
3.	Smart e-health gateway: bringing intelligence to internet-of-things based ubiquitous healthcare systems
4.	intelligent helmet for security leads to accident avoidance
5.	an efficient method to find images using raspberry pi
6.	early bridge vibration detection and alarming system
7.	voice based navigation system for blind people using ultrasonic sensor
8.	vehical acciedent prevention
9.	traffic intimation using gps & gsm
10.	automatic note to coin exchanger using image processing microcontorller
11.	wireless bassed tsunami and earthquake warning system
12.	automatic toll collector
13.	Iot based waste management system
14.	Eye retina controlled wheel chair based on sensors
15.	Over speed fining system
16.	Environment pollutant data collection for green city
17.	Iot based home domestics system
18.	Iot based women safety jacket
19.	New electronic approach hydroponics
20.	A smart helmet for air quality and hazardous event detection for the mining industry
21.	A smart wearable system for sudden infant death syndrome monitoring

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22.	Nfc based super secure bike
23.	Credit/debit card reader with face recognition based on webcam
24.	Biometric wireless pendrive
25.	Development of a distributed disaster data and human life sign probe system
26.	Iot based wireless led display
27.	Aquatic weed harvester robot
28.	Smart tricycle
29.	Self-configuration and smart binding control on iot applications
30.	Smart device for optimal use of stored renewable power
31.	Touch-based atm with pattern as password
32.	Turning the internet of (my) things into a remote controlled laboratory
33.	Iot based approach for digitalization of irrigation system
34.	Ur-solarcap: an open source intelligent auto-wakeup solar energy harvesting system for super capacitor-based energy buffering
35.	Dc motor speed synchronization
36.	Patient centric health care monitoring using iot
37.	Zigbee network system for observing operating activities of work vehicles
38.	Touch screen based nurse calling /attendant system for physical impaired patient
39.	Bio gas automation system
40.	Automatic detection and notification of potholes and humps on roads to aid drivers
41.	Wireless environment monitoring system using soil energy
42.	Intelligent breaking system

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43.	Online prediction of driver distraction based on brain activity pattern
44.	Child security system via biometrics and android
45.	Wind and solar powered train
46.	Floor cleaning robot
47.	Ecg display on android mobile using iot
48.	Rfid technology for continuous monitoring of physiological signals in small animals
49.	Wearable sensors for human activity monitoring
50.	Iot based hand motion controlled robot
51.	Multiple programmable batch event counter with conveyor belt arrangement
52.	E-driving license and intelligent e-police applied in modern electronic travel aid
53.	A smart and ubiquitous controlled-environment agriculture system
54.	travolution system for car
55.	Interference-mitigated zigbee-based advanced metering infrastructure
56.	Intelligent air conditioner
57.	Design of entrapment escalation using gsm for elevators
58.	A wearable device for continuous detection and screening of epilepsy during daily life
59.	Digital controller for single phase active power line conditioner
60.	Light weight access control system for constrained iot devices
61.	Automated sensor network for monitoring and detection of impurity in drinking water system
62.	Power factor correction in domestic load

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63.	Home outlet and led array lamp controlled by a smartphone with a hand gesture recognition
64.	The design of building fire monitoring system based on zigbee-wifi networks
65.	An intelligent universal remote control system for home appliances
66.	Visual impairment aid
67.	Leap motion somatosensory controlled switches
68.	Lot based smart healthcare kit
69.	Mine detecting robot prototyping
70.	Bio-inspired plastic controller for a robot arm to shake hand with human
71.	Optimal energy management of greenhouses in smart grids
72.	Application of rfid technology and the maximum spanning tree algorithm for solving vehicle emissions in cities on internet of things
73.	Rfid & gsm based intelligent courier mail box system
74.	Microcontroller based anesthesia machine
75.	Multiprocessor communication system for single phase servo stabilizer
76.	Implementation of smart home control by using low cost arduino & android design
77.	Smart grid
78.	Multipoint wireless data acquisition system for smart vehicle
79.	Lot based smart healthcare kit
80.	Transient stability analysis and enhancement of a complex multi-machine system using controllers
81.	Enabling reliable and secure iot-based smart city applications
82.	Data transfer with the help of usb host controller without pc

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83.	Water management system using dynamic ip based embedded web server in real time
84.	A smart system connecting e-health sensors and the cloud
85.	Implementation of a web of things based smart grid to remotely monitor and control renewable energy sources
86.	Intelligent early-warning system for landslides based on the zigbee network
87.	Implementation of a wireless gesture controlled robotic arm
88.	Design of smart power controlling and saving system in auditorium
89.	Vehicular pollution and status monitoring using rfid
90.	Multi-sensors data fusion based on arduino board and xbee module technology
91.	Api for communication between lab view and arduino uno
92.	Development of an ambulatory ecg system based on arduino and mobile telephony for wireless transmission
93.	A framework for environmental monitoring with arduino-based sensors using restful web service
94.	Design of self powered embedded wireless smart camera using multimodal video analysis
95.	Implementing intelligent traffic control system for congestion control, ambulance clearance, and stolen vehicle detection
96.	Implementation of arduino-based multi-agent system for rural indian micro grids
97.	An arduino-based indoor positioning system (ips) using visible light communication and ultrasound
98.	Smart life using nfc

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99.	Wsn-based smart sensors and actuator for power management in intelligent building
100.	Nfc based locker system
101.	Deep sea fishermen patrol system for coastal intruder positioning
102.	Electric vehicle charging method for automobiles using photovoltaic cells
103.	Weapon authentication and control system using palm image verification
104.	Smart phone based robotic control for surveillance applications
105.	Ultrasonic spectacles & waist- belt for visually impaired & blind person
106.	Wireless black box using mems accelerometer and gps tracking for accident monitoring of vehicle
107.	Handicom - handheld deaf and dumb communication device based on gesture to voice and speech to image word translation with sms sending and language
108.	Embedded controller integrated into a wsn for control motor speed using wifi network
109.	User interactive and assistive fleet management and eco-driving system
110.	Instrumentation for safe vehicular flow in intelligent traffic control systems using wireless networks
111.	Solid waste management architecture using wireless sensor network technology
112.	Detecting and warning system for fireworks warehouse based wireless sensor network
113.	Context-adaptive multimodal wireless sensor network for energy efficient gas monitoring

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114.	High efficiency hybrid intelligent street lighting using zigbee network and sensor
115.	A novel and lightweight system to secure wireless medical sensor network
116.	Vehnode : wireless sensor network platform for automobile pollution control
117.	Data acquisition and control using arduino-android platform : smart plug
118.	Monitoring driving habits through an automotive can network
119.	Design of preferential electronic voting machine using avr series microcontroller
120.	Design of remote automatic meter reading system based on zigbee and gprs
121.	Weapon authentication and control system using palm image verification
122.	Hi-tech energy meter with automatic load control using arm7 tdmilpc2148
123.	Secure message transmission over wireless communication using arm7 tdmilpc2148
124.	Accelerometer based intelligent system for human movement recognition
125.	Design and development of digital pid controller for brushless dc motor drive system
126.	Design and implementation of a home automation system for smart grid applications
127.	sun tracking solar panel using arduino
128.	ultrasonic blind stick with gps tracking

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129.	vehicle speed limiter project
130.	automated paralysis patient healthcare system project
131.	self balancing robot project
132.	flammable gas & fire accident prevention project
133.	workplace alcohol detector with instant reporting
134.	bus & truck drunk driving alert using pic
135.	combustible gas detection with gsm alert using pic
136.	automatic railway train safety system
137.	rotating solar panel using arduino
138.	factory worker alcohol detector with automatic machine shutdown
139.	rfid attendance system with sms notification
140.	fingerprint based security system
141.	advanced footstep power generation system
142.	coin based water dispenser system
143.	rough terrain beetle robot
144.	iot weather reporting system
145.	iot air & sound pollution monitoring system
146.	energy meter monitoring over iot
147.	iot based person/wheelchair fall detection
148.	iot patient health monitoring project
149.	iot heart attack detection & heart rate monitor
150.	iot based toll booth manager system
151.	anti drowning system with remote alert
152.	fire & gas accident avoider system
153.	solar ups project

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154.	gps vehicle tracking & theft detection
155.	automated car parking with empty slot detection
156.	vehicle movement street light with light sensing atmega
157.	programmable energy meter with bill estimation
158.	remote controlled pick & place robotic vehicle
159.	voice based notice board using android
160.	android antenna positioning system
161.	wireless mobile charging project
162.	hand motion controlled robotic arm
163.	soldier health & position tracking system
164.	hand motion controlled robotic vehicle
165.	dc motor speed control by android
166.	android circuit breaker
167.	android password based remote door opener system project
168.	industry process automation using programmable switching
169.	iot garbage monitoring system
170.	iot liquid level monitoring system
171.	voice controlled home automation
172.	traffic controller based on density with rf remote override
173.	heart attack detection by heart beat sensing
174.	gsm based home automation
175.	android military spying & bomb disposal robot
176.	wildlife observation robot using rf
177.	remote controlled automobile using rf
178.	android controlled wildlife observation robot

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179.	electronic notice board controlled by gsm
180.	automated water pump with dry run intimation using gsm
181.	controlling pc by tv remote as mouse
182.	configurable medication reminding syst
183.	electrical load controlled by pc
184.	displaying moving message on notice board using pc
185.	efficient power manager project
186.	testing life cycle of electrical loads using down counter
187.	ir based obstacle detection for load switching project
188.	ir based traffic density detection and signal adjustment
189.	ac power strength controller system
190.	traffic signals with synchronization system
191.	solar panel with sun position tracking
192.	multi motors with synchronized speed
193.	irrigation system running on solar power
194.	system to measure solar power
195.	controlling solar energy charge
196.	single phase induction motor with smooth start
197.	configurable password security system
198.	mc based line follower robot
199.	supervisory controlling plus data acquisition for remote industry
200.	rfid based passport project
201.	android controlled notice board project
202.	displaying message using led propeller
203.	load control system using dtmf

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204.	ultrasonic distance measurement project
205.	dialled telephone number display on 7 segment
206.	ir based dish position controller
207.	discotheque flashing stroboscopic light
208.	dynamic signal light timings on traffic density
209.	density based traffic controller with android overriding ability
210.	liquid level controller system without contact
211.	thyristor based cyclo converter
212.	closed loop dc motor control to run it at exact speed
213.	remote vehicle control through cell phone
214.	dtmf cell phone based door opener
215.	rpm display for bldc motor with speed controller
216.	remote controlled induction motor controller
217.	mc based remote beacon flasher
218.	patient health check using wireless health monitor
219.	fire fighter robot with night vision camera
220.	induction motor timer using auto delta star starter
221.	multi-power supply using 4 different sources
222.	ir remote thyristor power controller
223.	controlling induction motor power through thyristor
224.	zvs based 3 stage solid state relay
225.	dc motor speed controller
226.	visitor sensor light with seven segment display
227.	display object counter on 7 segment display
228.	extending life of lamps using zero voltage switching

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229.	cycle switching without harmonics for industrial power control
230.	thyristor firing angle control for battery charging
231.	home automation using touch screen
232.	automating homes using rf
233.	auto irrigation using soil moisture sensor
234.	street light automatic intensity controller
235.	accident identification and alerting project
236.	agricultural robot project
237.	ir lighting controller
238.	wireless surveillance robot controlled by pc
239.	long range spy robot with night vision
240.	long range spy robot with obstacle detection
241.	long range spy robot with metal detection
242.	anti terrorism vehicle authorizing system
243.	bike security anti theft project
244.	touch pad based device project
245.	mobile charging on coin insertion
246.	early flood detection system
247.	ultrasonic navigation for the blind
248.	industry color mixer using gsm
249.	automatic pc surveillance system camera
250.	fire fighter robot project
251.	fuel theft detection
252.	home security using gsm
253.	automatic toll collection project

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254.	auto light/water saving project
255.	quad rotor (four fan helicopter)
256.	induction motor speed & direction controller
257.	dc motor speed control using gsm
258.	mini windmill power generation project
259.	ir wireless underwater communication system
260.	multiple cities load shedding using arm
261.	automatic lemon juice vending machine
262.	solar peizo hybrid power charging system
263.	zigbee based room temperature controller project
264.	load sensing seats with lights fan control
265.	induction motor speed controller project
266.	arduino based system to measure solar power
267.	hybrid inverter with solar battery charging
268.	fingerprint based bank locker system
269.	fingerprint vehicle starter project
270.	tv remote controlled home automation pic
271.	iot based icu patient monitoring system
272.	motion based door opener with metal detector
273.	secure fingerprint bank locker with image capture
274.	smart room temperature controller atmega
275.	ultrasonic radar project
276.	iot irrigation monitoring & controller system
277.	accurate room temperature controller project
278.	high performance hovercraft with power turning

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279.	smart solar grass cutter with lawn coverage
280.	automatic light intensity controller by external light sensing
281.	vehicle movement based street lights with external light sensing
282.	traffic density control with android override using avr
283.	alcohol sensing alert with engine locking project
284.	prepaid energy meter with theft detection
285.	pc based home automation
286.	advanced military spying & bomb disposal robot
287.	human speed detection project
288.	smart wireless battery charging with charge monitor project
289.	hovercraft controlled by android
290.	fully automated solar grass cutter
291.	machine overheat detection with alert
292.	home and industrial safety using fire and gas detection system
293.	rf controlled spy robot with night vision camera
294.	gsm based industry protection system
295.	automated visitor counter with 7 segment display
296.	vehicle theft detection/notification with remote engine locking
297.	android controlled automobile
298.	home automation using android
299.	zigbee based secure wireless communication using aes
300.	voice controlled robotic vehicle
301.	automated elevator with overload alert
302.	accurate room temperature controller project
303.	gsm based weather reporting (temperature/light/humidity)

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304.	fingerprint authenticated device switcher
305.	fingerprint based exam hall authentication
306.	rain sensing automatic car wiper
307.	wireless red signal alerting for trains
308.	gsm stepper motor speed & direction controller
309.	fingerprint voting system
310.	automated rf plus ir based paid parking manager system
311.	geo location guide using rf
312.	motion based message conveyer for paralytic/disabled people
313.	rf based secure door opener system
314.	billing system based on rfid
315.	gsm patient health monitoring
316.	remote stepper motor controller system
317.	dam operation based on water level
318.	alcohol sensing display with alarm project
319.	motion based pc video game
320.	automatic unauthorized parking detector with sms notification to owner
321.	rtc based pump switcher
322.	ultrasonic blind walking stick
323.	fire plus hazardous gas detection and instant sms alerting system
324.	remote controlled robotic arm using rf
325.	android controlled robotic arm
326.	mini ir radar for unauthorized object detection
327.	cng/lpg gas accident prevention with gsm alert
328.	gsm based door unlocker system

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329.	auto lap time measurement system
330.	sms voting system project
331.	prepaid electricity billing meter
332.	cng/lpg gas leakage accident prevention system
333.	robotic vehicle with metal detection project
334.	programmable sequential load operation controlled by android application project
335.	car overspeeding detection project
336.	rf secure coded communication system
337.	android password based remote door opener system project
338.	android controlled remote password security
339.	android controlled railway level gate control
340.	android controlled remote ac power control
341.	robot controlled by android application
342.	xbee transformer/generator health monitor project
343.	security access control using rfid project
344.	home appliance control using android application project
345.	anti stampede monitoring and alarm project
346.	attendance system based on rfid project
347.	commercial power saver project
348.	industry power consumption penalty minimization using afpc unit project
349.	obstacle avoider robotic vehicle
350.	precise digital temperature controller
351.	circuit breaker based on password
352.	multi microcontroller networking system

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353.	motion based automatic door opener
354.	industry temperature control system
355.	android controlled fire fighter robot
356.	speech detector robotic vehicle control
357.	robotic arm vehicle controlled by touch screen display
358.	android controlled based spy robot with night vision camera
359.	android controlled pick and place robotic arm vehicle project
360.	gps + gsm based advanced vehicle tracking system project
361.	shuttling metro train between stations project
362.	monthly electricity billing display with bill sms feature
363.	power meter billing plus load control using gsm
364.	
365.	industrial load switcher based on touch screen
366.	energy management system with programmable numbers using gsm
367.	sms controlled railway level gate control with programmable numbers
368.	instant electric circuit breaker
369.	tv remote controlled robotic vehicle project
370.	device load monitor with programmable meter for energy audit
371.	zero contact tachometer (speedometer)
372.	power grid failure detection based on voltage and frequency variance detection
373.	dish position controller using tv remote
374.	thyristors based dual converters
375.	flexible ac transmitter system using tsr
376.	svc based flexible ac transmission system(facts)

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377.	microcontroller based 4 quadrant speed control system
378.	advanced wireless power transfer system
379.	3d space wireless power transferring project
380.	car parking project based on rfid
381.	controlling pc by tv remote as mouse
382.	car speed checker with led display
383.	wireless pc communication system
384.	tv remote controlled home appliances project
385.	digitally controlled home automation project
386.	vehicle sensing street lights project
387.	lamp illumination control with precision
388.	load shedding time management with programmable interface
389.	industry automation using programmable switching in repetitive nature of work
390.	android controlled induction motor with 7 segment display
391.	ultrasonic object detection project
392.	solar street lights with auto intensity controller
393.	ac power controller with programmable interface
394.	postage stamp value calculator

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395.	Real- time automation and monitoring system for modernized agriculture using arm7 tdm lpc2148
396.	A study and design based simulation of hybrid solar car using arm7 tdm lpc2148
397.	Object sorting system using robotic arm using arm7 tdm lpc2148
398.	A review on smart sensors based monitoring system for agriculture using arm7 tdm lpc2148
399.	Gas leakage detection and monitoring based on low power microcontroller and zigbee using arm7 tdm lpc2148
400.	Coal mine detection using embedded system using arm7 tdm lpc2148
401.	Gsm based advanced transformer load sharing system using arm 7 tdm lpc2148
402.	Biometric finger print based bank locker system using arm 7 tdm processor lpc2148
403.	Hand gesture recognition using mems for specially challenged people using arm7 tdm lpc2148
404.	Touch screen and zigbee based wireless communication assistant using arm7 tdm lpc2148
405.	Mobile phone signal jammer for gsm, cdma with pre-scheduled time duration using arm7 tdm lpc2148
406.	Design of intelligent ambulance and traffic control using arm7 tdm lpc2148
407.	Implementation of zigbee based multipoint secured pc messaging system arm 7 tdm processor based lpc2148 controller
408.	Design of electronic voting systems for reducing election process using arm7 tdm lpc2148

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409.	Embedded quiz monitoring system with team performance evaluation using arm7
410.	Petrochemical level indicator and controller for automation of cotton purification process in spinning mills using arm7
411.	Model radar implementation, signal detection and various frequencies identification with remote station alerting system using arm7
412.	Solar driven vehicle with drunken people identification with auto ignition disable function using arm7
413.	Implementing uc/os– ii kernel based rtos using arm7 tdm1 (lpc2148) based controller
414.	Mobile operated water robot using arm7 based lpc2148
415.	An rfid-based system for pilgrim management using arm7
416.	Hand gesture based wheel chair movement control for the disable with mems using pwm technique
417.	Gsm based train reservation system using arm7
418.	Gsm based remote monitoring intelligent system based on fingerprint door lock using arm7
419.	Design of arm based data acquisition and control using gsm and tcp/ip network
420.	Arm7 lpc2148 processor based mobile phone controlled alive human detector using robotics.
421.	Arm7 lpc2148 processor based cell phone operated sweeping robot with wireless video.
422.	Design and development of embedded live & motion detection system in military application in arm lpc2148.
423.	Rf-id based road toll tax using lpc2148 processor.

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424.	Sophisticated sign board power saving system scheduling by designing the calendar using arm
425.	Arm7 based embedded web server.
426.	Random password generation and intimation to user through sms for high security applications using arm
427.	Digital blood pressure monitoring on glcd with arm microcontroller
428.	Design vehicle positioning system based on arm
429.	Implementation of eeprom interfacing with i2c protocol using arm 7 tdm
430.	Real time data acquisition using arm 7 tdm processor based lpc2148
431.	Gsm controlled door latch opener with security dial up with changeable telephone number
432.	Optimal growth sensor and farm security robot
433.	Domotics using zigbee
434.	Intelligent briefcase with digital code lock and shock generator during unauthorized access
435.	An innovative method of teaching electronic system design with psoc
436.	Design and development of arm based embedded intelligent public transport vehicle position system
437.	Real-time human tracking using fusion sensor for home security robot
438.	Virtual security zones for student tracking and elderly fall alert based on gsm watch and skin pressure sensitive lock
439.	Bluetooth based home automation and security system using arm9
440.	Conditional privacy preserving security protocol for nfc application
441.	A real time border alert system for boats using wins
442.	Fabrication of solar operated heating and cooling system using thermo-electric module using arm7 tdm lpc2148

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443.	A real time embedded finger vein recognition system for authentication on mobile devices
444.	Railway track security system
445.	Multisource elevator energy optimization and control
446.	Embedded microcontroller using gps as a security resource for disabled people
447.	Modern multipurpose security and power management system
448.	A network security situation assessment method based on attack intention perception
449.	Arm based smart trolley system
450.	Balancing security and usability in encrypted email
451.	Survey of enhanced three-factor security protocol for consumer usb mass storage devices
452.	Arm based industrial robot with iot
453.	Biometric security through visual encryption for fog edge computing
454.	Climate monitoring system based on arm7 (lpc2148)
455.	Travel assistant for blind with dynamic user input for location based alerts using arm7 and xbee
456.	Defense robotic model for war field using xbee
457.	Arm based voice operated device control using voice and xbee for physically challenged people.
458.	Coded card security system using msp430 for smart office with wireless paging.
459.	Industrial disaster management system using arm 7 with various parameter monitoring on glcd

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460.	Xbee based smart vehicle sniffer for thefted vehicles with various security system
461.	Xbee based school bus or company cabs tracking system with remote locking
462.	Virtual atm: a low cost secured alternative to conventional mobile banking
463.	Arm based tsunami detector
464.	Dynamic wireless sensor networks for real time safeguard of workers exposed to physical agents in constructions sites
465.	Arm based smart building security
466.	Arm based college annunciation system
467.	Arm based integrated method for calculating the vehicle
468.	Parameters monitoring by using can protocol
469.	Secure and lightweight network admission and transmission protocol for body sensor networks
470.	Arm based lifi system
471.	Arm based child security system
472.	Scada based power distribution and monitoring system
473.	Intelligent monitoring and control rendered to street lighting as per density
474.	Smart ordering system with billing facility
475.	Automated agriculture system using a wireless sensor network and gprs module
476.	iot based smart metering system with billing system
477.	Ecg based monitoring system using arm
478.	Waste segregation for industrial application

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479.	Liquid level with flow measurement system
480.	A flexible wireless body sensor network system for health monitoring
481.	A security layer for smartphone-to-vehicle communication over bluetooth
482.	Smart ambulance with its
483.	Using a smartphone to measure heart rate changes during relived happiness and anger
484.	Semantic-aware real time scheduling in robotics
485.	Digital goinometer using arm
486.	Smart braille keyboard with android
487.	Intelligent household led lighting system considering energy efficiency and user satisfaction
488.	Automatic cruze control system with sensor
489.	Environment monitoring and device control using arm based embedded controlled sensor network
490.	Solar based advanced water quality monitoring system using wireless sensor network
491.	Embedded power and energy measurement system based on an analog multiplier
492.	Online monitoring of geological sensor with controlling system
493.	Ethernet enabled digital i/o control in embedded systems
494.	Wireless black box report for tracking of accidental monitoring in vehicle
495.	A real time embedded finger vein recognition system for security
496.	Design and implementation of automatic meter reading using iot

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497.	Real time hand gesture recognition for human machine communication using arm
498.	Industrial wsn in iot environment interface with smart sensor
499.	Touch screen based control for a wheel chair and home appliance
500.	Intelligent robot for walking assistance of elder and handicapped people
501.	Automated fare collection system for public transport using gps
502.	A tele-medicine system for measuring heart rate, blood pressure, and drug level detection

Note: - This is an sample project list for latest updated topics call us or fill free enquiry form...!

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