

FINAL YEAR PROJECTS FOR
MECH, ECE, EEE, E&I, CIVIL, CSE, IT, AUTOMOBILE.

JDNET TECHNOLOGIES

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DIPLOMA PROJECT TITLE FOR EEE/ECE IN THE ACADEMIC YEAR 2025-2026

1. Android based Alcohol detection system using Bluetooth technology
2. Solar Wireless Electric Vehicle Charging System
3. Design of Ebike Speed Controller System
4. Design of Wearable Oscilloscope Smart Watch
5. Design of Contactless Switch For 4 Load Switching
6. Smart Vehicle Headlight Auto Switching
7. Power Grid Failure Detection Based on Voltage and Frequency Variance Detection
8. Ac to High Voltage DC Using Voltage Multiplier Circuit
9. Auto Selection of any Available Phase in 3 Phase Supply System
10. ACPWM Control System for Induction Motor using AVR Microcontroller
11. Smart Charger Monitoring System using Arduino
12. Smart Road Safety and Vehicle Accident Prevention System for Mountain roads
13. IOT based Smart Agriculture Monitoring System Project
14. IOT Based Automatic Vehicle Accident Detection and Rescue System
15. RFID Based Petrol Pump Automation System
16. IOT Based Heart Monitoring System Using ECG
17. IOT based Anti-theft Flooring System using Raspberry Pi
18. Dual Axis Solar Tracking System with Weather Sensor
19. Face Recognition Door Lock System Using Raspberry Pi
20. Rotating Solar Inverter Project using Microcontroller 50W
21. Vertical Axis Wind Turbine With Inverter
22. Automatic Road Reflector Light
23. Auto Water Pump Switcher
24. Grid Tie Rotating Solar Rooftop System Atmega
25. Induction Motor Speed & Direction Controller
26. Hybrid Inverter With Solar Battery Charging
27. Digitally Controlled Home Automation Project
28. Flexible AC Transmission Using TSC
29. 3 Way Failure Analyzer Reset On Temporary Fault else Permanent trip
30. Advanced Wireless Power Transfer System
31. Mini Windmill Power Generation Project
32. Dual Power Generation Solar Plus Windmill Generator

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33. Single Phase Induction Motor With Smooth Start
34. Checking Phase Sequence of 3 Phase Supply
35. Ac to High Voltage DC Using Voltage Multiplier Circuit
36. Microcontroller less Four Quadrant DC Motor Control
37. Smart Wireless Battery Charging With Charge Monitor Project
38. Accurate Room Temperature Controller Project
39. Industry Process Automation Using Programmable Switching
40. Testing Life Cycle Of Electrical Loads Using Down Counter
41. AC Power Strength Controller System
42. System To Measure Solar Power
43. Controlling Solar Energy Charge
44. Single Phase Induction Motor With Smooth Start
45. Configurable Password Security System
46. Supervisory Controlling Plus Data Acquisition For Remote Industry
47. Load Control System Using DTMF
48. RPM Display For BLDC Motor With Speed Controller
49. Multi-Power Supply Using 4 Different Sources For No Break Power Supply
50. Cycle Switching Without Harmonics For Industrial Power Control
51. AC Power Controller With Programmable Interface
52. Load Shedding Time Management With Programmable Interface
53. Lamp Illumination Control With Precision
54. Flexible Ac Transmitter System Using TSR
55. Device Load Monitor With Programmable Meter For Energy Audit
56. Power Meter billing Plus Load Control Using GSM
57. Monthly Electricity Billing Display With Bill SMS Feature
58. Industry Power Consumption Penalty Minimization Using AFPC Unit Project
59. Commercial Power Saver Project
60. Solar Powered Battery Charging With Reverse Current Protection
61. Overvoltage And Undervoltage Protection System
62. Fast Voting Game Project
63. Electronic Water Level Controller Device
64. E Bicycle Locking System
65. Automatic Smoke Detector Alarm
66. Synchronously Blinking Emergency Light
67. Sound Operated Timer Project
68. Smart Burglar Alarm
69. Plant Moisture Monitoring System
70. Design of solar powered automatic pesticide sprayer, grass cutter and seed sower using wifi

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71. Design and implementation of solar powered low cost compressor for domestic stove
72. Rpm display for bldc motor with speed controller
73. Solar panel with sun position tracking
74. Social distancing alarm using arduino
75. Electrical conductivity sensor based system for earthing electrode installation
76. GSM Based Driver Assistance System In Night Time Driving
77. Automatic Oil Tank Truck Alarm System For Fuel Theft Prevention
78. Truck Weighing Based On The Suspension Of The Vehicle
79. Smart Tiles For Elder Tracking And Fall Detection System
80. Vertical axis wind turbine with inverter
81. High voltage transmission line surveillance vehicle
82. Design and implementation of low cost distribution transformer monitoring system for remote electric power grid
83. A non-isolated step up dc –ac converter with reduced leakage current for grid connected photovoltaic systems
84. Traffic alert and shortest route estimation system
85. Power theft identification and energy saver using iot
86. Multigrid hybrid energy system for street lighting (solar & windmill)
87. Development of smart irrigation system with pc mcu and sensor networking
88. Detection Of Driver Drowsiness And Controlling The Vehicle Using Arduino
89. Health Monitoring System For Comatose Patient
90. Early Flood Detection And Monitoring System Based On Wireless Sensor Network
91. Remotely Monitoring Health Of The Solar Power System Using Arduino
92. Wireless Power Transmission For A Traveling Mobility Scooter
93. Automatic Farming Robot For Smart And Effective Cultivation
94. Smart Water Tank Cleaning Machine For House Hold Applications
95. RFID Based Theft Detection and Vehicle Monitoring System using Raspberry Pi
96. Microcontroller based wireless energy meter monitoring with automatic traffic calculation using rf transmitter and receiver.
97. Hybrid inverter with solar battery charging
98. Monthly electricity billing display with bill sms feature
99. Iot based smart agriculture monitoring system
100. Power meter billing plus load control using gsm
101. Stand alone system for automatic power supply control from different sources: solar, mains, generator & inverter.

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102. Energy meter data logging system with real time clock and kwh reading.
103. Transmission line multiple faults detection and indication to electricity board
104. A novel method to extract maximum power from solar panel using phase angle control and hysteresis current control
105. Monitoring and control of a PLC based VFD three phase induction motor
106. Design of integrated supervision and control system for substation
107. Speed control of three phase induction motor by variable frequency drive
108. Isolating current transformer based smart power theft identification in modern EB
109. Advanced disconnected system for unpaid customer from EB using phase lock loop
110. Smart power saving system in modern power plant using dual current transformer
111. Automatic power failure registration from customer end to EB
112. Monitoring of real time car battery and low voltage alert system
113. Lamp dimmer over Bluetooth by android for real-time applications
114. Vehicle accident prevention using eye blink sensor
115. Battery operated motorized wheel chair for handicaps
116. SMS based automatic two wheeler locking system
117. Accident alerts in modern traffic signal control system by using camera surveillance system
118. Industrial temperature controller
119. High voltage dc up to 2kv from ac by using diode and capacitors in multiplier voltage circuit
120. Temperature adjustable heating system by using power electronics devices
121. Diode clamped multi level inverter using renewable energy system
122. Multi power utilize maximum demand indicator and power factor indicator
123. Programmable energy meter for electrical load survey
124. RFID based device control and authenticating using pic micro controller
125. Forest fire monitoring system based on gsm and zigbee wireless network
126. Finger print based student attendance system with SMS alert to parents
127. Finger print vehicle starter
128. Low power electric fence for agriculture field
129. Electronic quiz table for school and college
130. Three phase solid state relay using ZVS
131. Automatic three phase change over
132. Voice and touch control home automation

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133. Android based smart cinema theatres
134. A real-time embedded system for monitoring of cargo vehicles using controller area network
135. Accelerometer based handicap wheel chair movement
136. Android based notice board with energy saving system
137. Green internet of things for smart world
138. Automatic toll e- ticketing system for transportation system
139. Automatic College Bell Alert with Staff Identification System
140. Automatic Parents Information Collecting System
141. Secured Door Operation Using Numeric Gate Locking System with Electric Motor
142. LPG Gas Sensor Using Auto Ventilation and Alerts
143. Advance encryption and decryption standard using RF
144. Automatic Patient Heart Beat And Temperature Monitoring For Remote Doctors
145. Automatic room light controller with visitor counter
146. Wireless motor techno reading with voice communication.
147. EB (electrical) wireless billing system.
148. Cellular through remote house electrical appliances controlling multichannel controlling system.
149. Wireless ac/dc motor speed controlling system.
150. Consumers through wireless/power line method system.
151. Power failures auto alert announcement system for whole area electrical.
152. Power line through (ac mains 230v) street light on/off controlling system.
153. Cellular phone through industrial ac/dc motor speed controlling system.
154. Wireless multipoint voltage reading system
155. Mainline wire identifier for phase or neutral or each.
156. Power theft identification through wireless.
157. Le/ht transformer auto/heat detection and auto message transfer to EB station or fire station.
158. Computer through multichannel electrical appliances controlling system.
159. Cell phone through body temperature/hear track monitoring system.
160. Battery operated motorized wheelchair monitoring system.
161. Single wireless multichannel remote control can control several rooms.
162. Wireless auto railway traffic signaling (censored) automatic gate close/open system.
163. Home monitoring system.
164. Single phase load sharing system.

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165. Electrical power monitoring with splitting system using in 3 phase.
166. Electrical switch (to control loads) board concealed much wiring are totally reduced using data communication (electrical load) method.
167. Ac power in (mains 230v) through all industrial electrical appliances working status (on/off) indicating system by wireless.
168. Industrial power management system.
169. GSM based irrigation system.
170. A bi-directional guard system design of car based on GPS & GSM
171. Accident detection for release airbag using GSM, GPS&MEMS using 8051.
172. Accident detection for release airbag using GSM
173. Advanced smart card based digital energy meter using ATMEL microcontroller
174. An embedded system and RFID solution for transport related issues
175. An intelligent mobile robot navigation technique using RF technology
176. Application of radio frequency controlled intelligent military robot in defense
177. Atmel based automatic traffic signal controlling system
178. Atmel based home security system (IR,LPG, fire, magnet sensor)
179. Authentication and access control system for security personnel using i-button
180. Authorized home appliances control with one wire protocol based i-button
181. Automatic room light controller with visitor counter using ATMEL controller
182. Biomedical signals monitoring based in mobile computing
183. Can protocol implementation for industrial process control
184. Coin based mobile phone charger for multiple phones
185. Density based intelligent traffic light controller using ATMEL controller
186. Design and implementation of PYRO-electric infrared sensor based security system
187. Design of auto-guard system based on RFID and network
188. Design of monitoring system for coal mine safety based on wireless sensor network
189. Development of a smart power meter for AMI based on GSM communication
190. Development of gas leak detection and location system based on wireless technology
191. Electronic medical record for effective patient monitoring database
192. Electronic voting machine using ATMEL microcontroller
193. Examination room guide using RFID for the jumbling system based exams
194. Finger print based ATM and locker system for modern secured banks

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195. Finger print based money management system for ATM backend operations, bus
196. GPS-GSM integration enhancing public transportation management services
197. Greenhouse monitoring and controlling system using ATMEL controller
198. GSM based pre-paid energy meter based on ATMEL microcontroller
199. GSM based wireless home appliances monitoring & control system
200. Human recognition using RFID technology and stereo vision
201. Innovative congestion control system for ambulance using x
202. Intelligent fleet management system with concurrent GPS
203. Intelligent solar tracking system using ATMEL controller
204. Intelligent spy robot using zigbee
205. Intelligent train tracking system
206. Metal detection robot control using zigbee wireless technology
207. Microcontroller based finger print access developed voting machine
208. Mobile controlled electrical device using ATMEL controller
209. Mobile controlled robot or cell phone operated landrover robot
210. Mobile controlled robot with camera or remote surveillance vehicle (robot with camera)
211. Mobile controlled robot with feedback sensors
212. Monitoring and alarming system based on zigbee technology
213. Multi-robots communication system based on multi node wireless zigbee network
214. NFC based smart surveillance system with corruption avoidance
215. Paperless e-cash management system by using an i-button technology
216. Password based door locking system using ATMEL controller
217. Pc controlled pick and place robot
218. Pc controlled spy robot using wireless webcam
219. Remote home security system based on WSN and GSM technology
220. Remote notice board implementation using GSM communication
221. Remote weather monitoring station design using zigbee
222. RFID based automatic bus ticketing system
223. RFID based remote parent care (RFID & GSM)
224. RFID based student no dues status checking and paying system and displaying
225. Robot motion authoring using finger-robot interaction

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- 226. Robust and efficient password-authenticated key agreement using smart cards for campus management
- 227. Safety of valuable items using zigbee and MEMS sensor
- 228. Secured wireless communication for industrial automation and control
- 229. Security integrated system based on wireless access protocol for industrial applications with SMS alert system using GSM modem
- 230. Smart card based access control and bank control system
- 231. Smart wireless temperature data logger using zigbee 802.15.4
- 232. Solar highway lighting system with auto turn off on day time with LCD display
- 233. Student college alert system to parents by their entry at the college premises by using I-button & GSM
- 234. Temp83-biomedical signals monitoring based in mobile computing
- 235. The application of wireless sensor network design based on zigbee in petrochemical industry field
- 236. Touch panel based advanced home automation system for next generation apartments using zigbee
- 237. Touch panel based industrial device management system for handicapped persons
- 238. Touch panel based modern restaurants atomization using zigbee technology
- 239. Touch panel based nurse /attendant calling system for physically impaired
- 240. Touch panel based wheel chair for handicapped person
- 241. Touch panel based wireless data communication using zigbee technology
- 242. Touch panel controlled motor speed and direction control system
- 243. Two-way wireless data messaging system for rural areas using zigbee technology
- 244. Two-way wireless data messaging system
- 245. Vision-based automated parking system
- 246. Voice controlled & activated wheel chair robot for physically challenged
- 247. Zigbee based attendance alert system with person details by using i-button technology
- 248. Zigbee based intelligent helmet for coal miners
- 249. Automatic railway gate signaling simulator and controller.
- 250. Automatic load sharing of transformer with protective analysis.
- 251. Automatic intelligent plant watering system.
- 252. Advanced wireless automatic digital pumping system for agriculture using soil sensor.

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253. 3 phases prepaid electricity billing automation.
254. Portable power analyzer for energy.
255. Location of faults devices on power system for voltage control.
256. Production of power transformer using microcontroller based delay.
257. AC motor controlling system power technique.
258. Power saving equipment for multi application.
259. Microcontroller based wireless energy meter.
260. Microcontroller based phased sequence indicator.
261. Power jack with RF based remote automation.
262. Microcontroller based remote controller start delta starter.
263. Multiple Starters with Over load and Low High Voltage Protection.
264. Microcontroller Based Measurement of Current, Voltage, Power Factor and Temperature.
265. Wireless DC Motor Speed Control.
266. Sensor Less Speed Control of AC induction Motor using Microcontroller.
267. Street Lighting Control Based on Lon works power Line Communication.
268. Solar Based Energy Saver Controllers.
269. Power Saving Scheme for Colleges.
270. Home Electrical Devices Control System.
271. Automatic Water Motor Speed Control with Water Level Indicator.
272. Microcontroller Based Moving Person Place Detecting System (MPP).
273. Microcontroller Based Electricity Theft Controller.
274. Prepaid Electricity Meter.
275. Burglar Alarm Using Passive Infrared Sensor.
276. SMS Based Home Automation System.
277. Remote Control Device Using turn off - On light Control System.
278. Intelligent Traffic Control Signals.
279. Moving Message Display Using Power Supply Unit.
280. Computer Based Aircraft Detection and Missile Launching System.
281. Room Equipment Controller Using SMS Based System.
282. Internet Enabled Electricity meter.
283. Power factor Correction in Industries.
284. Automatic Room Power Controller.
285. Electrical Device Control through Computer/PC.
286. Intelligent High Power LED Street Light Control System.
287. Real Time Car Battery Monitoring and Low Voltage Alert System.

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288. Microcontroller Based Digital over Voltage Protection System for Industrial Loads.
289. Automatic Washing Machine Motor Control System.
290. Industrial Power Monitoring and Controlling Based on Microcontrollers.
291. Microcontroller Based Automatic Power Factor Controller.
292. SMS Based DC Motor Speed Controller.
293. Digital Calendar Using Electrical Circuit Divider.
294. Radio Frequency Based Industrial Wireless Device Control System.
295. Display on Bus Board, Automatic Place and Intimation.
296. Hotel Power Management through PC.
297. Implementation of Tsunami Alert system using electrical devices with technologies.
298. Microcontroller Based DC Motor with Water Outlet.
299. Automatic Railways Signaling System using Microcontroller.
300. Electrical Appliances Switching with the Mobile.
301. Temperature Based Speed Controlled Fan.
302. Mobile Energy Meter cum Fuse Blower Indication.
303. Electrical Energy from Speed breaker.
304. Accident Avoidance System Using Car Mechanism Control.
305. Bus LCD Showing with Village name Sound Informer.
306. Fuel Level Indicator using 89C51 Microcontroller with Digital Display.
307. Sensor Operated Path Finder Vehicle.
308. Microcontroller Based Motor Speed and Frequency Monitoring System.
309. Two Wheelers Security with Alarm Intimation Systems.
310. Wireless Electric Bill Reading System.
311. Automatic Industrial Time Management System with Display.
312. PC Digital Access Control System.
313. Multiple Starters with Over load and Low High Voltage Protection.
314. Microcontroller Based Measurement of Current, Voltage, Power Factor and Temperature.
315. Wireless DC Motor Speed Control.
316. Street Lighting Control Based on Lon works power Line Communication
317. Solar Based Energy Saver Controllers in industries.
318. Home Electrical Devices Control System.
319. Automatic Water Motor Speed Control with Water Level Indicator.
320. Hall Effect Sensor based wheel chair movement control System.
321. Wireless 3 phase motor starter using RF technology with feedback indicators.

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- 322. Checking and Auto control water level using wireless sensor.
- 323. Speech recognition based password enabled industrial devices switching.
- 324. Intelligent brain security system and auto controlling.
- 325. High voltage fuses blown indication System.
- 326. Method of Measuring power quality and development of monitor device.
- 327. Advanced wireless industrial automation system based on Bluetooth.
- 328. GSM based industrial device security system based on RFID.
- 329. Industrial security system based on LPG gas, smoke and fire sensors with SMS based alerts.
- 330. Automatic power meter reading using GSM network.
- 331. Multiple transformers oil temperature monitoring with automatic circuit breaker operation.
- 332. RFID based Highway toll collection.
- 333. Electrical phase level indicator with capacitor load monitoring system.
- 334. Vehicle count and speed Display system for high ways and high speed alerts with vehicle number using RFID.
- 335. RFID based medical information System.
- 336. Auto-credit Energy Metering System using Mifare card.
- 337. Wireless Vibration monitoring system of industrial equipments.
- 338. Implementation of wireless sensors network for wild fire monitoring system.
- 339. Wireless power meter monitoring system with automatic tariff calculation on handheld device.
- 340. Wireless Power theft monitoring with automatic circuit breaker system and indication at local sub-stations.
- 341. Wireless Energy meter reading on handheld device based on RF.
- 342. A wireless data acquisition and transmission system design.
- 343. Automatic drunken drive avoiding system for automobile.
- 344. Microcontroller based patient care monitoring and information system.
- 345. Finger print based lift operating system.
- 346. Remote distribution transformer monitoring and controlling system using RF.
- 347. Ethernet based home/industrial automation.
- 348. Velocity and force control of a dexterous finger using MEMS.
- 349. Speed control of PMDC motor by using fuzzy logic.
- 350. Involuntary toll gate system for vehicle traffic Management.
- 351. Microcontroller based automatic ticket dispensing Machine.

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- 352. Microcontroller based Fault announcement System.
- 353. Automatic based power factor controlling system.
- 354. Coin Box based water filling system.
- 355. Automatic temperature controller with cooling system.
- 356. PWM based single Phase AC induction motor with closed loop controller.
- 357. Microcontroller based fire fighting AGV.
- 358. Microcontroller based power management system.
- 359. Voltage and current monitoring system.
- 360. Closed loop pressure control system.
- 361. Microcontroller based digital gear level indicator.
- 362. Digital advertisement display using LED.
- 363. Microcontroller based automated guided vehicle (AVG).
- 364. Remote controlled AC/DC Motor speed controlling system.
- 365. AC Motor speed controlling system using PWM techniques.
- 366. Microcontroller Based automatic railway signaling system.
- 367. Intelligent fire monitoring using blue tooth technology.
- 368. GPS based location indicating system for unmanned automobile.
- 369. GSM based traffic density controlling system.
- 370. Gas leakage detector with auto dialing system.
- 371. GPS based bus or train collision avoiding system.
- 372. GSM Based remote measurement of electricity and control system for home.
- 373. Remote control of industrial machine based on GSM technology.
- 374. SMS based automatic two wheeler locking System.
- 375. Railway security management system using GSM.
- 376. SMS based patient monitoring system.
- 377. SMS Based automatic weather report receiving system.
- 378. RFID based hospital automation system.
- 379. RFID based vehicle security and locking system.
- 380. RF communication based involuntary for substation system.
- 381. Wireless wind mill blade pitch controlling system.
- 382. Wireless single phase preventer cum power failure indicator.
- 383. Web based home application controlling system.

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- 384. Solar powered automatic temperature control by switching the fan and window shade.
- 385. SMS controlled solar vehicle for industrial application.
- 386. Remote controlled solar powered handcrafted tilling wheel chair.
- 387. SMS based solar pick and place robot.
- 388. Solar automatic cell phone charger with pay system.
- 389. Electricity and water pumping system using wind mill.
- 390. Solar powered automatic fire fighting robot.
- 391. Water turbine power generation system.
- 392. Fabrication of solar air dryer with auto tracking system.
- 393. Electrical power generation using foot steps.
- 394. Camera based security system.
- 395. Fully automated star- Delta starter with dry run and single phasing preventer.
- 396. Industrial of college power saving and automatic attendance system.
- 397. Automatic blood/glucose flow rate controller.
- 398. Remote controlled sub marine (Model).
- 399. Car or bus reverses operation navigation system by using IR Rays.
- 400. Automatic moisture and light controlling system for garden.
- 401. Hospital patient temperature and respiration monitoring System.
- 402. Intelligent security system for apartments or bank
- 403. Automatic over head controlled for machine.
- 404. Intelligent solar emergency Light.
- 405. Automatic water taps controlling system.
- 406. Switch less calling bell.
- 407. Automatic motorized gate open/close system.
- 408. Automatic temperature controller with cooling system.
- 409. Automatic railway track crack detecting vehicle.
- 410. Railway accident avoiding system.
- 411. Over speed indication and automatic accident avoiding system for four wheeler.
- 412. Electronic ignitions system for automobile.
- 413. Wind energy Vehicle.
- 414. Solar Tracking Street Light System.
- 415. Microcontroller Based Multiple Device Control Based on one input switch.
- 416. Microcontroller based refrigeration control System.
- 417. Multiple industrial device control in industry based on change in input frequency.
- 418. Advanced substation monitoring and control system.
- 419. Autonomous energy meter with auto announcement System.

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- 420. Energy tapping identifier through wireless data acquisition System.
- 421. Wearable Technology based secure access control system with motion based password.
- 422. Finger print and keypad based industrial security access control system.
- 423. Automation of ration products distribution system.
- 424. Automatic packing machine controller.
- 425. Automatic mobile recharger station.
- 426. A zigbee based wireless sensor network for sewerage monitoring.
- 427. A surveillance robot with hopping capabilities for home security.
- 428. A node localization scheme for zigbee based sensor networks for vehicle tracking system.
- 429. A GSM signal based positioning technique for mobile application system.
- 430. Real time remote control of the fan speed and home lights using RF/IR technology.
- 431. A device to detect drunken and drive breath - o- meter.
- 432. Automatic plant watering system according to sunlight.
- 433. Micro controller based multi-room fire detector.
- 434. Automatic of industrial security and control using micro controller.
- 435. Wireless based station announcement system with name display.
- 436. Electronic display to monitor the number of cars parked in a building.
- 437. Micro controller based railway tracking crack detector.
- 438. Remote controlled dish antenna.
- 439. Power saving equipment for multi application.
- 440. Micro controller based phase sequence indicator.
- 441. Micro controller based remote controlled star delta starter.
- 442. Production of power transformer using micro controller based delay.
- 443. Motor speed monitoring over GSM mobile.
- 444. Human travel location tracking system by using GPS.
- 445. Remote Order Booking for e-hotels Through RFID.
- 446. PLC based door open and closing system.
- 447. PLC based double axis crane.
- 448. PLC based traffic density controller using sensor.
- 449. PLC based A.C or D.C motor controlling system.
- 450. PLC based wireless energy meter.
- 451. GSM mobile phone based automobile security system.
- 452. A microcontroller sensor less speed control of D.C motor.

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- 453. Light load efficiency improvement for buck voltage regulators.
- 454. A real time remote control architecture using mobile communication.
- 455. Design and control for a charge regulated fly back switch mode rectifier.
- 456. Designing wireless interfaces for patient monitoring equipment.
- 457. A real time remote control architecture using mobile communication.
- 458. Wireless communication based tire pressure monitoring system.
- 459. Design and control for a charge regulated fly back switch mode rectifier.
- 460. Secure remote access from office to home.
- 461. Family of soft switching PWM converter with current sharing in switches.
- 462. Microcontroller based prepaid card for bus fair system.
- 463. Remote control of industrial machines based on GSM technology.
- 464. Automatic attendance monitoring and Light ON/OFF system.
- 465. PIC microcontroller based wireless blood pressure monitoring system.
- 466. Hotel Power Management through PC.
- 467. Mobile to PC Communication with SMS.
- 468. Machine Control Using PC.
- 469. PC based mobile phone charging system.
- 470. PC Based Fire Axis Material Handling robot.
- 471. PC Based Home Security System.
- 472. Water Level PC Monitoring System.
- 473. Type Pressure Monitoring System.
- 474. PC Based Path Finder Robot.
- 475. DC Motor Speed Control with Programmable Sequence.
- 476. PC Based Temperature Monitoring and Control System.
- 477. Microcontroller Enabled PC Based Industrial Protection.
- 478. PC Based Phone Banking System for Account Statement.
- 479. Remote control of industrial machines based on gsm technology.
- 480. RFID based industrial security system.
- 481. RFID based animal tracking system.
- 482. RFID based ration card system
- 483. RFID based door open/closer system
- 484. RFID based voting machine.
- 485. RFID based patient information management system.
- 486. RFID based personal id and entry/exit system for high security application
- 487. RFID based bank lock open system
- 488. RFID personal object tracking device
- 489. Mobi e-cops.
- 490. Home application controlled through mobile
- 491. RFID based home/office securing system.

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492. Zig-bee for intelligent transport system applications
493. Zig-bee for building control wireless sensor networks.
494. Remote controlled home robot server with zig-bee sensor networks
495. Wireless monitoring system for bank security system using zig-bee.
496. SMS based patient monitoring system using wireless communication.
497. Bank locator security system using SMS alert.
498. Automatic parking intimation through GSM network
499. SMS based automatic weather report receiving system.
500. Industrial automation system using RF
501. An implementation of intelligent shopping system using wireless technology
502. Automatic railway gate control system using IR
503. Microcontroller based fault announcement system
504. Security for industrial with alert system using smoke with fire sensors
505. Embedded microcontroller based robots for weather forecasting.
506. RF communication based human movement security system using sensor.
507. An implementation of intelligent shopping system using wireless technology.
508. SMS based notice board for colleges/institutes.
509. Over speed indication and automatic accident avoiding system for four wheeler.
510. Two ways wireless anti theft alarm system for two wheeler.
511. Real time clock using microcontroller at89s52
512. 89c51 microcontroller based security access control system
513. Electronic voting machine using ic at89c51
514. Automatic plant watering system according to sunlight
515. Micro controller based multi-room fire detector
516. Automatic of industrial security and control using micro controller
517. Wireless based station announcement system with name display
518. Micro controller based railway track crack detector.
519. Controlling AC lamp Dimmer through Mobile Phone.
520. A Novel Wireless Self-powered Microcontroller-based Monitoring Circuit for Photovoltaic Panels in Grid-connected Systems.

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- 521. Wireless Energy Meter reading on hand-help device based on RF Transceiver.
- 522. SCADA implementation based on wireless RF technology.
- 523. Method of Measuring Power Quality and Development of Monitor Device.
- 524. Motor speed is monitoring and control system using GSM modem.
- 525. A Smart Card Based Prepaid Electricity System.
- 526. Voice enabled devices switching for visually impaired.
- 527. Industrial/power grid electrical parameter Data Acquisition system through wireless technology.
- 528. DC Motors speed synchronization for rolling mills.
- 529. Touch Screen based digital devices control system.
- 530. Construction of central control unit for Irrigation water pumps.
- 531. Wireless Energy Meter monitoring system with automatic tariff calculation.
- 532. Home Network Configuring Scheme for All Electric Appliances Using ZigBee-based Integrated Remote Controller.
- 533. Resistive Touch screen controlled contact less speed monitoring and controlling of dc motor with speed limit alerts.
- 534. DC Motor Speed and direction control over GSM Mobile/Modem.
- 535. Smart Wireless Temperature Data Logger
- 536. Energy meter monitoring and control system using SMS technology
- 537. Energy meter data logging system with Realtime clock and KWH readings. Very useful for historical data logging and analysis.
- 538. Energy meter per-day average, Max and Min Load display on Graphical LCD.
- 539. MMC/SD card based data logger for energy meter with time and KWH readings for historical data logging and analysis.
- 540. PIR based energy conservation system for corporate Computers and lighting system.
- 541. Development of Zigbee based Street Light.
- 542. Wireless power theft monitoring system and indication at local substations.
- 543. Touchscreen controlled lamp dimmer for next generation apartments.
- 544. Wireless electrical devices monitoring and controlling system for industrial applications.
- 545. Microcontroller and Touchscreen controlled motor speed and direction controlling system.
- 546. Touchscreen operated industrial oil dispensing system (OIL SCADA).
- 547. An On-line Monitoring System of Temperature of Conductors and Fittings Based on GSM SMS and Zigbee.

**FINAL YEAR PROJECTS FOR
MECH, ECE, EEE, E&I, CIVIL, CSE, IT, AUTOMOBILE.**

JDNET TECHNOLOGIES

(An ISO 9001:2015 Certified Institution)

- 548. 4-wired resistive touch screen controlled lamp dimmer for next generation apartments with Optical isolation and zero crossing detectors.
- 549. Dual (active and standby) Lithium-ion battery charger for continuous non-interrupted power supply to critical loads.
- 550. Graphical LCD and Touch Screen based Electrical devices control system.
- 551. Implementation of wireless sensors network based industrial temperature monitoring system.
- 552. Touchscreen based advanced temperature monitoring and control system with graphical LCD.
- 553. GSM based Irrigation Water Pump Controller for Illiterates (No Mobile phone operation knowledge required).
- 554. Triac and optically isolated diac based electrical oven temperature monitoring and controlling system with zero-crossing detector.
- 555. High power LED based intelligent streetlight controlling system with automatic brightness control with vehicle presence sensor (GSM optional).
- 556. Timer based Electrical Oven temperature monitoring and control for Metal Industries.
- 557. GSM based SCADA implementation using Microcontroller.
- 558. Video Calling/Recording Smartphone Stand
- 559. Solar Power Bank with Wireless Charging
- 560. Power Grid Failure Detection Based on Voltage and Frequency Variance Detection
- 561. Three Phase Fault Analysis with Auto Reset on Temporary Fault and Permanent Trip
- 562. Induction Motor Timer Using Auto Delta Star Starter
- 563. Ac to High Voltage DC Using Voltage Multiplier Circuit
- 564. Auto Selection of any Available Phase in 3 Phase Supply System
- 565. ACPWM Control System for Induction Motor using AVR Microcontroller

ADDRESS

#31, SUBBARAYA CHETTY STREET
THIRUPAPULIYUR
CUDDALORE-2

CONTACT

9159395080

6369929654

CUDDALORE—9159395080,6369929654