

ELECTRICAL AND ELECTRONICS PROJECT TITLES-2015

- 1.Pre-Paid Energy Meter.
- 2.Electricity Distribution System.
- 3.Energy Saver Intelligent Street Lighting System. (Detects traffic & turns ON lights)
- 4.Intelligent Street Lighting System. (All lights connected to central PC)
- 5.PC based room lighting control.
- 6.Wireless room lighting control.
- 7.Intelligent Switchboard.
- 8.Intelligent Room lighting. (Counts if person in room & turns ON light)
- 9.Maximum Demand Controller.
- 10.Power monitoring & logging System.
11. Railway Coach Automation.
12. Bus Stop Monitoring System.
13. Electronic Objective Test System.
14. Reflex Action Measurement.
15. Path Tracking Robot.
16. Electronic Inventory Control
16. Remote Sales Terminal.
17. Remote Irrigation control and monitoring
18. Weather monitoring using GSM for hazardous areas.
19. Water reservoir monitoring and PUMP station control
20. Wild life monitoring and location indicators for visitors
21. Hotel Power Management.
22. Wireless Robotic Crane.
- 23.Controlling AC lamp Dimmer through Mobile Phone (IEEE-2010).
- 24.Multiple Transformers oil temperature monitoring with automatic circuit breaker operation with SMS based alerts.
- 25.A Novel Wireless Self-powered Microcontroller-based Monitoring Circuit for Photovoltaic Panels in Grid-connected Systems (IEEE-2010).
- 26.Wireless Energy Meter reading on hand-help device based on RF Transceiver.
- 27.SCADA implementation based on wireless RF technology. (IEEE-2009).
- 28.Method of Measuring Power Quality and Development of Monitor Device (IEEE-2010).

29. Motor speed monitoring and control system using GSM modem.
30. A Smart Card Based Prepaid Electricity System.
31. High voltage fuse blown indicator with Voice based announcement system.
32. Voice enabled devices switching for visually impaired.
33. Industrial/power grid electrical parameter Data Acquisition system through wireless technology.
34. DC Motors speed synchronization for rolling mills.
35. Wireless Energy Meter monitoring system with automatic tariff calculation.
36. Home Network Configuring Scheme for All Electric Appliances Using ZigBee-based Integrated Remote Controller.
37. Resistive Touch screen controlled contact less speed monitoring and controlling of dc motor with speed limit alerts.
38. DC Motor Speed and direction control over GSM Mobile/Modem.
39. Smart Wireless Temperature Data Logger (IEEE-2007)
40. Energy meter monitoring and control system using SMS technology(IEEE-2007).
41. Energy meter data logging system with Realtime clock and KWH readings. Very useful for historical data logging and analysis.
42. Energy meter per-day average, Max and Min Load display on Graphical LCD.
43. MMC/SD card based data logger for energy meter with time and KWH readings for historical data logging and analysis.
44. PIR based energy conservation system for corporate Computers and lighting system.
45. Development of Zigbee based Street Light (IEEE-2008)
46. Wireless power theft monitoring system and indication at local substations.
47. Touchscreen controlled lamp dimmer for next generation apartments.
48. Wireless electrical devices monitoring and controlling system for industrial applications.
49. Microcontroller and Touchscreen controlled motor speed and direction controlling system.
50. Touchscreen operated industrial oil dispensing system (OIL SCADA).
51. An On-line Monitoring System of Temperature of Conductors and Fittings Based on GSM SMS and Zigbee(IEEE-2008).
52. 4-wired resistive touch screen controlled lamp dimmer for next generation apartments with Optical isolation and zero crossing detectors.