



PRASARTECH

PROJECTS AND SOLUTIONS

An ISO 9001:2008 Certified Institution Approved By GOVT.INDIA

ELECTRICAL AND ELECTRONICS TITLES 2019

S.NO	PROJECT CODE	TITLES	YEAR
1	PTPEE01	PWM Techniques for Permanent Magnet Synchronous Motor Applied to Railway Traction Application	2019
2	PTPEE02	Real Time Implementation of Frequency Jammer	2019
3	PTPEE03	Speed Control of Induction Motor Drive using Universal Controller	2019
4	PTPEE04	Automatic Street Light Control System using LDR	2019
5	PTPEE05	Home Safety Gas Leakage Detection System	2019
6	PTPEE06	RFID and GSM based Bus Locator	2019
7	PTPEE07	Automated Irrigation System Using a Wireless Sensor Network and GPRS Module	2019
8	PTPEE08	Secure Communication between Air Mode and Ground Mode In Satellite based Technology on Air Planes	2019
9	PTPEE09	Hybrid Energy Operative Antenna and Radiation Avoiding in Heterogeneous Cellular Networks	2019
10	PTPEE10	Intelligent Alcohol Detection for Car	2019
11	PTPEE11	Theft Identification for Three Phase Current	2019
12	PTPEE12	Multi-Input Inverter for Grid Connected Hybrid PV/ Wind Power System	2019
13	PTPEE13	EB based Voice Communication	2019
14	PTPEE14	RF based Temperature Monitoring	2019
15	PTPEE15	Communication during Natural Disaster with the help of Black box	2019



PRASARTECH

PROJECTS AND SOLUTIONS

An ISO 9001:2008 Certified Institution Approved By GOVT.INDIA

16	PTPEE16	Public Garden Automation	2019
17	PTPEE17	Touch Screen Operated Industrial Oil Dispensing System	2019
18	PTPEE18	Fabrication of Firefighting Robot	2019
19	PTPEE19	Green Wind Energy for Rural Electrification	2019
20	PTPEE20	Automatic Area Transformer Fault Finder	2019
21	PTPEE21	Generation of Electricity by using Exhaust from Moving Vehicles	2019
22	PTPEE22	Photovoltaic System Management for Smart Home Energy Management System	2019
23	PTPEE23	RFID based System for School Children Transportation Safety Enhancement	2019
24	PTPEE24	Drunken Driving Avoiding System	2019
25	PTPEE25	Electrical Power Generation using Speed Breaker	2019
26	PTPEE26	AC-AC converter MPPT Optimal Power Point Tracking System for Solar	2019
27	PTPEE27	Distance Calculation for Underground Cable Fault	2019
28	PTPEE28	Power Production from Industrial Exhaust Gas	2019
29	PTPEE29	Cellular through Remote House Electrical appliances control with Multi-Channel Controlling System	2019
30	PTPEE30	Multiple Transformers oil Temperature Monitoring With Automatic Circuit Breaker operation	2019
31	PTPEE31	Solar Power Automatic Fire Fighting Robot	2019
32	PTPEE32	Mobile Phone Controlled Street Light Monitoring and Control System	2019



PRASARTECH

PROJECTS AND SOLUTIONS

An ISO 9001:2008 Certified Institution Approved By GOVT.INDIA

33	PTPEE33	Space Vector Pulse Width Amplitude Modulation For A Buck-Boost Voltage/Current Source Inverter	2019
34	PTPEE34	Wireless Transformer Failure Monitoring and control System using PIC Controller	2019
35	PTPEE35	Power Generation from Speed Breaker using Roller Mechanism	2019
36	PTPEE36	Transmission line Multiple Fault Detection and Indication to Electricity Board	2019
37	PTPEE37	Accident Alerts in Modern Traffic Signal Control System by using Camera Surveillance System	2019
38	PTPEE38	Controlling of Electrical Device Switch by using a Mobile Phone	2019
39	PTPEE39	Density based Traffic Signal System using PIC Microcontroller	2019
40	PTPEE40	Over Speed Alarm Indicators of Electrical Motor with Digital RPM Indicator	2019
41	PTPEE41	Self Guided Vehicle Robot for Defense Applications	2019
42	PTPEE42	Temperature Sensor Driven Automatic DC Motor based Fan Speed Controlling System	2019
43	PTPEE43	Robotic Vacuum Cleaner	2019
44	PTPEE44	Low Cost Wireless Sensor Network for in Field Operation Monitoring of AC Motor	2019
45	PTPEE45	Embedded Based Automatic Warehouse for Crop Processing	2019
46	PTPEE46	Embedded based House Cleaning Robo with Water Wash	2019
47	PTPEE47	Embedded based Agri Poly Tunnel for Crop Cultivation	2019



PRASARTECH

PROJECTS AND SOLUTIONS

An ISO 9001:2008 Certified Institution Approved By GOVT.INDIA

48	PTPEE48	Solar Powered Solid Waste Disposal in Organization	2019
49	PTPEE49	Shock Proof Electrical Appliances Control System for Physically Challenged Person	2019
50	PTPEE50	Zigbee based Solar Powered Forest Fire Detection and Control System	2019
51	PTPEE51	Human based Energy Saving System in Railway Platform	2019
52	PTPEE52	Embedded based Air Quality Analyzer	2019
53	PTPEE53	Automatic Exhaust Fan Control Coupled to Gas Leak Detection	2019
54	PTPEE54	Embedded based Online Exam System with Dynamic Questions	2019
55	PTPEE55	Intelligent Energy Saving System in Libraries	2019
56	PTPEE56	Solar Powered Automatic Rain Operated Wiper	2019
57	PTPEE57	A Smart Health Home System for Disable People	2019
58	PTPEE58	Embedded Automobile Engine Locking System, using GSM Technology	2019
59	PTPEE59	High Sensitive LPG Sensor with Gas Leakage Alert Buzzer	2019
60	PTPEE60	Wireless Bus Identification for Blind People	2019
61	PTPEE61	DTMF Mobile Phone Controlled Dam Water Gates Controlling System with High-Level Protection	2019
62	PTPEE62	Wireless Load Controller by GSM	2019
63	PTPEE63	Wireless Home Energy Management System For Demand Response Enabled Residential Power Intensive Load	2019
64	PTPEE64	RFID based Bus Locator	2019



PRASARTECH

PROJECTS AND SOLUTIONS

An ISO 9001:2008 Certified Institution Approved By GOVT.INDIA

65	PTPEE65	Electrical Power Generation From Foot Steps	2019
66	PTPEE66	Wireless Monitoring and Communication in Underground Coal Mines	2019
67	PTPEE67	Night Vision Wireless War Field Spying Robot	2019
68	PTPEE68	Secure and Safety Vehicle Access Intelligent Control System for Preventing Theft and Controlling Environment Smoke Emission	2019
69	PTPEE69	A Low-Cost Sensor Network for Real-Time Monitoring and Contamination Detection in Drinking Water Distribution Systems	2019
70	PTPEE70	Power Failure Indicator to EB Substation	2019
71	PTPEE71	Cell Phone Operated Robotic Vehicle	2019
72	PTPEE72	Solar Based Street Light that glows on Detecting Vehicle Movement using LDR	2019
73	PTPEE73	Scada based Waste Water Treatment	2019
74	PTPEE74	RFID based Speed Checker to Detect Rash Driving on Highways	2019
75	PTPEE75	Touch Screen Operated Industrial Oil Dispensing System	2019
76	PTPEE76	Home Automation by using Cell Phone	2019
77	PTPEE77	Street Light that glows on Detecting Vehicle Movement	2019
78	PTPEE78	Monitoring Water Distribution Systems	2019
79	PTPEE79	Emergency Purpose Speed Breaker Control using RF	2019
80	PTPEE80	Automising EB Substation	2019
81	PTPEE81	DC Motor Speed Control with Programmable Sequence	2019



PRASARTECH

PROJECTS AND SOLUTIONS

An ISO 9001:2008 Certified Institution Approved By GOVT.INDIA

82	PTPEE82	PLC based traffic density controller using sensor	2019
83	PTPEE83	Speed and Direction of DC Motor using GSM	2019
84	PTPEE84	Digital DCM Detection and Mixed Conduction Mode Control For Boost PFC Converters	2019
85	PTPEE85	Underground Cable Fault Distance Locator	2019
86	PTPEE86	Automated Accident Identification, Detection via Vibration Sensors using GSM Technology	2019
87	PTPEE87	Speed Checker to Detect Rash Driving on Highways	2019
88	PTPEE88	Fault Detection and Filter Design for Three Phase AC-DC Power Electronic System	2019
89	PTPEE89	Automatic Room Light Intensity Based Window Blinds Control System	2019
90	PTPEE90	DC Motor Speed and Direction Control over GSM mobile/modem	2019
91	PTPEE91	Fire Sensing and control	2019
92	PTPEE92	Power Electronic Based Control Design of Fault Current Limiter	2019
93	PTPEE93	Self-Powered Door Bell Watcher	2019
94	PTPEE94	Three Phase Induction Motor Speed Control using PWM Technique	2019
95	PTPEE95	Solar Wireless Power Transfer using Inductive Coupling for Mobile Phone Charger	2019
96	PTPEE96	GSM based Wireless Communication underground Coal Mines	2019



PRASARTECH

PROJECTS AND SOLUTIONS

An ISO 9001:2008 Certified Institution Approved By GOVT.INDIA

97	PTPEE97	Embedded based Image Recognition for Visually Impaired Propose by Sound	2019
98	PTPEE98	Embedded based Public Garden Automation	2019
99	PTPEE99	Power saving street light system using zigbee network	2019
100	PTPEE100	Density Based Traffic Signal System	2019
101	PTPEE101	Mobile Phone Controlled Dam Water Gates Controlling System with High-Level Protection	2019
102	PTPEE102	A Vehicle to Vehicle Communication Protocol for Co-Operative Collision Warning	2019
103	PTPEE103	Android and Blue Tooth Operated Robot	2019
104	PTPEE104	GSM based Vehicle Location Identifier	2019
105	PTPEE105	RFID based Theft Identifier in Railway Stations	2019
106	PTPEE106	GPS based Energy Meter Monitoring	2019
107	PTPEE107	Voice Operated Wheel Chair	2019
108	PTPEE108	Border Crossing Based Alerting System and Intimation to Coast Guard	2019
109	PTPEE109	Eye Movement Control of Wheel Chair for Physical Handicapped Person	2019
110	PTPEE110	SMS based Generator Start up System	2019
111	PTPEE111	Wireless Indication of LPG Gas Leakage	2019
112	PTPEE112	Live Human Detecting Robot for Earthquake Rescue Operation	2019



PRASARTECH

PROJECTS AND SOLUTIONS

An ISO 9001:2008 Certified Institution Approved By GOVT.INDIA

113	PTPEE113	Automatic Solar Agro Sprayer	2019
114	PTPEE114	PC based Automatic Load Sharing of Transformer	2019
115	PTPEE115	Train Accidents Prevention System using Embedded Technology	2019
116	PTPEE116	Prepaid Energy Meter	2019
117	PTPEE117	Intelligent Fault Detection and Protection of Transformer for Substation Automation	2019
118	PTPEE118	Password based Circuit Breaker	2019
119	PTPEE119	Solar Powered Solid Waste Disposal in Urban Scenarios	2019
120	PTPEE120	Ac Power Transfer Wirelessly by HF	2019
121	PTPEE121	Automated Agricultural Process	2019
122	PTPEE122	Unique Office Automation using Smart Power Management Technique	2019
123	PTPEE123	Power Generation using Waste Gas	2019
124	PTPEE124	Solar Powered Led Street Light with Auto Intensity Control	2019
125	PTPEE125	Electricity Theft Detection with Smart Meter	2019
126	PTPEE126	Advanced Bidirectional Wireless Power Transfer	2019
127	PTPEE127	PLC based Colour Mix	2019
128	PTPEE128	Digital Electricity Parameter Measurement	2019



PRASARTECH

PROJECTS AND SOLUTIONS

An ISO 9001:2008 Certified Institution Approved By GOVT.INDIA

129	PTPEE129	Coin based Mobile Charger	2019
130	PTPEE130	Password based EB Supply to Houses	2019
131	PTPEE131	Automatic Load Sharing of Transformer with Protective Analysis	2019
132	PTPEE132	Electrical Power Generation using Foot Steps	2019
133	PTPEE133	Power Saving Equipment for Multi-Application	2019
134	PTPEE134	Advanced Automatic Fire Fighting Robot	2019
135	PTPEE135	PLC based Photovoltaic System Management for Smart Home Energy Management System	2019
136	PTPEE136	Power Generation through Speed Breaker using Sliding Roller Mechanism	2019
137	PTPEE137	Foot Power Generation	2019
138	PTPEE138	Design of Battery-Super Capacitors Combination in Uninterruptible Power Supply	2019
139	PTPEE139	Transformer Protection using Numerical Relay	2019
140	PTPEE140	Batteries that Charges on Air	2019
141	PTPEE141	DC Motor Speed Controller using Closed Loop based on PWM	2019
142	PTPEE142	Laptop Theft Alarm	2019
143	PTPEE143	Power Theft Indicator	2019



PRASARTECH

PROJECTS AND SOLUTIONS

An ISO 9001:2008 Certified Institution Approved By GOVT.INDIA

144	PTPEE144	SMS based Electricity Billing System	2019
145	PTPEE145	GSM based Heartbeat and Temperature Monitoring System	2019
146	PTPEE146	Automatic Room Light Intensity based Window Blinds Control System	2019
147	PTPEE147	RFID Voting Machines	2019
148	PTPEE148	Health Monitoring and Emergency Alarming	2019
149	PTPEE149	Embedded based Night Vision Security Patrolling Robot with Sound Sensing	2019
150	PTPEE150	Integrated Safety Management for School Bus using RFID and GSM	2019
151	PTPEE151	Safety Helmet for Bike Authentication and Alcohol Sensing for Riders	2019
152	PTPEE152	Power Generation from the Wind Energy Available during Movement of Train	2019
153	PTPEE153	Low Cost Automatic Energy Efficient Emergency Lamp using Pulse Width Modulation	2019
154	PTPEE154	Smart Patient Care System for ICU Patients with Monitoring and Auto Intimation to the Doctor Room	2019
155	PTPEE155	RFID based Location System for Deforestation and Rescue Mission	2019
156	PTPEE156	Human Tracing Robot for Disaster	2019
157	PTPEE157	RFID based Shopping Trolley	2019
158	PTPEE158	Solar Powered Auto-Irrigation Control in Agriculture	2019
159	PTPEE159	Peer-to-Peer Communication in Neuronal Nano-Network	2019
160	PTPEE160	Electronic Passport Using RFID	2019



PRASARTECH

PROJECTS AND SOLUTIONS

An ISO 9001:2008 Certified Institution Approved By GOVT.INDIA



161	PTPEE161	Eye Blink Identification with Auto Braking System	2019
162	PTPEE162	Voice Communication System based on Laser Led	2019
163	PTPEE163	Zigbee-Assisted Power Saving Management for Mobile Devices	2019
164	PTPEE164	Robot Navigation System RFID and Sensor	2019
165	PTPEE165	Finger Print based Attendance Management System	2019

