



TeChNoLoGy-UpDaTeS

IEEE PROJECT TITLES 2019-20

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1	Bidirectional Rotation Of An Induction Motor With A Remote Control Device
2	High Voltage Dc By Marx Generator Principles
3	Bldc Motor Speed Control With Rpm Display
4	Cyclo Converter Using Thyristors
5	Closed Loop Control For A Brushless Dc Motor To Run At The Exactly Entered Speed
6	Detecting Power Grid Synchronization Failure On Sensing Frequency Or Voltage Beyond Acceptable Range
7	Detecting Power Theft Prior To Feeding Energy Meter And Intimating To Control Room By Gsm
8	Display Of Underground Cable Fault Distance Over Internet
9	Dual Converter Using Thyristors
10	Electronic Soft Start For 3 Phase Induction Motor
11	Ac PWM Control For Induction Motor
12	Arduino Based 4 Quadrant Dc Motor Control
13	Arduino Based Underground Cable Fault Detection
14	Auto Intensity Control Of Street Lights
15	Apfc (Automatic Power Factor Compensation) For Industrial Power Use To Minimize Penalty
16	Auto Selection Of Any Available Phase, In 3 Phase Supply System
17	Automatic Irrigation System On Sensing Soil Moisture Content
18	Automatic Star Delta Starter Using Relays And Adjustable Electronic Timer For Induction Motor
19	Auto Power Supply Control From 4 Different Sources: Solar, Mains, Generator & Inverter To Ensure No Break Power
20	Electronic Eye Controlled Security System

21	Energy Meter Reading Over Internet
22	Power Saver For Industries & Commercial Establishments
23	Energy Meter Billing With Load Control Over Gsm With User Programmable Number Features
24	Rf Based Health Monitoring System
25	Smooth Start Of A Single Phase Induction Motor
26	High Voltage Dc Up To 2kv From Ac By Using Diode And Capacitors In Voltage Multiplier Circuit
27	Four Quadrant Dc Motor Speed Control With Microcontroller
28	Gsm Based Monthly Electricity Energy Meter Billing And Sms Upon Gsm with User Programmable Number Features Together With Onsite Display To The User
29	Iot Based Home Automation Over The Cloud
30	Over Voltage- Under Voltage Protection
31	Iot Based Load Control Over Standalone Wi-Fi
32	Phase Sequence Checker For Three Phase Supply
33	Rf Based Health Monitoring System
34	Smooth Start Of A Single Phase Induction Motor
35	Soft Start Of Induction Motor By Acpwm
36	Solar Energy Measurement System
37	Solar Highway Lighting System With Auto Turn Off In Daytime
38	Solar Powered Auto Irrigation System
39	Solar Powered Led Street Light With Auto Intensity Control
40	Three Phase Fault Analysis With Auto Reset On Temporary Fault And Permanent Trip
41	Solar Water Pump Control With Four Different Time Slots For Power Saving Applications
42	Thyristor Controlled Power For Induction Motor
43	Tv Remote Operated Domestic Appliances Control
44	Ultra Fast Acting Electronic Circuit Breaker
45	Underground Cable Fault Distance Conveyed Over Gsm
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