



M-TECH EEE EMBEDDED PROJECT LIST 2018-19

S.NO	PROJECT NAME	YEAR
1	Intelligent Condition Monitoring System For Distribution Transformer And Health Status Using GSM	2018
2	Development Of A Automatic Irrigation System Based On GSM SMS	2018
3	Cyber Security – Distributed Line Protection And Control Relay Communication In Substation	2018
4	Development Of An Solar-Powered Robotic Electric Vehicle Charging Station	2018
5	Implementation Of Room Automation Energy Meter Consumption With IOT Based Monitoring System	2018
6	Analyzing And Modelling The Interference Impact Gap Between Predicted Energy And Actual Energy Efficiency Of Wlans	2018
7	Efficiency Of Photovoltaic Sun Tracking Systems Using RTC And Manual Mode	2018
8	Parameter Identification And Controlling Of AC Motor Drives In An Coal Mines	2018
9	Perception Of The Use Of Pre-Paid Electricity Meters Using Smartcard	2018
10	Design And Simulation Of A Monitoring Electrical Energy Consumption System Based On GSM Technology	2018
11	Probability Estimation For The Fault Detection And Isolation Of PMU-Based Transmission Line System Of Smart Grid	2018
12	PV,Wind And Main Modeling Methods Of An Off-Grid Experimental DC Microgrid	2018
13	Device Control And Door Automation System Based On Speech Command And PIN Using Android Smartphone	2018
14	Energy Theft Detection In Advanced Metering Infrastructure	2018
15	Simple Design And Implementation Of Solar Tracking System Dual Axis With Four Sensors	2018
16	Advanced Voltage Support And Active Power Flow Control In Grid-Connected Converters Under Unbalanced Conditions	2018
17	Torque Control Of Switched Reluctance Drive Of Universal Motors Using Traic	2018
18	Smart Power Line Control System For Optimal Distribution Of Electricity Using RTC And GSM	2018
19	Smart Detection Of Various Fault Dips Using GSM	2018
20	Real Time Smart Grid Load Sharing Management By Integrated And Secured Communication	2018

21	Analysis Of Open Phase Condition Influence Of An AC Load Indicator	2018
22	Hardware Design Of Four Quadrant Dc Motor Drive	2018
23	An Active Fast Equalizer For Series-Connected Batteries With Adaptive Balancing Current Control	2018
24	Implementation Of A Smart Grid Wireless Communication System	2018
25	Microcontroller Based Low Cost Gas Leakage And Temperature Detector With SMS And Voice Alert	2018
26	A Smart Home Appliances Control System Based On Digital Electronics And GSM Network	2018
27	A Framework For Attack Resilient Industrial Control Systems: Attack Detection And Controller Reconfiguration(SCADA)	2018
28	Design And Implementation Of Solar Based Smart Street Lightning System	2017
29	Utility Implements Communications-Assisted Special Protection And Control Schemes For Distribution Substations	2017
30	Service-Oriented Data Acquisition Management And Device Control For Industrial Cyber-Physical Systems	2017
31	Load Characterization Based On Voltage And Current Phasorial Measurements In Micro-Grids	2017
32	RURAL BRIDGE: A Novel System For Smart And Cooperative Farming Using Iot Architecture	2017
33	Design And Fabrication Of Underground Fault Distance Locator Using Micro Controller And GSM	2017
34	Design And Implementation Of RF Controlled Miniature Exhaust Fan	2017
35	RF Remotely-Powered Integrated System To Nullify Standby Power Consumption In Electrical Appliances	2016
36	Sensor Data Condition Monitoring Of Real-Time Light Intensity And Temperature Based Devices Control	2016

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