

Finolex Academy of Management and Technology Ratnagiri
Electrical Engineering Department

| Final Year Students Project List | | Academic Year 2019-20 |
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| Sr. No. | Project Title | |
| 1 | MONITORING AND CONTROL OF 3 PHASE INDUCTION MOTOR USING GSM MODULE | |
| 2 | DESIGN AND IMPLEMENTATION OF BATTERY MANAGEMENT SYSTEM | |
| 3 | DESIGN AND IMPLEMENTATION OF BATTERY CHARGING SYSTEM | |
| 4 | DEVELOPMENT OF MACHINE LEARNING BASED PROTOTYPE OF DRIVERLESS ELECTRIC VEHICLE | |
| 5 | MODELLING OF POWER SYSTEM DISTRIBUTION | |
| 6 | DEVELOPMENT OF BLDC MOTOR FOR CEILING FAN | |
| 7 | SMART HELMET FOR CORE MINING | |
| 8 | MICROPROCESSOR BASED AUTOMATIC POWER FACTOR CORRECTION | |
| 9 | DESIGN AND IMPLEMENTATION OF 2 KW INDUCTION HEATER | |
| 10 | ARDUINO BASED PCB MILLING MACHINE | |
| 11 | CLASSROOM AUTOMATION | |
| 12 | IOT BASED HOME AUTOMATION | |
| 13 | BIONIC ARM WITH GESTURE CONTROL | |
| 14 | DESIGN AND ANALYSIS OF SOLAR PV SYSTEM | |
| Final Year Students Project List | | Academic Year 2020-21 |
| Sr. No. | Project Title | |
| 1 | IOT AND CLOUD BASED REMOTE MONITORING OF WIND TURBINE | |
| 2 | DESIGN AND ANALYSIS OF AUTOMATED SMART PUMP SYSTEM | |
| 3 | SOLAR PANEL BASED INVERTER WITH AC OUTPUT (12 V TO 230 V) | |
| 4 | AUTOMATION OF SERVICE STATION | |
| 5 | HOME AUTOMATION SYSTEM | |
| 6 | ZERO VOLTAGE SWITCHING RESONANT INVERTER FOR INDUCTION HEATING | |
| 7 | SOLAR BASED PORTABLE CHARGER | |
| 8 | PORTABLE HEALTHCARE MONITORING AND TRACKING SYSTEM USING IOT | |
| 9 | IOT BASED AIR POLLUTION MONITORING USING ARDUINO | |
| 10 | FEASIBILITY STUDY OF PMU BASED RELAY UNITS FOR SMART GRID PROTECTION USING MATLAB | |
| 11 | BEATLEBOT CRACKING ROBOT | |
| 12 | BLUETOOTH CONTROLLED ELECTRONIC HOME APPLIANCES | |
| 13 | PASSWORD PROTECTED CIRCUIT BREAKER | |
| 14 | SOLAR POWER FILTRATION SYSTEM, AUTOMATIC SOLAR TRACKER | |
| 15 | INVERTER DESIGN FOR SOLAR SYSTEM | |
| 16 | SOLAR CHARGE CONTROLLER AND SOLAR TRACKER DESIGN FOR STAND-ALONE PV SYSTEM | |
| 17 | SPEED CONTROL OF 3 PHASE INDUCTION MOTOR USING ARDUINO | |
| 18 | AUTOMATIC TEST BENCH FOR TESTING OF INDUCTION MOTOR | |
| 19 | ENERGY AUDIT OF M/S T. J. MARINES, RATNAGIRI | |