

Diploma Electrical Engineering Project Titles 2021-2022

RFID BASED SMART SHOPPING SYSTEM

PV BASED BATTERY CHARGING SYSTEM

AUTOMATIC SMOKE DETECTOR ALARM

ELECTRIC LINE MAN SAFETY WITH PASSWORD BASED CIRCUIT BREAKER

APFC (AUTOMATIC POWER FACTOR COMPENSATION) FOR INDUSTRIAL POWER USE TO MINIMIZE PENALTY)

HIGH VOLTAGE DC BY MARX GENERATOR PRINCIPLES.

WITRICITY “ WIRELESS ELECTRICITY

HIGH EFFICIENT ENERGY THEFT DETECTION WITH REMOTE ALERT SYSTEM

EARTH FAULT AND SHORT CIRCUIT PROTECTION AND AUTO MAINS TRIP OFF USING CURRENT TRANSFORMER AND OPERATIONAL AMPLIFIER

PROGRAMMABLE SWITCHING CONTROL FOR INDUSTRIAL AUTOMATION IN REPETITIVE NATURE OF WORK

SINGLE PHASE TO THREE PHASE CONVERTER

PYROELECTRIC BASED FIRE ALARM

IMPLEMENTATION OF SOLAR WATER PUMP CONTROL WITH FOUR DIFFERENT TIME SLOTS FOR POWER SAVING APPLICATIONS

RF CONTROLLED ROBOTIC BOAT TO TRAVEL IN WATER

3-PHASE LOAD SAFETY IMPLEMENTATION WITH AUTO TURN OFF AND AUTO TURN ON FACILITY

FOUR QUADRANT DC MOTOR CONTROLS WITHOUT MICROCONTROLLER

PIR BASED ENERGY CONVERSATION SYSTEM FOR CORPORATE COMPUTERS AND LIGHTING SYSTEM

DYNAMIC VOLTAGE RESTORER

NEXT GENERATION ALTERNATIVE ENERGY STORAGE

APPLICATION WITH SUPER CAPACITORS / ULTRA CAPACITORS

INDUSTRIAL BATTERY CHARGER BY THYRISTOR FIRING ANGLE CONTROL

SENSOR LESS SPEED CONTROL OF ACTIVE CURRENT INDUCTION MOTOR USING MICROCONTROLLER

WIRELESS POWER TRANSFER

TSUNAMI ALERT SYSTEM FOR FISHERMEN

SPEED CONTROL OF AC DRIVES USING CONTROLLER

SOLAR POWERED LED STREET LIGHT WITH INTENSITY CONTROL

SOLAR ENERGY MEASUREMENT SYSTEM CONVEYED OVER RF USING A PIC MICROCONTROLLER

PROGRAMMABLE SWITCHING CONTROL FOR INDUSTRIAL AUTOMATION IN REPETITIVE NATURE OF WORK

PROGRAMABLE ENERGY METER FOR ELECTRICAL LOAD SURVEY POWER FAILURE AND FLUCTUATION COMPLAINT REGISTRATION TO TNEB

PEAK ENERGY MANAGEMENT USING RENEWABLE INTEGRATED DC MICROGRID

FUZZY LOGIC BASED 1 Φ INDUCTION MOTOR PROTECTION SYSTEM

ENERGY FREE ELECTRIC BIKE

DESIGN OF BUS TRACKING AND FUEL MONITORING SYSTEM

AUTOMATED FLUID CONTROL DEVICE USING SMART PHONE FOR MEDICAL APPLICATION

OPTIMUM ENERGY MANAGEMENT SYSTEM

POWER SAVER FOR INDUSTRIES & COMMERCIAL ESTABLISHMENTS

SOLAR ENERGY MEASUREMENT SYSTEM CONVEYED OVER RF USING A PIC MICROCONTROLLER

HIGH VOLTAGE DC UP TO 2KV FROM AC BY USING DIODE AND CAPACITORS IN VOLTAGE MULTIPLIER CIRCUIT

TRIAC BASED SOUND SCANNER FOR AUDIO-CONTROLLED LOADS

EMBEDDED BASED RIGGING FREE ELECTRONIC VOTING SYSTEM WITH INSTANT RESULT.

VOICE OPERATED INTELLIGENT ELEVATOR

REAL TIME CAR BATTERY AND LOW VOLTAGE ALERT SYSTEM
MICROHYDEL POWER GENERATION SYSTEM FOR BUILDING ROOF
RAIN WATER FLOW TO POWER AC/DC LOADS WITH BATTERY
REVERSE CHARGE PROTECTION
AUTOMATIC TRANSFORMER DISTRIBUTION AND LOAD SHARING
SYSTEM.
TRANSFORMER LESS SOLID STATE POWER SUPPLY DESIGN
H-BRIDGE IMPLEMENTATION FOR DC MOTOR DIRECTION
CONTROL
INVERTER WITH BATTERY LOW AND OVER LOAD INDICATOR
MINIATURE THERMAL POWER PLANT USING TEP TRANSDUCER
FOR DOMESTIC AND INDUSTRIAL APPLICATIONS.
PC BASED ELECTRICAL LOAD CONTROL
INTEGRATED ENERGY MANAGEMENT SYSTEM BASED ON GSM
WITH USER PROGRAMMABLE NUMBER FEATURES AND
ACKNOWLEDGEMENT FEATURES
AUTOMATIC STAR DELTA STARTER USING RELAYS AND
ADJUSTABLE ELECTRONIC TIMER FOR INDUCTION MOTOR
XBEE BASED REMOTE MONITORING OF 3 PARAMETERS ON
TRANSFORMER / GENERATOR HEALTH
ELECTRONIC MAIL BOXES WITH SMS NOTIFICATION
AUTOMATIC RAIN WATER SENSING WINDSHIELD WIPER
NFC BASED INTELLIGENT SECURITY SYSTEM
MOTION BASED AUTOMATIC DOOR OPENER
SPHERICAL ROBOT
AC POWER STRENGTH CONTROLLER SYSTEM
RESONANT INVERTER FOR INDUCTION HEATING APPLICATIONS
IMPLEMENTATION OF SOLAR INVERTER
CHARGE AND LOAD PROTECTION IN SOLAR POWER
MANAGEMENT
IMPLEMENTATION OF LASER MUSIC SYSTEM
INCOMING CALL INDICATION FOR MOBILE
LOW COST FIRE ALARM SYSTEM
ELECTRICITY GENERATION FROM SPEED BREAKERS

AUTOMATIC PLANT WATERING SYSTEM

8051 MICROCONTRLLER BASED DIGITAL VOLTMETER

THREE PHASE INDUCTION MOTOR SPEED CONTROL USING PWM
TECHNIQUE

REAL-TIME INTELLIGENT MONITORING SYSTEM BASED ON IOT
DESIGN OF INTELLIGENT FEEDING CAR FOR COW FEEDING
AUTOMATION

SECURITY ANALYSIS FOR DISTRIBUTED IOT-BASED INDUSTRIAL
AUTOMATION

DESIGN AND IMPLEMENTATION OF SMART HOSPITAL USING IOT