



KREST TECHNOLOGIES

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An ISO 9001 : 2000 Certified

EEE EMBEDDED PROJECT LIST

S.NO	PROJECT NAME
1	PROTECTION OF BUSBAR DISTRIBUTION FROM OVER LOAD
2	EMBEDDED DIGITAL DELAY LINE SYSTEM FOR ELECTRICITY DEPARTMENT
3	TALKING ENERGY METER. ALERTS THE USER WITH VOICE MESSAGES IN CASE OF OVER POWER UTILIZATION
4	FAULT GOVERNING ON UNIVERSAL MOTOR PROTECTION
5	POWER GRID CONTROL THROUGH PC
6	SPEED CONTROL OF UNIVERSAL MOTOR USING POWER SEMI CONDUCTOR DEVICE (IGBT)
7	SPEED CONTROL OF DC MOTOR USING MOSFET BASED CHOPPER
8	EFFICIENT LOAD SHARING OF ENERGY DISTRIBUTIONS
9	SPEED CONTROL OF UNIVERSAL MOTOR BY USING PARALLEL CONNECTION OF SEMICONDUCTOR DEVICES(SCR)
10	MONITORING THE PARAMETERS OF SUBSTATION
11	DISTRIBUTION TRANSMISSION LINE VOLTAGE MONITORING AND ALERT SYSTEM
12	DESIGN AND IMPLEMENTATION OF DIGITAL V-I METER, ALERTS FOR OPTIMUM LOAD CONDITIONS
13	MEMS BASED REGULATED POWER DEVICES
14	AUTOMATIC MAINS CHANGE OVER SWITCH FOR UPS
15	MONITORING THE STATUS OF TRANSMISSION LINES IN PC
16	INTEGRATED CHIP BASED ELECTRICAL EQUIPMENTS ACCESS CONTROL SYSTEM
17	CIRCUIT BREAKER
18	RTC BASED POWER DISTRIBUTION FOR INDUSTRIAL EQUIPMENT
19	PE BASED UNIVERSAL MOTOR SPEED CONTROL

20	POWER PARAMETER MEASUREMENTS FOR INDUSTRIAL SUPERVISION
21	EXHAUST FAN SPEED CONTROLLING BASED ON ROOM ENVIRONMENTAL STATUS
22	POWER FAILURE ALERTS IN INDUSTRIES
23	AUTOMATIC ACTIVE PHASE DETECTOR FOR 1-PHASE LOAD IN 3-PHASE CONNECTION
24	ELECTRICAL DEVICES DAMAGE PREVENTOR FOR INDUSTRIES
25	INDUSTRIAL INSTRUMENT PREVENTOR FROM EXCESSIVE TEMPERATURE AND VOLTAGE
26	MOBILE PHONE BASED STREET LIGHT CONTROLLING SYSTEM FOR REMOTE AREAS
27	STABILIZER SYSTEM FOR DELICATE ELECTRICAL APPLIANCES
28	IGBT BASED SPEED REGULATION OF DC MOTOR
29	DEVELOPMENT OF PWM TECHNIQUE FOR ELECTRIC MOTOR USING H-BRIDGE
30	SMART BILLING SYSTEM WITH TARIFF CALCULATION IN DOMESTIC
31	RECHARGABLE BATTERY CHARGER WITH OVER VOLTAGE PROTECTION
32	LIGHT INTENSITY CONTROL CIRCUIT USING ELECTRICAL DEVICE
33	CONTROLLING OF HOME GADGETS ACCORDING TO ELECTRICAL VOLTAGE VARIATION
34	DESIGN AND MONITOR THE EARTH FAULTS FOR PREVENTING THE LOAD
35	SMART DIGIT LOCK TO ACCESS THE DEVICES
36	AUTOMATIC WATER SPRINKLER SYSTEM FOR PLANTS
37	ENVIRONMENT BASED LIGHT INTENSITY CONTROL FOR ENERGY SAVING AND OPTIMAL ILLUMINATION
38	RESOURCE CONSERVATIVE SYSTEM FOR STREET LIGHTS BASED ON RTC
39	VOICE ANNOUNCEMENT APPLICATION FOR FUSE BLOWN
40	INDUSTRIAL TEMPERATURE INVIGILATION & ALERTING SYSTEM THROUGH VOICE
41	DIGITAL FREQUENCY METER WITH PROTECTIVE ALERT
42	RF TECHNOLOGY BASED INDUSTRIAL GADGETS CONTROLLING
43	SMART PHONE BASED DC MOTOR SPEED AND DIRECTION CONTROL

44	LDR BASED AUTOMATIC STREET LIGHT CONTROL
45	INDUSTRIAL DISTRIBUTION DEPENDENT CONTROL SYSTEM
46	ELECTRIC MOTOR SPEED MEASUREMENT BY USING SLOT SENSOR
47	FAULT ANALYSIS FOR PROTECTION OF MACHINE FROM OVER VOLTAGE AND CURENT
48	PC BASED MOTOR CONTROL
49	HAND TOUCH BASED INNOVATIVE LIGHTENING SYSTEM
50	ELECTRICAL PARAMETERS MONITORING SYSTEM FOR THE INDUSTRIES
51	WIRELESS ELECTRIC STEPPER MOTOR SPEED AND DIRECTION CONTROL SYSTEM
52	WIRELESS EXHAUST FAN SPEED CONTROLLER
53	POWER SAVING LIGHTNING SYSTEM IN SHOPPING MALLS
54	HAPTIC DOOR LOCK SYSTEM THROUGH SENSOR NETWORK
55	DYNAMIC FREQUENCY GENERATOR
56	FAN CONTROLLING SYSTEM USING MEMS TECHNOLOGY
57	INTELLIGENT HOME AND INDUSTRY APPLIANCES CONTROLLING SYSTEM USING SENSORS
58	SECURE AND AUTHORIZED ACCESSING SYSTEM FOR REQUIRED DEVICES
59	DYNAMIC TEMPERATURE ADJUSTABLE SYSTEM AND LOAD CONTROLLING USING TRIAC
60	ROTATION CONTROL USING RF
61	RF TECHNOLOGY BASED SMART ENERGY SOLUTIONS FOR HOME APPLIANCES
62	AUTOMATIC FIELD DATA ACQUISITION SYSTEM FOR EFFICIENT UTILIZATION OF RESOURCES
63	REGULATING LOAD VOLTAGES USING SINGLE PHASE HALF WAVE RECTIFIER
64	ACCELERIZATION OPERATING OF DC MOTOR THROUGH IR
65	MODERN DAM GATE CONTROL BASED ON WATER LEVEL USING STEPPER MOTOR
66	REAL TIME CLOCK BASED AUTOMATIC COLLEGE BELL RINGING SYSTEM ALONG WITH TEMPERATURE DISPLAY
67	CONSTRUCTION OF A DOMESTIC ELECTRICITY METER WITH VOICE ANNOUNCEMENT

68	RTC BASED ELECTRICAL OVEN TEMPARATURE REGGULATING
69	WATER PUMP CONTROL ON TIME PERIOD BASIS AND LEVEL SENSOR
70	CORPORATE INDUSTRY ACCESS AND VEHICLE COUNT PREDICTOR
71	REGULATING LOAD VOLTAGES USING SINGLE PHASE FULL WAVE RECTIFIER
72	WATER LEVEL MEASURING AND CONTROLING BY USING WIRELESS SENSOR
73	MEASURMENT OF DIGITAL TEMPARATURE AND DISPLAY
74	PASSWORD BASED CONTROLLING OF STEPPER MOTOR
75	SPEED MODERATE OF DC MOTOR THROUGH REMOTE DEVICE
76	MULTI-POINT TESTING OF HIGH VOLTAGES WITH SELF-MONITORING SYSTEM
77	INTELLIGENT ENERGY METER IN HOUSE
78	HIGH GAIN CONVERTER WITH BOOSTER CIRCUIT
79	DIGITAL COMMUNICATION SYSTEM BASED WATER PUMP CONTROLLER FOR UNEDUCATORS
80	A WIRELESS DATA ACQUISITION SYSTEM (RF COMMUNICATION)
81	ENERGY WASTAGE CONTROL IN CORPORATE FIELD WITH SENSOR UNITS
82	UNIFIED CIRCUIT BASED TEMPERATURE DEPENDENT SPEED CONTROL DC MOTOR
83	ENERGY METER MONITORING AND DATABASE MAINTENANCE FOR RESOURCE SAVING
84	ADVANCED STREET LIGHT CONTROL SYSTEM USING REAL TIME CLOCK
85	PREVENT AND MONITORING THE FIRE IN INDUSTRY
86	WIDE RANGE OF OPERATIONS ON STEPPER MOTOR THROUGH HYPER TERMINAL

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