

Innovative EEE Final projects list

- SET-656.** Programmable Load Shedding Time Management for Utility Development
- SET-655.** UPFC - Unified Power Factor Control.
- SET-04.** Construction of Central Control Unit for Irrigation water pumps. Cost effective method to control entire villager's water pumps with user level authentication. Illiterate's friendly system.
- SET-457.** Centralized energy meter for display distance at 30meters - Avoiding tampering of electrical energy meter in houses
- SET-644.** Embedded System Integrated Into a Wireless Sensor Network for Online Dynamic Torque and Efficiency Monitoring in Induction Motors **(2012)**
- SET-645.** Design and Implementation of Intelligent Energy Distribution Management with Photovoltaic System **(2012)**
- SET-603.** Sensor Network Based Oil well Health Monitoring and Intelligent Control **(2012)**
- SET-518.** Solar induction motor driver
- SET-520.** Speed control of universal motor with automated ON load and OFF load sensing
- SET-521.** Solar tracking system with automated water pump controlling
- SET-522.** Touch screen based AC motor speed Monitoring and control system
- SET-523.** Touch screen based wireless AC motor speed Monitoring and control system
- SET-527.** Intelligent Transformer Isolation system using PC
- SET-542.** Real time Atomization of Indian Agricultural system.
- SET-558.** Automated Solar Street lighting system using LED's
- SET-574.** GSM based Energy meter with tampering alert
- SET-481.** Event driven automation with Android backup control
- SET-446.** Transformer over load alert through voice announcement.
- SET-414.** Wireless Power Factor monitoring and controlling through PC
- SET-445.** Protection of power transformer using microcontroller-based relay
- SET-407.** Industrial parameters monitoring and crane controlling using Zigbee
- SET-406.** Transformer load sharing with SMS alerting.

- SET-452.** Multi zone temperature monitoring with voice announcement system.
- SET-340.** Maximum demand controller & fault alerting for industries.
- SET-447.** speed control of exhaust fan using RF remote.
- SET-419.** Solar Tracker Robot using Microcontroller
- SET-416.** Design and Implementation of intelligent Urban Irrigation System
- SET-415.** Remote Controlled Screw Jack
- SET-444.** Microcontroller based smart charge controller for standalone solar photovoltaic power systems.
- SET-403.** GPRS based single phase fault monitoring and SMS alert
- SET-402.** Design and construction of parabolic solar reflectors
- SET-454.** Servo Motor Control using mobile phone.
- SET-296.** Wireless power theft monitoring with automatic circuit breaker system and indication at local substations
- SET-238.** Energy Tapping Identifier through Wireless Data Acquisition System
- SET-343.** Foot step power generation system.
- SET-453.** Multi channel voltage scanner
- SET-451.** Controlling of exhaust fan based on Smoke and Gas intensity in industries.
- SET-449.** Four channel fault annunciation for industries.
- SET-448.** Feeder Protection From Over Load.
- SET-450.** Temp based speed control of exhaust fan using TRIAC.
- SET-176.** Petrochemical Level Indicator and Controller for Automation of cotton purification process in spinning mills.
- SET-278.** Autonomous energy meter with auto announcement system
- SET-455.** Solar based self powered high efficient Line following robot with obstacle avoidance
- SET-404.** Zigbee based power management system
- SET-401.**Speech recognition based Wheel chair with elevated features
- SET-395.** Water level indicator on LCD
- SET-388.**DTMF 3-phase irrigation Control with Feedback
- SET-387.** I-Button & keypad based DC motor door lock system

- SET-210.** Data logger for energy meter with time and KWH readings. Very useful for historical data logging and analysis.
- SET-292.** POWER GRID devices monitoring and controlling system using GSM technology
- SET-319.** Design and construction of Earth fault relay for single phase power system
- SET-240.** Machinery access control system for illiterates with image based password with Touch screen
- SET-346.** Hall-effect sensor based wheel chair movement control using tongue
- SET-332.** Hall Effect sensor based non-contact Tachometer for electrical motors speed measurement
- SET-323.** Frequency Locked Loop (FLL) Motor speed monitoring and control system
- SET-328.** Electrical Data (voltage, current, frequency, temperature) Logger
- SET-287.** Energy meter data logging system with Real-time clock and KWH readings. Very useful for historical data logging and analysis
- SET-119.** A Novel Wireless Self-powered Microcontroller-based Monitoring Circuit for Photovoltaic Panels in Grid-connected Systems
- SET-126.** Wireless 3 Phase Motor Starter using RF Technology with feedback indicators.
- SET-125.** Checking & Auto Control Water Level Using Wireless Sensor.
- SET-248.** MMC/SD key security system for industrial machinery access
- SET-247.** Speech recognition based password enabled industrial devices switching
- SET-22.** Wearable Technology based secure access control system with motion based password.
- SET-220.** GPRS based real time electrical data logger onto live website (www.sooxma.com) with SMS based real time device control
- SET-66.** GSM based SCADA and 2GB MMC card based data logger with real time monitoring.
- SET-72.** Industrial appliances monitoring and controlling system using GSM with fencing auto alerts.
- SET-35.** Touch screen controlled AC motor speed controlling system.
- SET-344.** Touch screen based industry automation with door controlling
- SET-342.** Finger print and keypad based industrial security access control system
- SET-73.** High Power LED based intelligent streetlight controlling system with GSM based Vehicle Counter.
- SET-80.** Dual GSM Modems based irrigation water pump controller for illiterates.

- SET-81.** Security Integrated system based on wireless access protocol for industrial applications with SMS alert system using GSM modem
- SET-307.** 3-phase irrigation water pump controller for illiterates using dual GSM Modems
- SET-74.** Mobile technology (GSM) based remote monitoring and control of digital Energy Meter.
- SET-304.** Intelligent irrigation water system controlling system with GSM technology and soil moisture sensor
- SET-273.** Self-Monitored Industrial Appliance Monitoring System and remote data acquisition
- SET-64.** Real-time home/industry automation based on GSM and wireless zigbee.
- SET-71.** SMS Based DC Motor Speed Controller with password protection.
- SET-186.** Bluetooth Energy Meter.
- SET-285.** An On-line Monitoring System of Temperature of Conductors and Fittings Based on GSM SMS and Zigbee
- SET-23.** Intelligent train security system and auto controlling.
- SET-318.** High voltage fuse blown indicator with display on PC with optical isolation between PC and HV bus bars
- SET-281.** Method of Measuring Power Quality and Development of Monitor Device
- SET-212.** RF transceiver (Zigbee/X-Bee) based energy meter monitoring system. (Energy Meter reading on PC over wireless comm.)
- SET-350.** USING MOBILE ROBOTS TO HARVEST DATA FROM SENSOR FIELDS
- SET-349.** Omni Directional Robot with GSM Connectivity for Remote Access.
- SET-250.** Call Based industrial automation
- SET-08.** Head movement based voice enabled wireless device switching for physically challenged
- SET-239.** Advanced wireless industrial automation system based on Bluetooth
- SET-241.** Wearable Technology based secure access control system with motion based password for industrial automation
- SET-187.** Google Android Smart phone operated Motor Control System.
- SET-188.** Android operated Intelligent 230v AC Lamp Dimmer.
- SET-189.** Smart phone based data logger
- SET-184.** Bluetooth based security enabled powered devices control system.

SET-345. Voice activated multi purpose robot

SET-218. Android based real time lamp dimmer over blue tooth.

SET-165. Gas leakage detector & auto dialing controller system

SET-279. Resistive Touch screen controlled contact less speed monitoring and controlling of dc motor with speed limit alerts

SET-220. GPRS based real time electrical data logger onto live website (www.sooxma.com) with SMS based real time device control

TOUCH SCREEN BASED PROJECTS

SET-25. Talking Touch Home (TTH).

SET-344. Touch screen based industry automation with door controlling

SET-35. Touch screen controlled AC motor speed controlling system.

SET-37. Touch screen controlled lamp dimmer for next generation apartments.

SET-301. Touch screen based advanced industrial/power grid automation system (wired)

SET-303. Touch screen based advanced industrial/power grid automation system (wireless)

SET-313. Touch Screen based Industrial digital devices control system. This project is to build a Graphical LCD Touch Screen interface for switching electrical devices. The controlled devices can be of high voltage or low voltage

SET-315. 4-wired resistive touch screen controlled lamp dimmer for next generation apartments with Optical isolation and zero crossing detectors

SET-325. Touch screen operated industrial oil dispensing system (OIL SCADA)

SET-263. Touch screen operated password protected liquid dispensing system

SET-38. Touch screen operated Volumetric Oil Dispenser.

SET-39. Touch screen based temperature monitoring and control system with graphical LCD.

SET-305. Touch Screen based advanced steel industry oven temperature monitoring and control system

SET-279. Resistive Touch screen controlled contact less speed monitoring and controlling of dc motor with speed limit alerts

SET-240. Machinery access control system for illiterates with image based password with Touch screen

GSM and GPRS TECHNOLOGY BASED PROJECTS

- SET-58.** GPRS based real-time Home/Industrial critical devices status information logger into www.sooxma.com.
- SET-217.** GSM based Domestic/Industrial Energy meter billing system
- SET-219.** GPRS (Web) based Energy Meter real time Energy Meter monitoring system
- SET-220.** GPRS based real time electrical data logger onto live website (www.sooxma.com) with SMS based real time device control
- SET-69.** GSM based SCADA implementation for industrial applications with IR sensor.
- SET-73.** High Power LED based intelligent streetlight controlling system with GSM based Vehicle Counter.
- SET-74.** Mobile technology (GSM) based remote monitoring and control of digital Energy Meter.
- SET-79.** GSM based SCADA (Supervisory Control and Data Acquisition) implementation.
- SET-80.** Dual GSM Modems based irrigation water pump controller for illiterates.
- SET-81.** Security Integrated system based on wireless access protocol for industrial applications with SMS alert system using GSM modem
- SET-307.** 3-phase irrigation water pump controller for illiterates using dual GSM Modems
- SET-63.** A mobile agent based distributed intelligent control system architecture for home automation
- SET-312.** Intelligent dam/reservoir water monitoring and control system based on GSM
- SET-268.** Monitoring and controlling of temperature at threshold value using GSM technology
- SET-304.** Intelligent irrigation water system controlling system with GSM technology and soil moisture sensor
- SET-273.** Self-Monitored Industrial Appliance Monitoring System and remote data acquisition
- SET-64.** Real-time home/industry automation based on GSM and wireless zigbee.
- SET-66.** GSM based SCADA and 2GB MMC card based data logger with real time monitoring.
- SET-67.** A Remote Measurement and Control System for Greenhouse Based on GSM-SMS.
- SET-71.** SMS Based DC Motor Speed Controller with password protection.
- SET-72.** Industrial appliances monitoring and controlling system using GSM with fencing auto alerts.

- SET-165.** Gas leakage detector & auto dialing controller system
- SET-85.** Microcontroller Based Thermometer and SMS based alerts.
- SET-87.** 3-phase irrigation motor monitoring and Auto-controlling based on GSM technology.
- SET-88.** Prepaid energy meter using GSM.
- SET-89.** Temperature based Fan Speed Controller and SMS alerts using GSM modem.
- SET-90.** UPS battery monitoring system over GSM for high availability systems (banking/finance/medical etc).
- SET-211.** Control powered devices with mobile phone for free of cost. This secure system works only for predefined phone numbers (eg: owner number)
- SET-289.** Real-time monitoring System of Temperature of Conductors and Fittings Based on GSM SMS and Zigbee
- SET-292.** POWER GRID devices monitoring and controlling system using GSM technology
- SET-306.** Motor speed monitors and control system using GSM modem
- SET-314.** Street Light monitoring and control system using GSM based mobile phone
- SET-333.** GSM based wireless Substation Fuse blown Indicator
- SET-288.** Energy meter monitoring and control system using SMS technology
- SET-286.** On-line Monitoring System of Transmission Line Conductor parameters
- SET-276.** AUTOMATIC POWER FACTOR CORRECTOR USING CAPACITIVE LOAD BANK.
- SET-272.** GSM based energy meter monitoring with display on PC and mobile
- SET-271.** Industrial gas leakage detector & auto dialing controller system
- SET-266.** GSM based industrial device security system based on RFID
- SET-257.** Industrial security System based on LPG gas, Smoke and Fire Sensors with SMS based alerts
- SET-258.** GSM based SCADA (Supervisory Control and Data Acquisition) implementation
- SET-259.** Dual GSM Modems based irrigation water pump controller for illiterates.
- SET-256.** Automatic power meter reading using GSM network
- SET-246.** Industrial temperature and Electrical data into 2GB MMC with real time monitoring using GSM technology
- SET-245.** Real-time industrial automation based on GSM and wireless Zigbee

- SET-243.** Online data logging of device status and temperature using GPRS
- SET-244.** A mobile - agent based distributed intelligent control system architecture for industrial automation
- SET-242.** GSM based SCADA implementation for industrial applications with fencing security system
- SET-291.** Multiple Transformers oil temperature monitoring with automatic circuit breaker operation with SMS based alerts

WIRELESS TECHNOLOGY BASED PROJECTS

- SET-212.** RF transceiver (Zigbee/X-Bee) based energy meter monitoring system. (Energy Meter reading on PC over wireless comm.)
- SET-117.** Wireless vibration monitoring system of industrial equipments (Also useful for bridges monitoring).
- SET-118.** Implementation of wireless sensors network for Wild Fire monitoring system.
- SET-119.** A Novel Wireless Self-powered Microcontroller-based Monitoring Circuit for Photovoltaic Panels in Grid-connected Systems
- SET-120.** Wireless Temperature Sensor Integrated Circuits
- SET-122.** Development of Zigbee based Street Light
- SET-290.** Smart Wireless Temperature Data Logger
- SET-295.** Wireless power meter monitoring system with automatic tariff calculation on handheld device
- SET-296.** Wireless power theft monitoring with automatic circuit breaker system and indication at local substations
- SET-298.** Speed and direction control of dual stepper motors using ZIGBEE Technology
- SET-299.** Industrial/power grid electrical parameter Data Acquisition system through wireless technology
- SET-302.** RF transceiver based wireless Electrical Devices monitoring and controlling system
- SET-309.** Zigbee based wireless Energy Meter reading and logging system on PC
- SET-308.** Energy Meter reading system on Graphical LCD using Zigbee based wireless communication
- SET-311.** Wireless Energy Meter reading on hand-help device based on RF Transceiver

- SET-324.** Wireless electrical devices monitoring and controlling system for industrial applications
- SET-327.** Implementation of wireless sensors network based industrial temperature monitoring system
- SET-283.** A Wireless Data Acquisition and Transmission System Design
- SET-284.** SCADA implementation based on wireless RF technology
- SET-278.** Wireless Energy Meter reading on hand-held device based on RF
- SET-123.** Train automation using RF with voice annunciator for the stations
- SET-125.** Checking & Auto Control Water Level Using Wireless Sensor.
- SET-126.** Wireless 3 Phase Motor Starter using RF Technology with feedback indicators.
- SET-127.** Accident identification project using RF.
- SET-129.** Microcontroller based Wireless matchbox with digital lantern.
- SET-133.** Wireless Stepper Motor Control using RF Communication.

ROBOTIC PROJECTS

- SET-05.** Voice operated intelligent Lift or Elevator
- SET-350.** USING MOBILE ROBOTS TO HARVEST DATA FROM SENSOR FIELDS
- SET-349.** Omni Directional Robot with GSM Connectivity for Remote Access.
- SET-224.** Smart phone Android Operated Robot
- SET-225.** Android phone Accelerometer sensor based Robot Navigator
- SET-216.** Zigbee controlled Boat with wireless video and voice transmission with night vision capability
- SET-135.** Zigbee based remote controlled robot with wireless video camera mounted on it.
- SET-136.** Designing painting robot using spray gun tool.
- SET-137.** Designing and construction of Movable robotic arm.
- SET-138.** Solar Powered Vehicle/Car with ultrasonic sensors (LCD voltage display).
- SET-139.** MEMS Accelerometer based Hands Gesture controlled Robot
- SET-203.** 3 G Mobile phone controlled live human being detection

- SET-140.** Touch screen based remote controlled robot with video camera.
- SET-141.** Head-movement controlled robot with voice and with video camera.
- SET-142.** Fire fighting ROBO.
- SET-143.** ROBO leg for physically challenged.
- SET-144.** Hand Gestures controlled Intelligent Wheelchair.
- SET-145.** MEMS controlled robot with wireless video camera mounted on it.
- SET-146.** DTMF controlled Live Human Being Detection with and video camera mounted on it.
- SET-147.** Robot Control by PC with Head Lamp and Night Vision.
- SET-148.** Microcontroller based Visible Light Follower Robot
- SET-149.** DTMF based human less boat control for ocean research applications.
- SET-150.** Mobile phone controlled four-legged walking robot with speed and direction control.
- SET-151.** PC controlled wireless Robot with live human detection.
- SET-152.** Micro Electro Mechanical Sensor (MEMS) Accelerometer based self-balancing robot.
- SET-153.** Live Human being detection wireless remote controlled Robot. (Useful for detection of terrorists hiding inside buildings)
- SET-154.** Radio Frequency based remote controlled robot with wireless video camera mounted on it.
- SET-155.** Autonomous Robot with artificial vision for obstacle detection.
- SET-156.** DTMF controlled live human being detecting ROBO.
- SET-233.** Line Follower Robot
- SET-234.** Wall Follower Robot
- SET-235.** Obstacle detection robot with mechanical sensing switches
- SET-347.** Bomb detecting robot with metal detection sensor.
- SET-348.** Mine detecting robot with help of proximity sensors.

Other Embedded projects

- SET-341.** Automatic LDR based window blind control system.
- SET-161.** MMC/SD card key security system for machinery access.
- SET-163.** Solar Tracking Street Light System.
- SET-164.** Call based industrial Appliance Controller
- SET-166.** DTMF controlled soil-moisture sensor.
- SET-167.** Safety implementation for 3-phase irrigation motor using Soil-moisture sensor and temperature sensor.
- SET-169.** PC Controlled Industrial Devices with 8-relay board.
- SET-170.** Feedback Controlled Devices with Advance Security using Mobile Phones.
- SET-171.** Microcontroller based Multiple Device Control based on one Input Switch.
- SET-172.** Design of Coffee Cup for Alerting (Vibrations & buzzer) Blind People.
- SET-173.** Microcontroller based Bank Lockers Safety System using Digital Key Password with Door Access Facility.
- SET-174.** Secure Password Protected Bank Locker Controlling using Mobile Technologies.
- SET-175.** Automatic Active Phase selector for single phase load from three phase supply.
- SET-177.** Infrared (IR) remote controlled Muscle Stimulator with duration and intensity control.
- SET-192.** Sooxma's Android phone temperature data logger over blue tooth
- SET-193.** Smart card based prepaid Energy Meter for short term resident housing
- SET-195.** CAN protocol enable multi-region monitoring and control system
- SET-206.** RS485 based SCADA system for longer distance powered devices.
- SET-215.** Speech recognition system based powered devices control system
- SET-228.** Solar data logger into MMC/SD Memory Card
- SET-236.** Real-time Car battery monitoring and low voltage alert system
- SET-237.** Digital RPM Indicator for Electrical Motor with Over speed alarm Indicator
- SET-251.** Transformer oil temperature monitoring with automatic Circuit Breaker operation
- SET-274.** Wireless DC Motor Speed and Direction Control using IR (PWM)
- SET-277.** Password enabled pre-paid liquid/milk dispensing system

- SET-280.** Controlling AC lamp Dimmer through Mobile Phone
- SET-282.** Mobile phone controlled password protected Industrial Rolling mills Motor speed and direction control system
- SET-336.** A multi agent multi sensor based security system for intelligent building
- SET-334.** IR Remote controlled Irrigation water pump controller with single phasing protection
- SET-331.** Microcontroller based refrigeration control system
- SET-330.** Pulse Width Modulation (PWM) based DC Motor Closed loop Speed Controller
- SET-329.** Solar Tracker with Stepper Motor Control
- SET-326.** Dual (active and standby) Lithium-ion battery charger for continuous non-interrupted power supply to critical loads
- SET-322.** Timer based automatic power cutoff for industrial sealing/packaging machines
- SET-321.** Timer based Electrical Oven temperature monitoring and control for Metal Industries
- SET-320.** DC Motors speed synchronization for rolling mills. (With two motors with display on LCD)
- SET-317.** High voltage fuse blown indicator with Voice based announcement system
- SET-316.** Hazardous chemical valve control system with stepper motor and RC5 remote control
- SET-310.** Energy conservation system for corporate computers and lighting systems using PIR
- SET-300.** Multiple industrial Device Control in industry based on Change in Input Frequency
- SET-297.** Advanced Substation monitoring and control system
- SET-294.** Microcontroller based automatic single phasing preventing system for 3-phase industrial Motors
- SET-293.** Automatic irrigation water control system with moisture sensor and sprinkler control

Mat lab projects

- SET-700.**Power Upgrading of Transmission Line by Combining AC/DC Transmission
- SET-701.**A Parallel-Connected Single Phase Power Factor Correction Approach with Improved Efficiency
- SET-702.**Impact of Reactive Power in Power Evacuation from Wind Turbines
- SET-703.**A Novel Three-Phase to Five-Phase Transformation Using a Special Transformer Connection
- SET-704.**A NEW CONCEPT OF MULTILEVEL STATCOM BASED ON CASCADE TOPOLOGY
- SET-705.**Direct Torque Control of 5-phase 10/8 Switched Reluctance Motor by Using Fuzzy Method
- SET-706.**A THREE-PHASE THREE-LEVEL RECTIFIER
- SET-707.**Direct Torque Control of a Three Phase Induction Motor using a Hybrid PI/Fuzzy Controller
- SET-708.**Analysis and Implement of Thyristor-based STATCOM
- SET-709.**Reduced Rating VSC With a Zig-Zag Transformer for Current Compensation in a Three-Phase Four-Wire Distribution System
- SET-710.**MATLAB Based Simulation of TCSC FACTS Controller
- SET-711.**Direct Torque Control of Induction Motor Using Space Vector Modulation (SVM-DTC)
- SET-712.**Eighteen-Pulse AC-DC Converter for Harmonic Mitigation in Vector Controlled Induction Motor Drives
- SET-713.**SVPWM over modulation Scheme of Three-Level Inverters for Vector Controlled Induction Motor Drives
- SET-714.**Space Vectors Modulation for Nine-Switch Converters
- SET-715.**Modeling and Simulation of BLDC motor in Electric Power Steering
- SET-716.**A Novel Method of Load Compensation under Unbalanced and Distorted Voltages
- SET-717.**DTC-SVM Scheme for Induction Motors Fed with a Three-level Inverter
- SET-718.**A fuzzy logic controller for synchronous machine
- SET-719.**Power Quality Analysis of Traction Supply Systems with High Speed Train

- SET-720.**A Versatile Control Scheme for a Dynamic Voltage Restorer for Power-Quality Improvement
- SET-721.**Enhancement of Power Quality in Distribution System Using D-STATCOM
- SET-722.**Speed Control of Separately Excited DC Motor
- SET-723.**Novel Soft-Switching Inverter for Brushless DC Motor Variable Speed Drive System
- SET-724.**Fuzzy logic based control of variable speed induction machine wind generation system
- SET-725.**A Dynamic Voltage Restorer Equipped With a High-Frequency Isolated DC–DC Converter
- SET-726.**Nine level Cascaded H-bridge Multilevel DC-Link Inverter
- SET-727.**Modeling and Experimental Validation of a Fault Mitigation Method in Induction Motor-Drive Systems Using a Magnetic Equivalent Circuit
- SET-728.**A Model of the Static Synchronous Series Compensator for the Real Time Digital Simulator
- SET-729.**A STATCOM-Control Scheme for Grid Connected Wind Energy System for Power Quality Improvement
- SET-730.**A New Topology for Unipolar Brushless DC Motor Drive with High Power Factor
- SET-731.**Capacitor Balance Issues of the Diode-Clamped Multilevel Inverter Operated in a Quasi Two-State Mode
- SET-732.**Brushless DC Motor Control Using Digital PWM Techniques
- SET-733.**Utilize Distributed Power Flow Controller (DPFC) to Compensate Unbalanced 3-phase Currents in Transmissions Systems
- SET-734.**Fuzzy Logic Based UPFC Controller for Damping Low Frequency Oscillations of Power Systems
- SET-735.**Analysis and Reduction of Time Harmonic Rotor Loss in Solid-Rotor Synchronous Reluctance DrivePower Systems
- SET-736.**A VSC-HVDC Fuzzy Controller for Improving the Stability of ACDC Power System
- SET-737.**MATLAB Simulink Implementation for Reducing
- SET-738.**A FACTS Device Distributed Power-Flow Controller (DPFC).MATLAB Simulink Implementation for Reducing
- SET-739.**Power Factor Correction Using a Series Active Filter
- SET-740.**Speed control of dc motor using combined armature and field control

SET-741.Voltage Flicker Compensation using STATCOM

SET-742.Sensitive Loads Voltage Improvement Using Dynamic Voltage Restorer

SET-743.Sensor less speed estimation of induction motor in a direct torque control system

SET-744.Design and implementation of a shunt active power filter with reduced dc link voltage

SET-745.Simulation of a Space Vector PWM Controller for a Three-Level Voltage-Fed Inverter Motor Drive

SET-746.Matrix Converter-Based Unified Power-Flow Controllers Advanced Direct Power Control Method

SET-747.Z – Source Inverter Based Permanent Magnet Brushless DC Motor Drive

SET- Sine wave Inverter.

SET- Transformerless Variable Frequency Drive

SET AC-AC Converter

SET DC-DC Converter

SET V/F Speed control of induction motor

SET MPPT Optimal Power Point Tracking system for Solar PV panels.

SET Solar operated Liquid Vending machine

SET Green wind energy for rural electrification

SET Earth Fault relay for 3-phase power system

SET Programmable current relay for high speed protection.

SET programmable energy meter with voice based alert.