PROBLEM STATEMENTS

(Department of Electrical Engineering)

Problem1:

To build an automatic solar tracker which tracks intensity of sunlight and moves according to the direction of sunlight.

Problem 2:

To develop a smart energy meter using GSM technology which gives information about consumption of energy at a particular interval of time.

Problem 3:

To build automatic room light using IR Sensors.

Problem 4:

To build a project to find under ground cable fault distance locater.

Problem 5:

To build a project for controlling load using DUAL TONE MULTI FREQUENCY METHOD(DTMF) method.

Problem 6:

To build a project to detect undervoltage and overvoltage for load protection.

Problem 7:

To build a project for multiple power supply using 4 different sources for NO BREAK POWER SUPPLY.

Problem 8:

To design a battery charger to charge batteries used in electrical vehicles by use of renewable sources of enery .

Problem 9:

Fuel Cell emulator design for electric vehicles.

Problem 10:

Solar Cell emulator design for rural areas under shaded load condition .