PITHAPUR RAJAH'S GOVERNMENT COLLEGE
(AUTONOMOUS), KAKINADA-533 001, AP-533001

REACCREDITED BY NAAC WITH 'A' GRADE

AFFILIATED TO ADIKAVI NANNAYA UNIVERSITY, RAJAMAHENDRAVARAM, AP

CENTRE FOR INNOVATION & INCUBATION

E-mail: kakinada.jkc@gmail.com
Website: www.prgc.edu.in

Phone No : 0884 2379480
IQAC : 9441715670

P.R. GOVERNEMENT COLLEGE(A), KAKINADA

DEPARTMENT OF PHYSICS AND ELECTRONICS

CENTRE FOR INNOVATION AND INCUBATION

(ACADEMIC YEAR -2021-22 & 2022-23)

Present scenario :

1.) **Construction of EGG incubation chamber** with arduino based programming constructed by our IIIMPCs students **R. Ganesh, M.Mani Babu and M. Sai Krishna** under the esteemed guidance of our beloved former Head of the Department **Sri U.V.B.B.Krishna Prasad**.

2.) **Regulated D.C. Power Supplies** constructed by our IIIMPCs students R**. Ganesh and M. Sai Krishna** under the esteemed guidance of **Dr. P.Himakar** (convener and chief designer centre for innovation and incubation).

3.) **Solar Tree** under construction by our IIMEIot Students.

4.) **Solar V-I Characteristics kit** designed and implemented by **Dr. P.Himakar** (convener centre for innovation and incubation) for the Renewable Energy Practicals.

5.) **Most of the equipments** are being repaired by our students and by the convener centre for innovation and incubation **Dr. P.Himakar** for the smooth running of the Laboratories.

6.) **Lot of arduino based projects** are prepared and presented by our Students of Physics and Electronics disciplines on science Day.

7.) **At present we are in a process** of modifying the experimental kits so that more than one experiment is designed using a single kit.

Ex: Network theorems may be designed on a single kit.

Vision and Mission of Centre for Innovation and Incubation:

Our vision is to create and opportunity for the Students for creativity and hands on working for various projects under construction. Also to train them to learn skill like soldering and de-soldering and testing tools etc.,

Our mission is to prepare various Laboratory equipments in low cost and make use of such equipments extensively in the laboratories. Also to create innovative ideas for using solar panels up to their maximum potential.

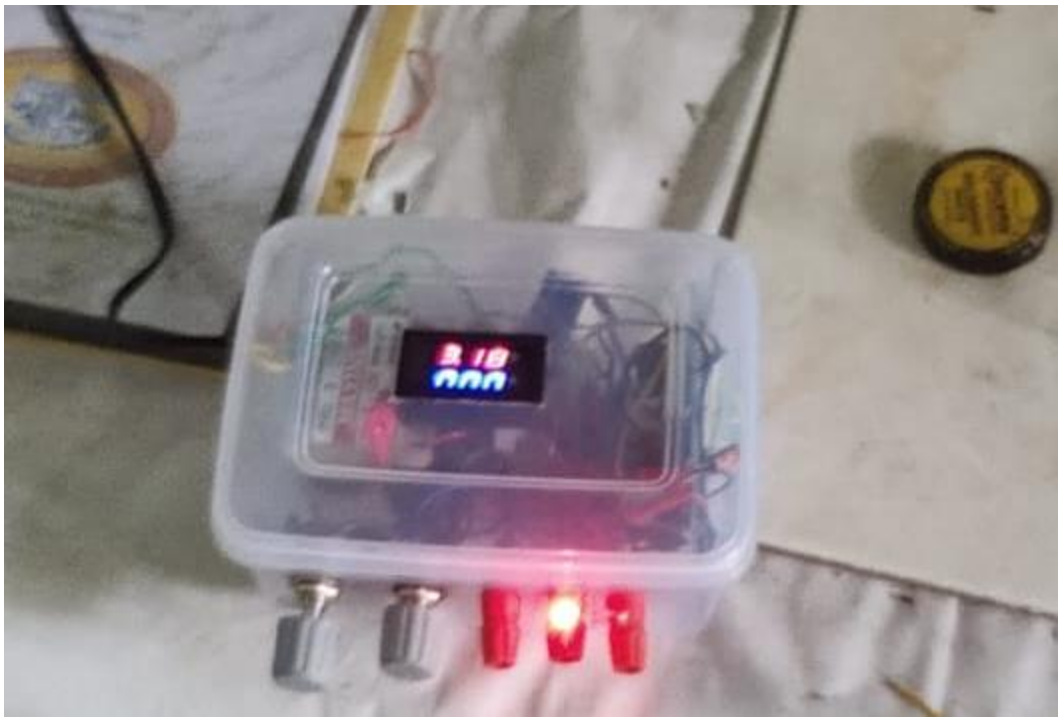
Future Plans :

1.) Using Iot based projects for watering plants and to control electrical equipment using networking.

2.) To train students on various equipments of Renewable energies including the electrical vehicles and Solar panels, Battery packs etc..

CENTRE FOR INNOVATION AND INCUBATION PHOTO GALLEY

5 V DC SUPPLY WITH RELAY CONNECTING THE BATTERY



0-30V DC REGULATED POWER SUPPLY

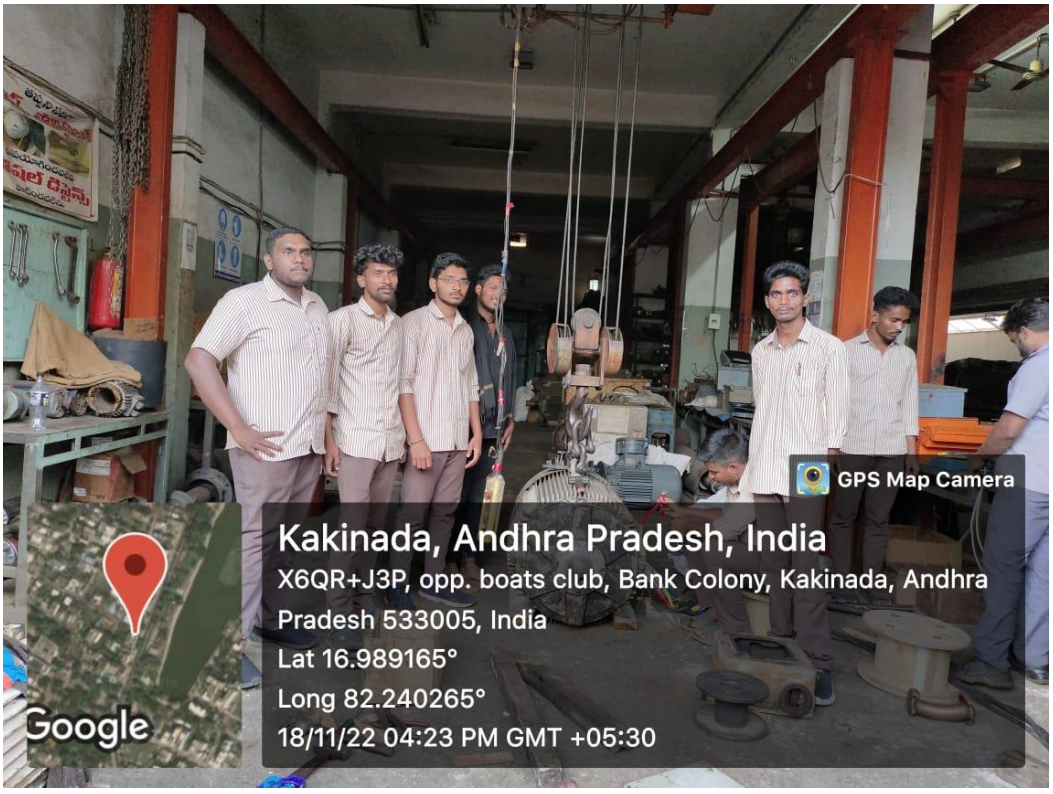
NETWORK THEOREM KITS

SOLAR TRACKER EQUIPMENT

EGG INCUBATOR USING ARDUINO

BLIND MAN’S STICK

STUDENTS PARTICIPATED IN VARIOUS PROJECT WORKS




GPS Map Camera
Kakinada, Andhra Pradesh, India
Seshadri Towers, Vegulapapaya, National Highway 214, Bank Colony, Kakinada, Andhra Pradesh 533005, India
Lat 16.989593°
Long 82.239915°
21/11/22 03:52 PM GMT +05:30
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Lake view Appartment, National Highway 214, Bank Colony, Kakinada, Andhra Pradesh 533005, India
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