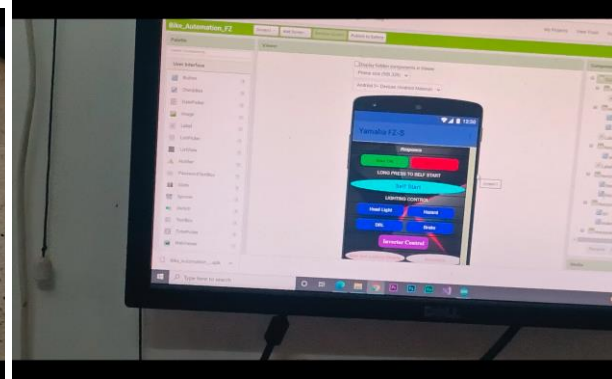
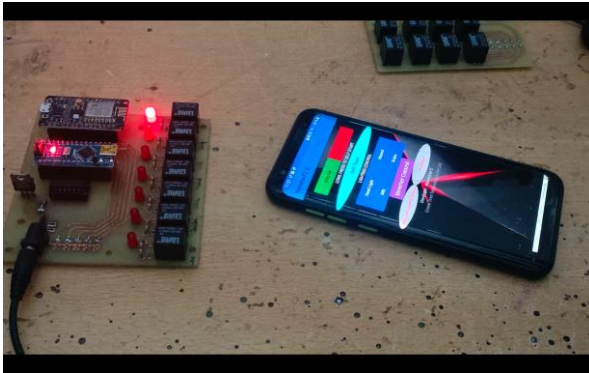




DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

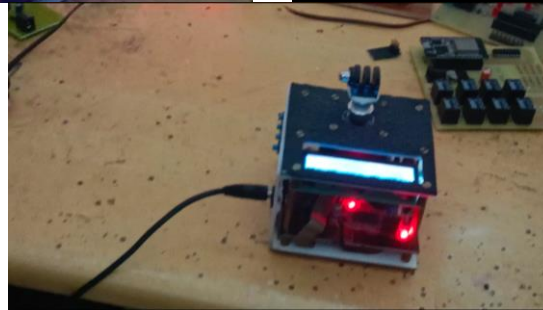
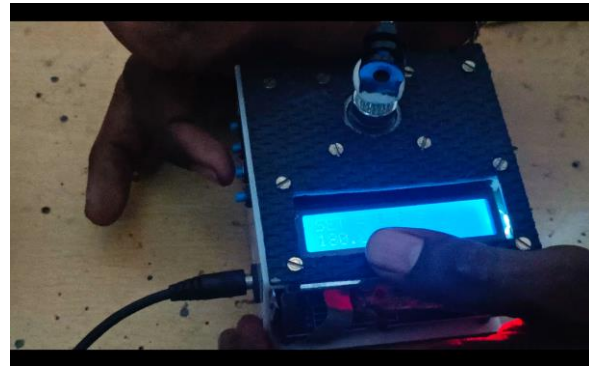
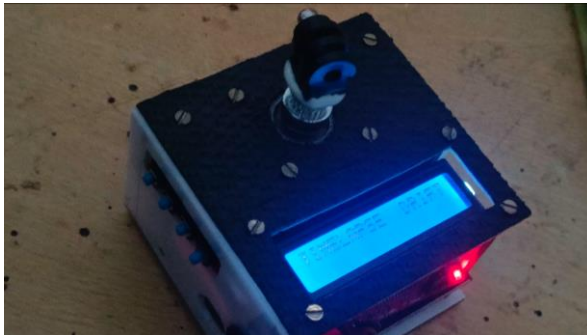
PRODUCT DEVELOPMENT

1. Byk Automation Unit



A Product prepared by Students to avoid accidents is being used in College campus for knowledge transfer and develop some advance techniques to be used in Project lab as well as R&D cell.

2. Time Lapse Drifter – 360 degree Rotation



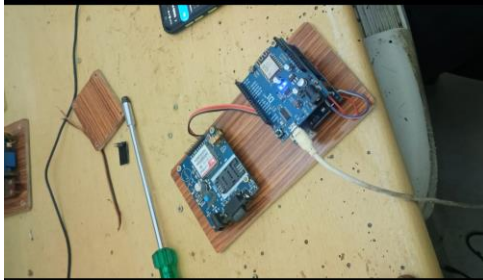
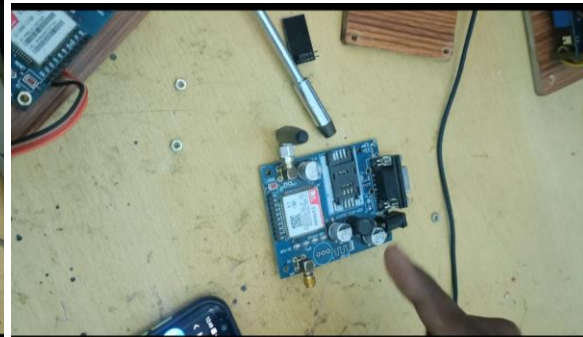
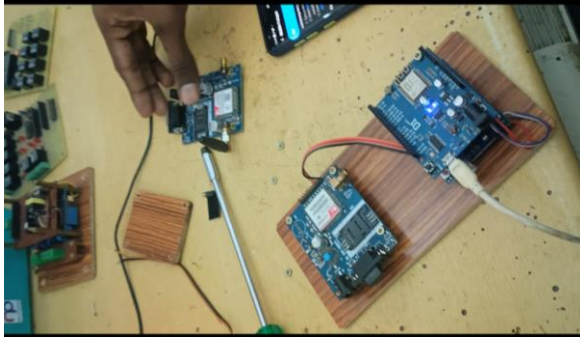
Time Lapse Drifter, which is used to drift the fixed camera to take time lapse videos automatically is designed by students. Using this, Panorama videos can be taken. It is being used in College campus for knowledge transfer and develop some advance techniques to be used in Project lab as well as R&D cell.



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

3. Vehicle Tracker

Live Location of any vehicle can be tracked. It can be installed in two wheelers, Cars, College Buses etc. to continuously monitor the safety of the passengers while pick up and drop off. In case of emergency, this will help us to send/receive immediate notification of the vehicle location. It is being used in College campus for knowledge transfer and develop some advanced techniques to be used in Project lab as well as R&D cell.



4. Low cost AC:

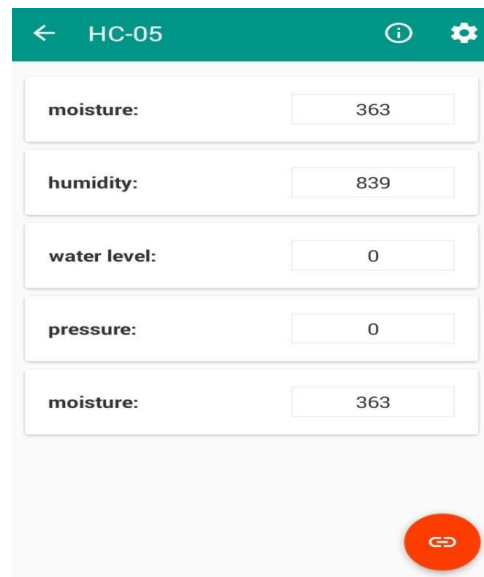


The aim of this product is to provide an air conditioner accessible to everyone in our society at an affordable price. This model is very safe to consumers and environment.



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

5. Design and Implementation of Low Cost Modular Atmospheric Water Generator Using IOT:



A water seer is a structure or device that collects water by promoting the condensation of moisture from the air. Designs for air wells are many and varied, however the only designs are utterly passive. All over on Earth, even in deserts, the encompassing atmosphere contains a minimum of some water. so the water is collected by condensation process and used for some purpose. By using this device the hot air is collected form atmosphere and it is pushed underground in depth of 4-6 feet and the condensation process is done and the water droplets are collected. The Sensors are used to measure the value of temperature, moisture of the soil , water level and air pressure. The value of sensors is viewed by using the android application.



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

6. Water Purifier:

The water purifier developed by the students uses 3 filters to filter out the wastes and dust particles in the water and provide a purified drinking water. The purifier developed by the students is being used in the college.



7. Food Warmer

Food Warmer which was developed under the guidance of Dr.C.Viswanathan, Prof/ECE Department at a cost of Rs.25000/- has been used in the college canteen.

