

PRODUCT GALLERY FOR 2006

This course was offered for the first time this semester (6th semester). The students have come out with some good marketable products. More than that, they have learnt how to develop a product for the competitive market place. In the future, let us hope, that some novel intellectual property (IP) will come out of this course. The products developed and the student teams that developed the product are shown below.

LOCK PULLY



The Product

This is the age-old pulley with a ratchet and pawl arrangement to lock it when it is loaded. It is meant for people drawing water from wells.



The Team

1. Murugavel Ananth, R (IC10331)
2. Muthuraman, B (IC10332)
3. Parikh Chinthan Sandeep (IC10334)
4. Prabhu Chandran, K.J. (IC10335)

MULTI-FEATURE ALARM CLOCK



The Product

An ordinary alarm clock, but with additional features, like variable volume alarm, musical alarm, and snooze facility built into it.



The Team

1. Kunal Vinayak (IC10326)
2. Logapriya, D. (IC10327)
3. Maithili, G. (IC10328)
4. Maria Josephine, A. (IC10329)
5. Mohamed Hussain, A. (IC10330)

MOBILE CHARGER FOR CELLPHONES



The Product

A cell-phone charger which has reserve power for people on the move. Once the the charger is charged using the mains supply, it can be disconnected. Then it can be used to charge a mobile-phone even in places where there is no mains supply.



The Team

1. Vinoth Kumar (IC10346)
2. Vishal Patel (IC10347)
3. Yogesh Bansal (IC10348)
4. Rishabh Jain (IC10227)
5. Nishant (IC10254)

REMOTE FAN SPEED CONTROLLER



The Product

A remote controller which can be used to switch on or off a fan. It can also be used to increase or decrease the speed of the fan.



The Team

1. Jashobanth Majhi (IC10321)
2. Javed Khan (IC10322)
3. Jayashree, M.R. (IC10323)
4. Karthikeyan (IC10324)
5. Kumar Sagar (IC10325)

INEXPENSIVE TAP WITH SOFT-FLOW



The Product

Only expensive water taps nowadays have soft flow of water. The soft flow is achieved by mixing air with water as it comes out of the tap using a fundamental physical phenomenon. This water tap implements the same principle in an inexpensive plastic tap. So you get soft-flow at a much lower cost.



The Team

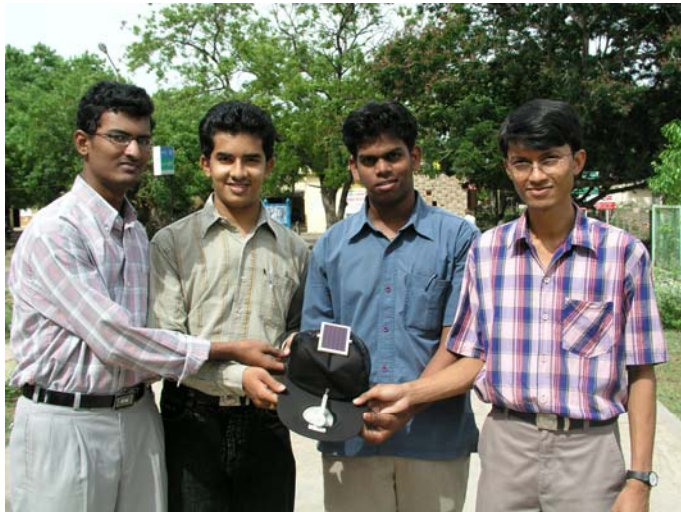
1. Amod Kumar (IC10306)
2. Anbarasan, A. (IC10307)
3. Anil Kumar, A. (IC10308)
4. Anitha, C. (IC10309)
5. Archana, S. (IC10310)

CAP WITH SOLAR-POWERED FAN



The Product

A cap with a solar cell and a small fan to increase air circulation near the face. It can be used outdoors on a sunny day.



The Team

1. Arifuddin Ahmed (IC10311)
2. Arpit Tapadia (IC10312)
3. Arun Kumar (IC10314)
4. Arun Prasad (IC10315)

ILLUMINATION CONTROLLED TABLE LAMP



The Product

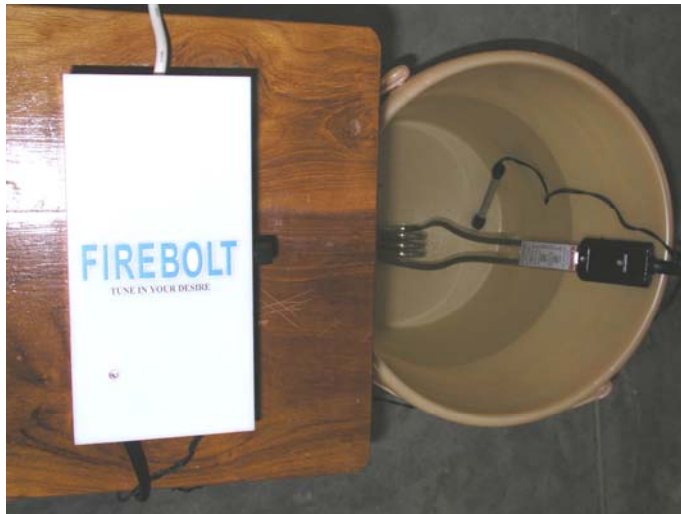
Many diverse activities require different illumination levels. This table lamp aims to satisfy this requirement.



The Team

1. Surya Prakash Singh (IC10342)
2. Vaibhav Lodha (IC10343)
3. Vidya, C. (IC10344)
4. Sridhar, V (IC10341)

TEMPERATURE CONTROLLED IMMERSION WATER HEATER



The Product

The ordinary immersion heater is an uncontrolled product. Using this product, the ordinary immersion heater can be used to heat the water to the required temperature in a controlled manner. So, if you forget to switch off the heater, the water will not become boiling hot.



The Team

1. Rangunathan (IC10337)
2. Saandeep, M. (IC10338)
3. Selvakumar (IC10339)
4. Shashi Kumar (IC10340)

RECHARGEABLE DUAL-BEAM TORCH



The Product

This torch is rechargeable. Also, in addition to the usual horizontal beam, it produces a vertical beam to illuminate the area where you are stepping in



The Team

1. Aboo Bakker Siddique (IC10301)
2. Adarsh Tandiya (IC10302)
3. Aishwarya, S. (IC10304)
4. Amit Bagaria (IC10305)

WATER PUMP CONTROLLER



The Product

This product controls a pump that is used to pump water to an over-head tank. This device detects overflow of water and hence prevents water wastage. It also detects dry run of the pump.



The Team

1. Arvind, R. (IC10316)
2. Balaji, M. (IC10317)
3. Gaurav Godawat (IC10318)
4. Hareeswara Kumar, M. (IC10319)
5. Harharasubramanian, N. (IC10320)