



Event Rules:

1. Teams upto two participants each are eligible to participate.
2. Teams need to **register** for the event by filling the form given on the website <http://students.iitk.ac.in/roboclub/> failing to which their submissions will not count.
(deadline 29-10-2016: 23:59 hours).
3. For design event there are no bounds on platform used, i.e. you can use Inventor, Fusion, or any other licensed software you own or you can manage.
4. For the **design event** teams need to submit the design file (eg. .ipt files for inventor) along with a image/snapshot of the design from any good-looking angle.
(Deadline: 30-10-2016: 01:59 hours).
5. For the **event:2**
 - a. you need to submit an abstract report (.pdf file) with following contents:
 - i. Problems in current scenario
 - ii. Your idea for the solution
 - iii. Block Diagram of the solution (optional)
 - iv. Details, how you can implement
 - v. Rough idea of budget required for actual implementation
 - vi. To what extent your solution works & its Limitations
 - vii. Details of simulations added along with
 - b. Circuit Simulations of full model or subparts in done in '<http://circuits.io/>' or similar online platform.
(Deadline: 31-10-2016: 01:59 hours).
6. Any submission after the deadline will not count for finalizing results.
7. For submission use the **Member 1 details**.
Go to ROBOWeek section in <http://students.iitk.ac.in/roboclub/> → Submissions → Enter Member 1 RollNo → Chose Files to submit and submit it.
8. Final result will be declared accounting submissions for Event 1 and Event 2 both.

Problem Statement:

1. Event 1: Design Challenge

You need to design to design a 3D model of IIT Kanpur logo.

Judging Criteria: Creativity and feasibility of design

2. Event 2: Smart Street Light Solutions

We all are familiar to power wastage caused by uninterrupted glowing of High-Power street lights. So here the task is to develop a model for the functioning of

street lights in such a way to reduce any power wastage. Again the solution should be feasible both economically and technically.

Judging Criteria: Feasibility, ease of implementation and overall effectiveness



Robotics Club, IIT Kanpur
Presents

ROBOWeek 2016

Prizes:

- For 1st placeholder:
INR 3K Cash + 1 Robotics Club T-Shirt + 1 CCD coupon
- For 2nd placeholder:
INR 2K Cash + 1 Robotics Club T-Shirt + 1 CCD coupon
- For 3rd placeholder:
INR 1K Cash + 1 Robotics Club T-Shirt + 1 CCD coupon
- Other benefits:
CCD coupons for all those complete the events.

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In case of any disputes, the decision of the Coordinators would be final and binding to all.

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