



National Robotics Festival – 2014

Contest Outline: Exploring the Dreams

Objective:

Robotics is not only the matter of engineers. People all around the world always fascinate about robots. And college going students who are interested in technology they are highly fascinated by robotics.

In this National Robotics Festival we want to reveal their dream by showcasing their innovation. We want school-college going students to dream about a robot what will be able to do something according to their wish. We never want to limit their dream with any restriction. Through this platform they will be encouraged to meet the real life scenario with a vision to motivate them to indulge in their passion for robotics.

Gameplay:

The motive is to dream a robot that can perform some tasks according to their dream.

Task:

- To write a description (we call it abstract) with illustration about the robot. What key features the robot may have. [Maximum 4 page with regular font and spacing will be allowed]
- Describe the operations the robot will perform.
- How the robot will perform the operation. Provide as much detail as possible. For Example -using flow charts/algorithms/drawings.
- Use 1.5'2' art paper to make a poster with the sketch of your robot and mention the key portions of it. You will have to bring this poster in the festival.

Judging Criteria

Based on Abstract – 50% weight will come from here.

- Creativity of the idea (30%)
- Feasibility of the idea (20%)
- Details of the technical description (50%)

Based on Poster Presentation - 50% weight will come from here.

- Creativity of the presentation (30%)
- Feasibility of the prototype (20%)
- Details of the technical description (50%)

Rules:

A-GENERAL

1. Each team will consist 2 members.
2. Members should have the valid studentship of any govt. authorized school/college.
3. Students from class 9 to 12 can participate.
4. English and Bangla both language are allowed.
5. A team can submit only one idea.

Decision of Judges

Decision of the judges will be the final and judges are having the full rights to take any decision regarding results. Advisors of this competition have the superior power on judgment.

Changes to Rules and Deadlines

Contest organizing team reserves the full rights to change the rules & regulations and also the deadlines as well.

Contest Location

The competition (semi-finals, finals and award ceremony) will take place in Dhaka City. No TA-DA will be provided for any event.

Copyright

Submitted works' copyright will be shared with festival organizing committee.

Assessments and Awards

- Works submitted must meet content requirements and reflect the theme and mission set by the Competition Organization Committee. They have to be reflective of the concept.
- One winning team and One runners up team will be awarded with cash prize.
- Other shortlisted contestants will issue shortlisted certificate for contestants who have completed but did not receive any of the above awards and certificate for contestants whose works are not completed for some reason.

Consent

By entering this competition you are giving your consent with agreement that you read all the rules and regulations and you are agreed with these.

Registration & Abstract Submission:

1. Your team will have to get registered through this link [<http://goo.gl/LYnuhI>] before **February 3, 2014.**
2. Last Date of Abstract Submission is **February 4, 2014**
3. Submit your abstract (maximum one page) through mail [contact@esab.org.bd] and write [Abstract Submission] - [Group Name] - [Exploring the Dreams] as subject in the mail.
4. File format of abstract should be pdf or doc.
5. Selected teams' name will be published online.

