ELECTROVERT 2017

EVENT STRUCTURE

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| **Day 1** | **Day 2** |
| Circuitron | ELECTROCHAMP |
| µ-Reka | Reflux |
| Protegyon | Mysterio |
| Tractatus | Quizonic |
| Auxesis | Procurro |

1. **CIRCUITRON:**

The crucial part in Electronics engineer’s life is circuits so we are organising a sub event based on circuit building. For this event we are going to give specific analog or digital circuit to participants which they have to build.

* Each team will be consist of 2 members. We are expecting 80 entries for this sub event
* The sub event will be organised in two domains of novice and expert.
* In this event there will be 3 rounds.
* Round 1-Aptitude test.
* Round 2-Circuit debugging.
* Round 3-Circuit building.

**2.µ-REKA:**

As we all know microcontroller is heart of electronics, thus we are going to organise one sub event based on programming of microcontroller. This event is helpful to check programmability of students for specific controller and fluency for embedded languages.

* Each team will be consist of 2 members. We are expecting 60 entries for this sub event
* In this event there will be 2 rounds.
* Round 1-Aptitude test.
* Round 2-Program debugging.
* Round 3-Hardware implementation.

**. PROTEGYON:**

This sub event is based on electronics circuit designing software “Proteus” which is also helpful for PCB designing and simulations of basic analog and digital circuits.

* Each team will consist of 2 students. We are expecting 40 teams for this sub event.
* In this event there will be 2 rounds.
* Round 1-Aptitude test.
* Round 2-Problem assessment and simulation.

**4. NEGOTIUM:**

As said in ELESA’s objective we always try to develop technical as well as management skills. In ELECTROVERT we organize management event such as *NIFTEX, OFFERTA* based on share marketing bidding respectively.

* Each team will consist of 3 students. We are expecting 60 teams for this sub event.
* In this event there will be 3 rounds.
* Round 1-Investment.
* Round 2-Auction.
* Round 3-Surprise.

**5.AUXESIS:**

This event was organized exclusively for First Year Engineering Students. The prime purpose behind organizing this event was to provide first year students with a platform where they can show and affirm their knowledge, command over language and versatility

* Each team will be consist of 2 members. We are expecting 150 entries for this sub event
* In this event there will be 3 rounds.
* Round 1-Aptitude test
* Round 2-Presentation
* Round 3-Surprise

**6. REFLUX:**

This event is paper presentation event which will be basically consisting of two rounds. We will give participants a theme, and they have to present a paper on a subject related to that theme by considering the rules of International Paper Presentation.

* Each team will be consist of 2 members. We are expecting 80 entries for this sub event
* In this event there will be 2 rounds.
* Round 1-Shortlisting
* Round 2-Presentation

**7.PROYECTO:**

This event is project presentation competition. As mini project and mega project became the main part of every academic year. The main motto behind this event to encourage the students to enhance their creativity in project building and they should be able to overcome the various problem faced by industries.

* Each team will be consist of 3 members. We are expecting 10 entries for this sub event
* In this event the projects will be judged by the industries expert.

**8. QUIZONIC:**

All engineering colleges are focusing on technical knowledge but having knowledge about current affaires is also very important. This sub event will check the general knowledge of participants and there awareness about the current affairs.

* Each team will be consist of only 1members. We are expecting 150 entries for this sub event
* In this event there will be 2 rounds.
* Round 1-Aptitude
* Round 2-Rapid fire
* Round 3-Buzzer

**9. MYSTERIO**

This year we decided to add one more noteworthy sub-event in this mega event. This event will challenge ones ability to reveal secrets behind the scenes.

* Each team will be consist of only 2 members. We are expecting 50 entries for this sub event
* In this event there will be 2 rounds.
* Round 1-Aptitude
* Round 2-Team formation
* Round 3-Case study

**10. ELECTROCHAMP:**

This is the main attraction of ELECTROVERT. This year ELECTROCHAMP is open to all. This event is specially designed for those candidates who has core knowledge of electronics.

* Each team will be consist of 4 members. Winner of Circuitron, u-Reka and Protegyon will get direct entry to this event. Other teams those who want to participate in this event have to clear Aptitude test.
* We are expecting 5 entries for this event.
* In this event there will be 2 rounds.
* Round 1-Aptitude\*
* Round 2-Problem solving.