

Walchand College of Engineering, Sangli.

(An autonomous institute)

&

Electronics Engineering Students’ Association (ELESA)

Presents

ELECTROVERT 2017

The Performers’ creed

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ELECTROVERT 2017

EVENT STRUCTURE

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EVENT Structure

ELECTROVERT is a **State Level Technical Event** organised by Electronics engineering students’ associations (ELESA) a technical club of Walchand College of Engineering, Sangli established in the year 1992. ELESA have 52 board members from different years of Electronics Engineering.

As per the tradition of ELESA after successful glory and overwhelming response of students. ELESA is organising ELECTROVERT 2017.

Attraction of ELECTROVERT 2017: **ELECTROCHAMP**

ELECTROVRT 2017 will consist of following sub events:

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

The **OBJECTIVES** of the ELECTROVERT are

* To Encourage creativity of the students by nurturing their ideas and inducing the feeling of social binding
* To impart industrial knowledge within the students by arranging different technical events and Guest Lectures and to enhance employability of the students to work in core Electronics industries.

To achieve these objective as mentioned earlier the brief introduction and structure of ELECTROVERT 2017 is as follows

**Event-wise details (Day I)**

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.
* Statistics:

**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.
* Statistics:

**3. 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.
* Statistics:

**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.
* Statistics:

**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
* Statistics:

**Event-wise details (Day II)**

**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
* Statistics:

**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.
* Statistics:

**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
* Statistics:

**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.

WHO WE ARE?

Electronics Engineering Students Association is a departmental technical club of Walchand College of Engineering, Sangli. Which was established in the year 1992. The ELESA represents current students within the Electronics Engineering Dept. at WCE, Sangli. Our goal is to organize social and professional activities which strengthen and enrich the community within the department, and to help publicize various research activities within the department.

**The activities which we have organised in year 2016-17 are:**

* GENERAL INTEREST MEET and departmental visit for F.Y. B-Tech students in order to make them acquainted with department.
* TEACHER’S DAY celebration.
* ELECTROVERT, the annual technical symposium was held on 17th and 18th of September 2016. Nearly 1000 students from 42 nearby engineering colleges were participated in this mega event.
* TECHNOKAIZEN to instil a sense of team work amongst ELESAites.
* EXCELLENCE a mock campus event was organized by B. Tech ELESA members for electronics engineering students.
* PROTEUS WORKSHOP, we conducted 2 proteus workshops for the academic year 2016-17
* E-YANTRA preparation workshop was organised for the students to prepare them for this national level competition.
* SOCIAL ACTIVITY, this year, ELESA volunteered to visit Malu High school, Sangli, to interact with the school kids and to let them know about their career choices
* ALUMNI MEET was organised to let students know about current trends in industries.
* KNOWLEDGE BRIDGE was organized for the degree students of electronics engineering. It was specially organized for the third year students to learn new things from that projects.
* VIDEO LECTURE SERIES, from last year we have started our You-Tube channel which covers video lectures on all the important topics of electronics engineering.