

Walchand College of Engineering, Sangli.

(An autonomous institute)

&

Electronics Engineering Students’ Association

(ELESA)

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ELECTROVERT 2018

EVENT STRUCTURE

About Electrovert

**ELECTROVERT** is a **State Level Event** organised for engineering and technology students by ELESA, a technical club of dept. of Electronics at Walchand College of Engineering, Sangli. It entails **Technical, Management and soft skills competitions** to provide a better platform to showcase talent for engineering and technology students across the Maharashtra. The students from other universities and colleges participate in the event like Govt. College Of Engg.–karad, Sinhgad College Of Engg.-Pune, RIT-Islampur, Kolhapur Institute of technology, Dr. D Y Patil College of Engg. etc.

Electrovert has a glory of about 12 years and each years the success curve is upgoing with latest record of 600 teams contributing to more than **1200 participants** in Electrovert 2017. Electrovert is a **2 day event** organising minimum 10 major sub-events. The day 1 majorly includes technical and management competitions. The second day comprises of soft skill competitions, technical and non-technical quiz competition.

One of the major attraction of Electrovert is **ELECTROCHAMP**. It is an embedded system designing and building event for solving real life problem set according to the theme of Electrovert.

ELECTROVRT 2018 will consist of following sub events:

|  |  |
| --- | --- |
| **Day 1** | **Day 2** |
| Management event competition | Paper presentation competition |
| µ-controller based competition | Project presentation competition |
| Circuit simulation competition | General quiz competition |
| Circuit building competition | Mystery solving event |
| First year student special event | ELECTROCHAMP |

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 and real life problem solving thinking within the students by arranging different technical competitions, workshops and Guest Lectures to enhance employability of the students to work in core Electronics industries.

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

1. **CIRCUITRON:** *(Circuit building and debugging competition)*

The crucial part in Electronics engineer’s life is circuits so ELESA organises a sub event based on circuit building and debugging. For this event we are going to give specific analog or digital circuit to participants which they will 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(FY,SY Diploma & Degree) and expert(TY & Final Year Diploma & Degree).
* Entry fee will be 50(1st round) + 100(2nd & 3rd Round) per team.
* In this event there will be 3 rounds.
* Round 1-Technical Aptitude test.
* Round 2-Circuit debugging.
* Round 3-Circuit building.
* Previous years Statistics:

1. **µ-KRAZE:** *(Microcontroller based competition)*

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 in checking 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.
* Entry fee will be 100(1 st round) + 50(2 nd round) per team.
* In this event there will be 2 rounds.
* Round 1-Aptitude test.
* Round 2-Program debugging
* Round 3-Hardware implementation
* Previous years Statistics:

**3. PROMANIA:** *(Circuit simulation competition)*

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.
* Entry fee will be 100/- (1st Round) and 60/-(2nd Round) per team.
* In this event there will be 2 rounds.
* Round 1-Aptitude test.
* Round 2-Problem assessment and simulation.
* Previous years Statistics:

**4. ENTREPRENEUR CAFE:** *(Management event)*

As said in ELESA’s objective we always try to develop technical as well as management skills, this event particularly tests management skills. The event will be a full day event. It will check management, marketing and decision making skills of participants.

* Each team will consist of 3 students. We are expecting 60 teams for this sub event.
* Entry fee will be 200/- per team.
* In this event there will be 3 rounds.
* Round 1-Auction.
* Round 2-Electronic Product Design.
* Round 3-Innovative Marketing and Advertising.
* Previous years Statistics:

**5.PROVENANCE:** *(Special event for First year students)*

This event is organized exclusively for First Year Engineering Students. The prime purpose behind organizing this event is 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.
* Entry fee will be 150/- per team.
* In this event there will be 3 rounds.
* Round 1-Aptitude test
* Round 2-Presentation
* Round 3-Surprise
* Previous years Statistics:

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

**6. PRAGYOTSAV:** *(Paper presentation competition)*

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.
* Entry fee will be 100/- per team.
* In this event there will be 2 rounds.
* Round 1-Shortlisting
* Round 2-Presentation
* Previous years Statistics:

**7.TECHNOVATION:** *(Project presentation competition)*

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 is 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 20 entries for this sub event.
* Entry fee will be 150/- per group.
* In this event the projects will be judged by the industries expert.
* Previous years Statistics:

**8. QUIZONIC:** *(General quiz competition)*

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 1 member. We are expecting 150 entries for this sub event.
* The entry fee will be **50** Rs per participant.
* In this event there will be 2 rounds.
* Round 1-Aptitude
* Round 2-Domain wise Quiz Test
* Round 3-Surprise Round
* Previous years Statistics:

**9.THE RECRUIT** *(Mystery solving event)*

This event is all about investigating a murder case to get recruited in an intelligence organization through their recruitment process. It will be a full day event. This event will challenge particular’s ability to reveal secrets behind the scenes.

* Each team will be consist of only 2 members. We are expecting 150 entries for this sub event.
* Entry fee will be 150/- per team.
* In this event there will be 3 rounds.
* Round 1-Aptitude
* Round 2-Interrogation of Reports
* Round 3-Case study
* Previous years Statistics:

**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 have core knowledge in electronics.

* Each team will consist of 4 members. Winner of Circuitron, u-KRAZE and Promania 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.
* Previous years Statistics:

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 2017-18 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 9th and 10th of September 2017. More than 1000 students from 42 nearby engineering colleges were participated in this mega event.
* ROBOHOLIC a robot making competition and robo-fight competition was organized.
* EXCELLENCE a mock campus event was organized by B. Tech ELESA members for electronics engineering students.
* PROTEUS WORKSHOP, we conducted a proteus workshop for the academic year 2017-18
* 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.