ELECTROVERT 2019

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EVENT STRUCTURE

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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 54 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 2019.

Attraction of ELECTROVERT 2019: **LineFollower–RoboRace**

ELECTROVERT 2019 will consist of following sub events:

Day 1	Day 2
Circuit Tech	Paper Buzz
Age of μTron	Creaton
Proignito	QuizIQ
Biz Multiverse	The Recruit
Exordium	E-Champ

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 2019 is as follows

Event-wise details (Day I)

1. Circuit Tech:

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 (FY, SY Diploma & Degree) and expert (TY & Final Year Diploma & Degree).

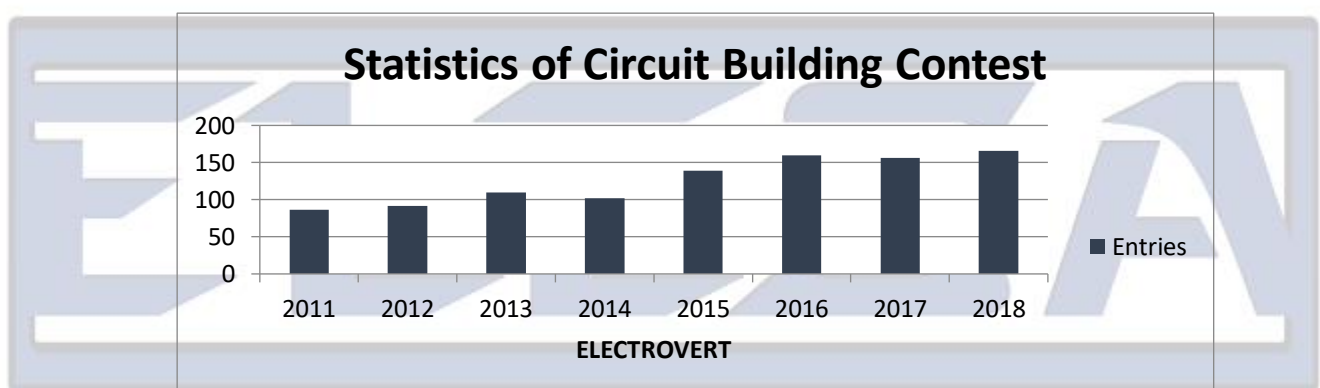Entry fee will be 80(1st round) + 80(2nd & 3rd Round) per team.

In this event there will be 3 rounds.

Round 1-Aptitude test.

Round 2-Circuit debugging.

Round 3-Circuit building.

Statistics:

Statistics of Circuit Building Contest

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2. Age of µTron:

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 80(1st round) + 80(2nd round) per team.
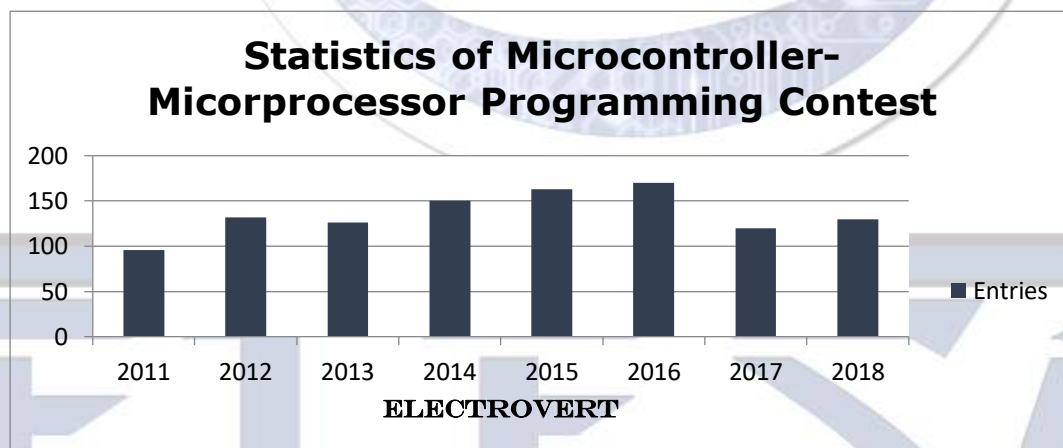
In this event there will be 2 rounds.

Round 1-Aptitude test.

Round 2-Program debugging.

Round 3-Hardware implementation.

Statistics:

3. Proignito:

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.
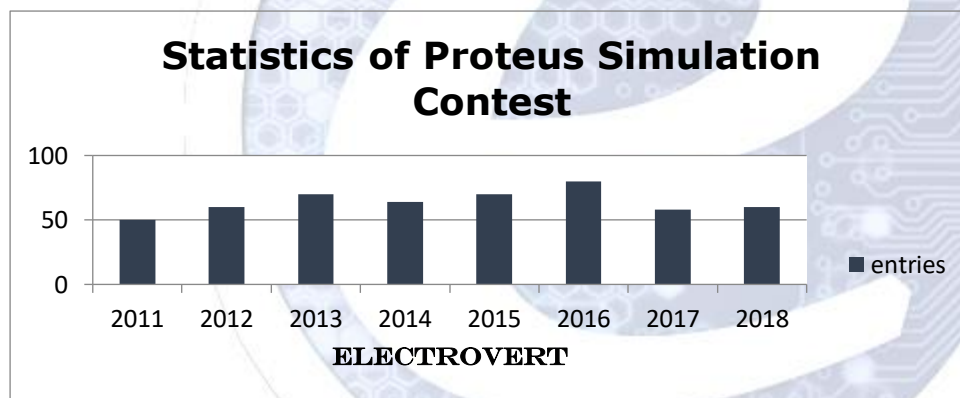
Entry fee will be 80/- (1st Round) and 80/-(2nd Round) per team.

In this event there will be 2 rounds.

Round 1-Aptitude test.

Round 2-Problem assessment and simulation.

Statistics:

Statistics of Proteus Simulation Contest

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4. Biz Multiverse:

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.
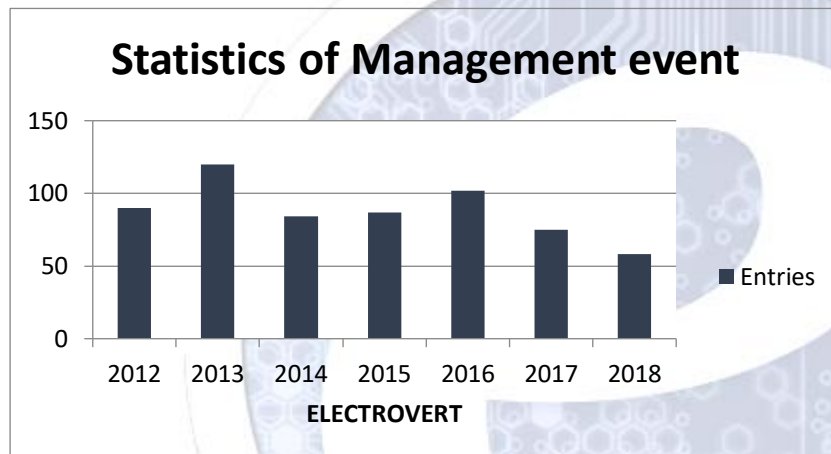
Entry fee will be 200/- per team.

In this event there will be 3 rounds.

Round 1-Auction.

Round 2-Electronic Product Design.

Round 3-Innovative Marketing and Advertising.

Statistics:

Statistics of Management event

5. Exordium:

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.

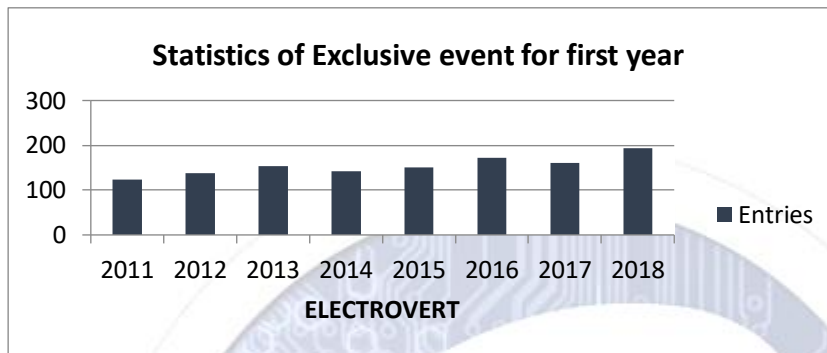Entry fee will be 80/- (1st Round) and 80/-(2nd and 3rdRound) per team.

In this event there will be 3 rounds.

Round 1-Aptitude test

Round 2-Presentation

Round 3-Surprise

Statistics:

Statistics of Exclusive event for first year

Event-wise details (Day II)

6. Paper Buzz:

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.
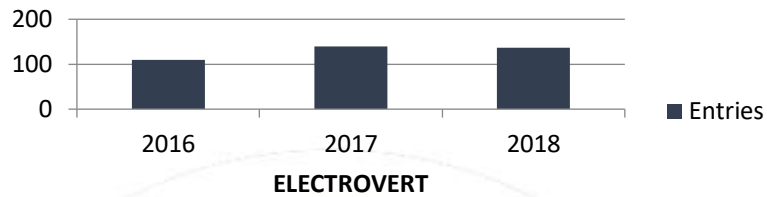
Entry fee will be 100/- per team.

In this event there will be 2 rounds.

Round 1-Shortlisting

Round 2-Presentation

Statistics:

Statistics of Paper Presentation Event

Entries by year: 2016, 2017, 2018

7. Creaton:

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.
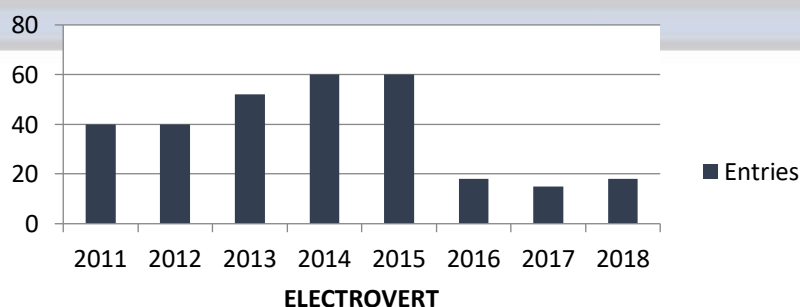
Each team will be consist of 3 members. We are expecting 10 entries for this sub event.

Entry fee will be 200/- per group.

In this event the projects will be judged by the industries expert.

Statistics:

Statistics of Project Presentation Competition

Entries by year: 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018

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8. QuizIQ:

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.

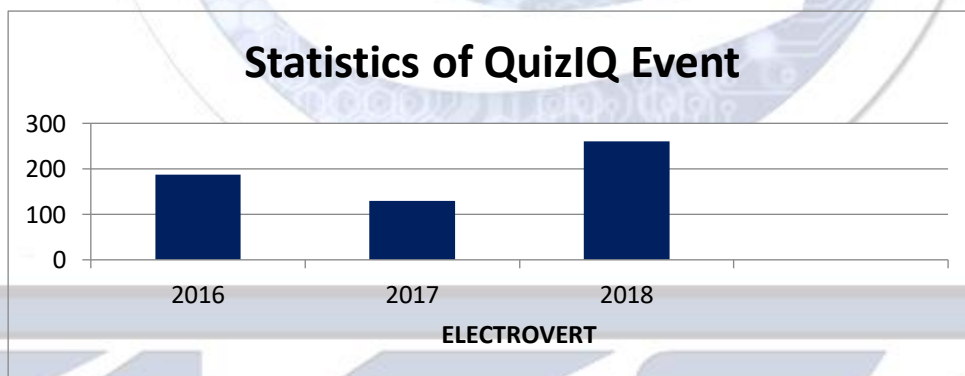The entry fee will be **50**/- per participant.

In this event there will be 2 rounds.

Round 1-Aptitude

Round 2-Domain wise Quiz Test

Round 3-Surprise Round

Statistics:

9. THE RECRUIT

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 one'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.

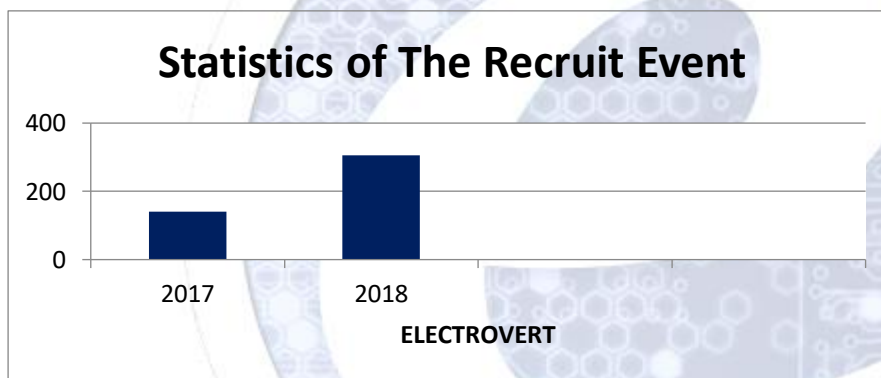Entry fee will be 80/- (1st Round) and 80/-(2nd Round) per team.

In this event there will be 3 rounds.

Round 1-Aptitude

Round 2-Interrogation of Reports

Round 3-Case study

Statistics:

Statistics of The Recruit Event

10. E-CHAMP:

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 Circuit Tech, Age of uTron and Proignito will get direct entry to this event. Other teams those who want to participate in this event have to clear Aptitude test.
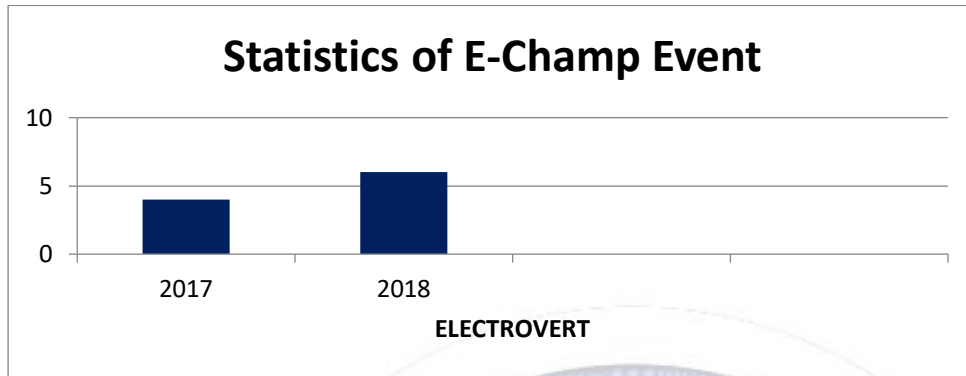
We are expecting 5 entries for this event. Entry fee will be 200/- per team.

In this event there will be 2 rounds.

Round 1-Aptitude*

Round 2-Problem solving.

Statistics:

Statistics of E-Champ Event

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11. Line Follower – Robo Race:

From this year, project presentation which includes already existing project with series of presentation and QA session is updated with robo race which follows uniform black line and with available traditional ways to perform task teams have to make the system more robust and minimal time consuming which makes participants to scratch their minds in variety of directions and think out of the box to tackle situations.

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 8th and 9th of September 2018. 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 2018-19

E-YANTRA preparation workshop and mock test 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 2017, we have started our You-Tube channel which covers video lectures on all the important topics of electronics engineering.