

AISSMS COLLEGE OF ENGINEERING

ELECTRICAL ENGINEERING DEPARTMENT

ENGINEERING TODAY 2K19 REPORT

Electrical Engineering Department has organized Engineering Today Students' Technical Symposium: WATTS 2019 on 18th & 19th September 2019 and Science Exhibition on 20th September 2019. The details are as follows

1. EVENT NAME: LICENCE TO KILL: LASER WAR

EVENT DATES: 18th, 19th & 20th September 2019

EVENT VENUE: MACHINES LAB (106)

TIMING: 10:30 am - 4:30 pm

The laser war match was between two teams. Each team was consisting of 3 players. The time duration for each match was five minutes. Jackets were provided to each player along with a laser gun. The jackets contained photo diode plate, a buzzer, five LED strips, Arduino, batteries, relay, 9V to 12V converter circuit, etc. All these were mounted on each individual jacket. When the player hit the photo-diode plate using the laser gun, the LED would glow and buzzer would start sounding. There were maximum five shots allowed to single player. When all LEDs from jacket were lighted, that player would then be considered dead; he/she would not be able to operate laser gun from thereon, meaning laser gun would automatically switch off by tripping the relay. The winner was decided according to the count of remaining shots per player in a single team.

Event Coordinators: **Anurag Lambhor & Krishna Dongre**

No. of Volunteers: 11

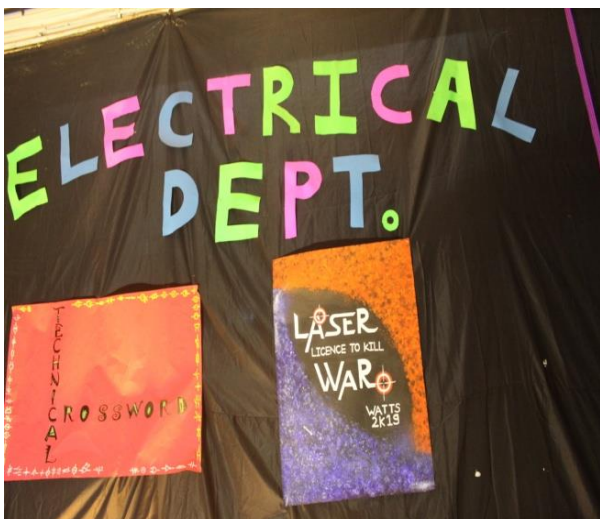
Total no of entries: **43 (30 spot entries and 13 from central campaigning)**

Winners: Shivam Deshmukh & Onkar Patole

Runners Up: Apoorva Solanke & team

Awards: Rs.7000 (1st prize)

Rs.5000 (2nd prize)





2. *EVENT NAME:* **PIRATES OF WIZARD**

EVENT DATES: 18th September, 2019

EVENT VENUE: Room No. 436

TIMING: 10 am to 4 pm

Pirates of Wizard was a technical event based on circuit analysis, and building of circuits. It consisted of three rounds. First round was based on general aptitude related to electrical branch, consisting of 15 questions, which was conducted on paper. Second round was based on analysis of circuits and connection of exact circuit. Third round was actual design of circuit from given components to get desired output. Both second and third rounds were timer rounds.

Event Coordinators: **Arbaaz Khan & Shripad Pande**

No.of Volunteers: 10

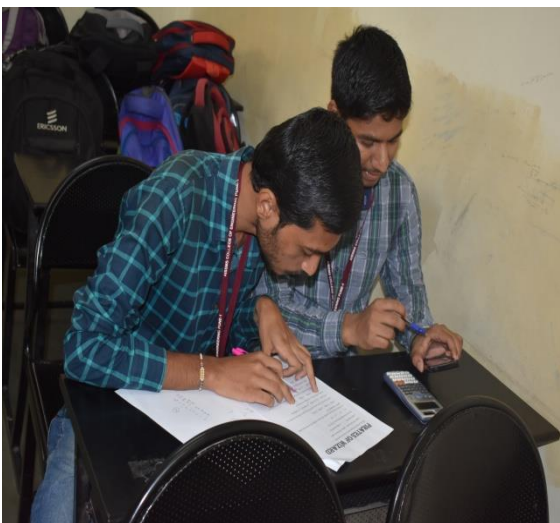
Total no of entries: 37 (**30 spot entries and 07 from central campaigning**)

Winners: Vinay Koshti & Shubham Nale

Runners Up: Ruturaj Machale & Abhinav Khumbar

Awards: Rs.5000 (1st prize)

Rs.3000 (2nd prize)



3. *EVENT NAME:* **TECHNICAL CROSSWORD**

EVENT DATES: 19/09/2019

EVENT VENUE: 426

TIMING: 11 to 3 PM

The event consisted of a total of three rounds, all of which were knockout rounds. Once the event was initiated, it was a sight to behold. All participating teams racked their brains, trying to fill in the empty rows and columns, and it was a matter of time before the set time limit was up. Although question papers were set differently to allow participation from all branches, the general opinion suggested a challenging yet fun choice of questions. And this was followed by result declaration, and almost immediately, the second round was started. Although the participant count further into the next rounds reduced gradually, the enthusiasm level remained unaltered, and on the whole, the event coordinators faced no issues during the event.

Event Coordinators: **Dhiraj Nevase & Pranav Deshmukh**

No.of Volunteers: 10

Total no of entries: 64 (59 spot entries and 05 from central campaigning)

Winners: **Pranav Lalwadia & Devendra Kondalkar**

Runners Up: **Utkarsh Chavan & Aniket Aitawade**

Awards: Rs.5000 (1st prize)

Rs.3000 (2nd prize)



4. EVENT NAME: AVIATED FALL

EVENT DATE: 19th September 2019

EVENT VENUE: Room no. 206

TIMING: 10am – 4 pm

It was related to basic concepts of engineering, physics and balance. Event was conducted branch wise which include 4 rounds.

This event aroused feelings of excitement and fun among all participants and audience. As the levels(literally) of the event went up, more and more were the eagerness to find the perfect balance master. It was tough and challenging, both at the same time, but at the end of it, students found it hard to forget about their mistakes. To say the least, one big gain from this game was that the participants learnt from their mistakes, and walked away with a much aware version of themselves.

Event Coordinators: Omkar Chavan & Sourabh Patil

No.of Volunteers: 10

Total no of entries: 33(33 spot entries)

Winners: **Nikhil Jadhav & Komal Patil**

Runners Up: **Ranjeet Machale**

Awards: Rs.6000 (1st prize)

Rs.4000 (2nd prize)



SCIENCE EXHIBITION

EVENT DATES: 20th September 2019

EVENT VENUE: High Voltage Lab [Room 106]

TIMING: 10 am to 3 pm

THEME: 'CURRENT AND FUTURE TRANSPORTATION'

CHIEF GUEST: Dr J K Solanki Head, NRCA Pune & Dr S N Kini, DM , Thermax Ltd Pune

Event Coordinators: **Darshan Solankar & Sudarshan Kasat**

No. of Volunteers: 15

The main motive of the Science Exhibition was for students to answer the question or task, not from the textbook but look out themselves, by creating a range of Model & Charts.

Our student coordinators explained the theme and motto of this year's Science Exhibition, which was 'Current and Future Transportation', and why it was significant at present and for the upcoming generation.

Along with The Chief Guests & Faculty members Student Visitors of **AISSMS ITI Boribhadak & Shri Shivaji Primary and Secondary School** acquired knowledge about practical aspects of transportation & appreciated the Exhibition.

A Radio Jockey (RJ) from Radio 104.2 FM was invited to audit this year's Science Exhibition, and further provide marketing support to the college events.

The Department head, Dr. (Mrs.) A A Godbole, on behalf of the Electrical Engineering Department, appreciated the efforts taken by the students for successfully demonstrating their best skills and putting up an excellent display of their ideas.



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