



**FORUM FOR ELECTRONICS AND  
TELECOMMUNICATION STUDENTS**  
**(F.E.T.S.)**



**Committee 2018-19**

**Chairperson: Aabha karmarkar**

**Technical Head: Harshal Gaikwad**

**Head of Finance: Manthan Tambe**

**Head of Events: Aditi Kolambekar**

**Head of Public: Srushti Yadahalli**

**Subcommittee:**

**Mehul Shrikant Patole**

**Aayush Ajay Bagrecha**

**Vansh Jain**

**Kaustubh Venkatesh**

**Alvan Dmello**

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## PROJECT EXHIBITION

Date: 19th January, 2019

FETS organized, for the third consecutive year, the National Level event 'Project Exhibition', as a flagship event in the annual college techno-cultural festival 'Oculus'. It was a national level project showcase competition with a total of 90 participants from different colleges.

Unique and innovative ideas were on display with the participants sending over a project report as well as giving a live demonstration. The judges for the day were **Dr Surendra Singh Rathod (Dean Academics- SPIT), Mr. Bhavin Kamdar (Co-founder of Embeddos Engineering) and Prof Kamble (EXTC Department)** evaluated each project on various parameters like innovativeness, execution, presentation skills etc, also providing valuable feedback to the participants and further scope of development. After the evaluation, refreshments were provided to the participants, following which the results were declared. The winning team was awarded a cash prize of Rs. 5000, the 1st runners up received Rs. 3000 and 2nd runners up Rs. 1000. The prizes were awarded at the hands of **Dr. Y S Rao** Vice Principal and Dean of Research & Development, SPIT.

The team of Aakash Salunkhe, Aashley Samkutti and Trilok Sawant (St. Francis Institute of Technology) grabbed the first prize for their '**Project Blue**' solar air-water purifier. The team being one of the experienced participants, with 11 patents on their name.

**'Temperature controllers using PLC and SCADA'** by Pratik Adhyaya and team (SPIT), and **'Smart Irrigation System'** by Pratik Attarde and team (Government Polytechnic, Mumbai) were awarded first and second Runner-ups respectively. 'Waterless Portable Toilet' by Frank Shingra (NICMAR, Nasik) which was also demonstrated in Kumbh mela won a special mention.

Feedback was taken from the participants and they found it to be fruitful and encouraging. Overall it was a rather successful showcase of student's projects from different domains and a fun and learning experience for us well.





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*S. Chaudhary*

## **Workshop on Understanding DSO**

**Date: 10th October, 2018**

The FETS committee organized a Seminar on “ How to use DSO” with the major target audience being the FE EXTC and ETRX students. As the students were new to this instrument, it was very useful and much needed to make them familiar with the DSO, use it further for interfacing it with python, etc.

Prof. Haldankar (ETRX Department) explained the FE students about the DSO, its various ports, buttons and interfacing techniques. He also explained the basics of electrical engineering in order to emphasize his points. In the end, a small quiz was conducted to test the students and based on the performance winner was awarded a cash prize.

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## **Product Design 1**

**Date: 2nd November, 2018**

To encourage innovative and sustainable solutions to industrial problems and to motivate students to do their best in academic Product Design 1 in semester 5, FETS arranged a Product Design-1 competition. The competition was held on . FETS got a very good response from students of TE EXTC. Everyone came up with their innovative ideas. The best three projects from TE EXTC were chosen by student's votes. Those students who had best projects were awarded a cash prize by Dr Y S Rao. The 1st, 2nd,3rd position winners were given cash prizes of Rs 2500/-, RS 1500/- and Rs 1000/- respectively. Winners are:

### **1) Smart Bin**

- Saurabh Parulekar
- Wesley Pereira
- Sopan Phaltankar

### **2) Sniffit**

- Tarun Joseph
- Kirti Tyagi

### **3) CP+**

- Manthan tambe
- Dhanashree Vinherkar
- Shreeram Narayanan



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## **Product Design 2**

**Date: 25th April, 2019**

After getting an overwhelming response from students of TE EXTC in Product Design -1 competition, FETS conducted Product Design -2 competition. The competition was held on . This competition included projects done for academic Product Design 2. FETS again got very good response from students of TE EXTC as everyone came up with exciting and innovating ideas. The best three projects from TE EXTC were chosen by student's votes. Those students who had best projects were awarded a cash prize and a certificate by FETS.

The 1st, 2nd, 3rd position winners were given cash of Rs 2500/-, Rs 1500/- and Rs 1000/- respectively along with appreciation certificates.

Winners are:

### **1) Motor Control**

- Tarun Joseph
- Krishna Mehta
- Pranav Jaguste

### **2) Smart Plant Incubator**

- Aakash Mane
- Sudhanshu Lodha
- Tushar Sonawane

### **3) DC to DC converter using Node MCU (Buck, Boost and BuckBoost)**

- Harshal Gaikwad
- Prajakta Divekar
- Divyesh Marne



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## **FAREWELL:**

**Date: 10th May, 2019**

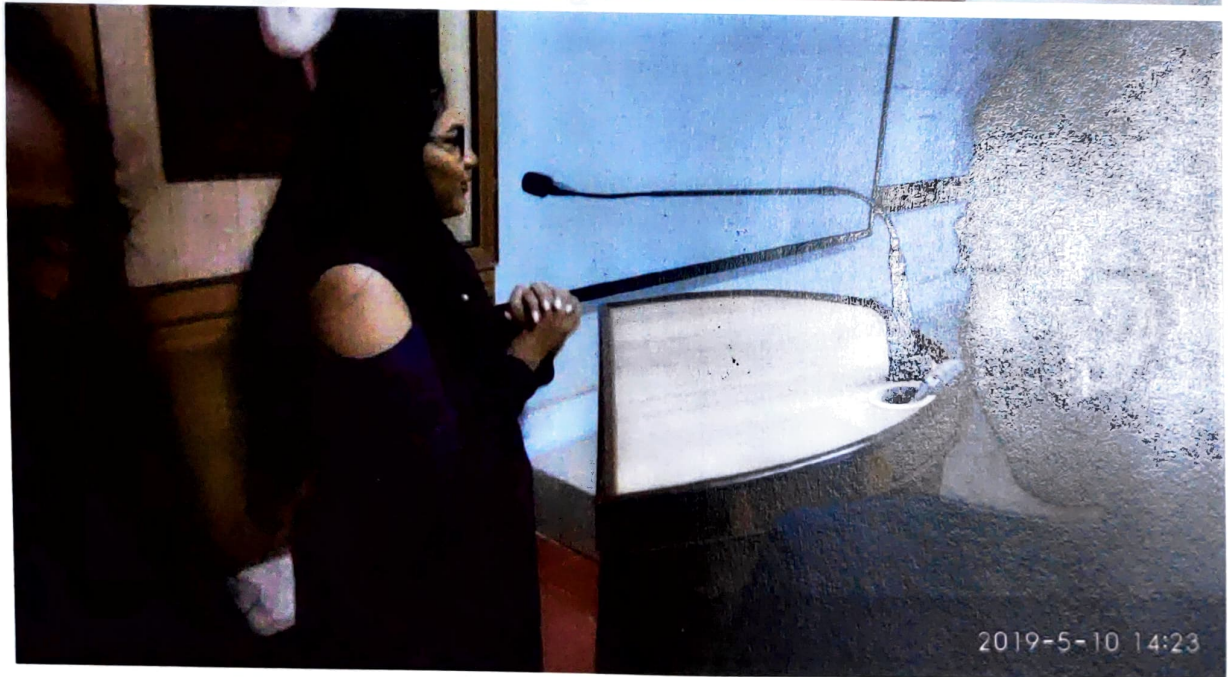
The FETS committee of SPIT EXTC conducted a farewell for their Final year students. At around 11 a.m., the BEs and the teachers of EXTC gathered in the Conference Room for what would be their final event together before the Convocation.

The event commenced with a short opening and congratulatory speech by Prof. Sukanya Kulkarni (EXTC Department) and Dr Y. S. Rao (Vice Principal, SPIT) who praised the BEs endurance on making it successfully to the four arduous years of engineering. The ceremony proceeded further with the energetic performance of BE students followed by Prize Distribution.

EXTC faculty encouraged the BEs for their future endeavours and also cherished their moments with them. The VP further asked the students themselves to share their best and worst times. Many obliged to this query and took the dias to express their gratitude to the institute, to their colleagues and teachers. This was followed by a video, compiled by Ruman Kazi, a third year EXTC student. The video captured all the moments of the BEs right from their first trek to their last IV. The atmosphere of the room had become nostalgic at this point, yet there were ephemeral bursts of laughter when some funny displays showed up. The nostalgia, however, faded off into eager appetites when the FETS members brought in the cake and the food boxes. With the cake cutting and the distribution of the food boxes along with a personal greeting for each BE, the event ended with high spirits and a gusto.

"Thank You all"..."Loved it"..."It was great"..."were the final words of the BEs as they took their steps out of the venue.





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**LOCKERS:**

The EXTC department had brought 48 lockers for the students. The locker allotment for the students was carried out by our committee. The committee allotted most of the lockers to the BE and TE students as they required it to keep their projects and reference books. The left out lockers were allotted to the SE's . This move was welcomed by the students as it reduced the weight of their backpack significantly.



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