

Summary Report Ay. 2019-20

What can give a new semester a better kick- start than a fun event? "When everything feels like an uphill struggle, just think of the view from the top." ESA, IETE and IEEE together organized a trek to Visapur Fort which is situated at a height of 3556 feet, located in Maharashtra, near Pune district.



The trek was led by a group of professional trekkers for guidance and ensuring safety of the students. The students had the magical experience of waterfalls along the way and scenic beauty at the top. The descent was followed by some delicious food and beverages. The students returned with a bunch of memories and a whole lot of new friends.

Integration, differentiation, physics and chemistry constants....

Okay, we get that a fresher cannot be expected to know it all. But there's a tool that's gonna be your best friend- "The Scientific Calculator". ESA organized a Scientific calculator workshop for the First Year Electronics students

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whereby the students were taught how to unleash the power of these calculators.

Students from Second Year and Third Year conducted this workshop and made sure all the students were well versed with their calculators.



As September arrives, the feeling of gratitude creeps from within every student as their Teacher's Day on the 5th. Teachers plant the seed of knowledge that lasts a lifetime. With this inspiration, it was time to give our beloved teachers something that would last in their memories and also give back to the ecosystem. Symbolising this feeling, a plant sapling was given to the teachers. Teacher's day was celebrated in the Electronics department with each of the faculty members being gifted an indoor plant sapling that could be placed in their cabins.

Artificial intelligence is the New Electricity!

That being said, a two days intriguing Artificial intelligence and Machine learning Workshop was organised by ESA. The field of Artificial Intelligence is as much important in Electronics Engineering as in any other field.

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The terminology of Artificial intelligence, Machine Learning and Neural Networks were explained along with hands-on implementation of various techniques that were carried out. The students were left appalled by the power of AI. It is rightly said- 'Our intelligence is what makes us human, and AI is an extension of that quality.'



What's better than a sports event to bring out people together? ESA organized a Sports event towards the end of October, which is also near the Semester end, under the name "ESA Cup" for the first time in its history. It consisted of Sports like Futsal, Box Cricket and Badminton.



Students of each year in the Electronics Department battled it out for the ESA Cup trophy. A narrow victory saw the Third year students edging past the Second year



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students by just 5 points. They were awarded with a trophy. A whole lot of networking between students of Electronics took place. We hope this becomes a tradition in the coming years and we get to see new emerging talents playing with their boosted, as ever confidence.

The Department of Electronics of Sardar Patel Institute of Technology had organized an Action Research Project Competition for the Third year students. Focus on the importance of project & practical implementations of innovative ideas in the Electronics domain was given. This event was volunteered by ESA and was a very good experience for us, as a committee. We got to learn excellent management skills due to this. We had a special guest to judge the projects, Mr. Govind Gaundalkar, an Engineer from Micro Devices. He is known to students for the SCOPE courses he conducts and for imparting his valuable knowledge regarding Embedded Systems and Internet of Things. The event was coordinated by the Faculty of Electronics with prizes being awarded for the meritorious projects.



These were the various events conducted by ESA in the odd semester of the Academic Year, 2019-20. Unfortunately, due to the pandemic outbreak, all the events planned for the next semester had to be scrapped. But we hope the committee for the next year works with even more enthusiasm and performs well against all odds.

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