

PCCOE ETSA PRESENTS

ETSA CONNECT

DECEMBER 22 | ISSUE 04



ETSA PCCOE



ETSA PCCOE



ETSA PCCOE

Our Inspirations



Late. Shri. Shankarrao B. Patil
Founder President
Pimpri Chinchwad Education Trust



Late. Smt. Lilatai Shankarrao Patil
Ex President
Pimpri Chinchwad Education Trust



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Director

Advisors' Message



Dr. M. T. Kolte
H.O.D.E&TC

EnTC Department has student-centric approach and aims at establishing in our students a foundation for continuing learning that is required for maintaining competency to solve new problems as they arise and groom our students as solution providers and not answer providers. The department is also taking care for the student's professional behavior that requires adherence to the highest principles of ethical conduct. I wish all the best to Team ETSA-IETE for their future endeavours.

IETE is Institute of Electronic and Telecommunication Engineers. Primary commitment of the IETE is to create awareness among students about recent technologies and emerging trends in the field of EnTC Engineering. IETE conducts workshops, seminars, guest lectures, national level competitions and international conferences to encourage and motivate the students to improve the standard of engineering education I wish all the best for Team ETSA-IETE for their bright future and dreams.



Dr. S. L. Tade
IETE Coordinator



Mrs. Ashwini S. Shinde
ETSA IETE Coordinator

ETSA is the Electronics and Telecommunication Student Association, a platform created by the students for the students. Primary commitment of the ETSA is to provide responsible and equitable student leadership and to mirror the opinions and concerns of all segments of the department. All the events and activities organised attempts to motivate students in campus life and form a close-knit interdisciplinary, multinational student community at the E&TC Department. I wish all the best for Team ETSA for their bright future and dreams.

Editorial Board



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Team ETSA

Third Year :

1. Vrunda Khare
2. Pushkar Mahajan
3. Kushagra Mishra
4. Kartik Deshmukh
5. Shruti Bhavsar
6. Shreya Shete
7. Shejal Shail
8. Akhilesh Badam
9. Aniruddha Shinde
10. Vaishnavi Gadhave
11. Gargee Patel
12. Jayesh Kolhe
13. Guruprasad Deshpande
14. Hiral Bhuptani
15. Kartik Kumar Athani

Overall Achievements

1. Overall 1st place - Formula Bharat 2021

Name of event: Formula Bharat 2021

Brief information: 8-E&Tc students from Team Kratos Racing secured Overall **First Rank** in Fifth time championship **Formula Bharat 2021**



2. JUDGES CHOICE PRIZE WINNER in EW Project Challenge 2021

Name of Student: Tushar Aalse

Name of competition: EW Project Challenge 2021

Brief information: Tushar Aalse was selected as **Judges choice prize winner** in EW Project Challenge 2021 in recognition of project Automelette- Automatic Omelette Cooking Articulated Robot.



3. Best Paper Award

Brief Information : Prof. Ashwini S. Shinde, Prof. Abhishek S. Jamdar , Prof. Kajal D. Joshi, Prof Sourabh T. Sarode were awarded as **"Best Paper Presenter"** for the paper entitled ' A CNN based speech recognition approach for voice controlled elevator' in the 5th ICEECCOT-21 organized by GSSS Institute of Engineering and Technology for Women, Mysure.



Overall Achievements

4. Selected as Google Cloud Facilitator

Name: Antariksh Pratham

Name of Event: #GoogleCloudReady

Brief Information : Antariksh Pratham selected as **Google student Facilitator** for #GoogleCloudReady Facilitator program by Google Cloud India



5. Automatic Sanitary Napkin Vending Machine



Name of members: Dr. Rajani P. K. , Jayesh Kolhe, Guruprasad Deshpande, Vishal Khandagle

Brief information: **Automatic Sanitary Napkin Vending Product** was registered under the company “ElectroLaxme Technology LLP”.

6. Received Funding for Prototype

Name of event: Technology Infusion Grand Challenge.

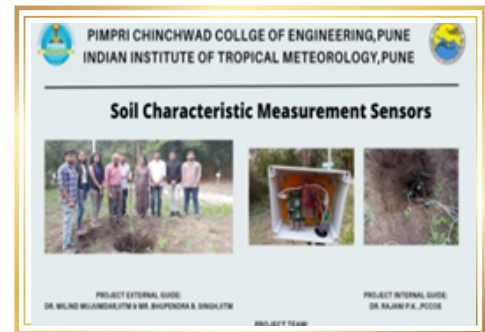
Brief information: Prof. Prakash Sontakke, Aditya, Joystam, Shivsundar received **Funding** for Prototype from La Trobe Australia University in Technology Infusion Grand innovation Challenge -2021



Overall Achievements

7. Completed Internship and Project Deployed at IITM

Brief information: The students from Entc department under the guidance of Dr. Rajni P K Completed **Internship and Project Deployed at IITM** with topic Soil Characteristics Measurement Sensor Network using Raspberry-Pi and IoT.



8. "Promising Performer" Award in Robocon 2021



Name of event: Robocon2021

Brief information: Swapnil Inamdar -Team Captain of Team Automations was awarded with **"Promising Performer"** in Robocon2021 along with 11-E&Tc students

9. Frist prize in "Engineering Design Category"

Name of event: Top 10 in BAJA SAE International 2021

Brief information: 6-E&Tc students from Team Red Baron received **First prize in "Engineering Design Category."**



Overall Achievements

10. UPSC CDSE-2021 Examination

Name: Tushar Machhindra Patil

Name of Exam: UPSE-CDSE 2021

Brief Information: Tushar Patil of PCCOE's Final year EnTC stood **72nd** in entire India UPSC's Combined Defence Service Exam and **42nd** in Indian Military Academy's Indian Navy.



11. Silver Medal in Kelo India University Games

Name: Tanaya Saptashwa

Name of Event: Kelo India University Games

Brief information: Tanaya Saptashwa from TE E&TC secured **Silver Medal** in **Mallakhamb & Rope Mallakhamb Competition** in Kelo India University Games, Competition held at Jain University, Bangalore.



ETSA Events

Orphanage visit

15th august 2021,

The students of ETSA-IETE had an opportunity to do things differently on Sunday 15th august 2021, when the ETSA-IETE coordinators visited Vikas Anath Ashram and Orphanage in Sonawane Vasti Chikhali, to celebrate Independence Day with them. Vikas Anath Ashram is home for orphanage children. Vikas Anath Ashram is an independent Orphanage home run by Mr. Mauli Harkal. At present 40 to 45 orphan children between 3 to 18 years of age are living in Vikas Anath Ashram. We reached the Orphanage at around 10.30 AM. The children of Vikas Anath Ashram were very pleasantly excited to receive the members. The students greeted us with great enthusiasm. We also met the caretaker. While interacting with the caretaker, we got to know the history of the orphanage and how it was established.

ETSA-IETE co-coordinators on behalf of ETSA-IETE student forum donated some grains, oil and sugar to the orphanage.

It was a wonderful experience to be with them. This visit was an unforgettable one. This noble cause of spreading smiles and happiness among these less privileged children, gave immense peace and happiness to our team of students.



It was indeed a very satisfying experience for the team, as they could bring smiles on children's faces. They realized that one contributes and understands his /her social responsibilities towards society.

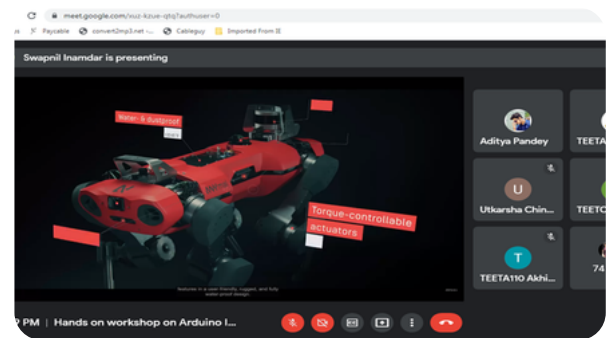
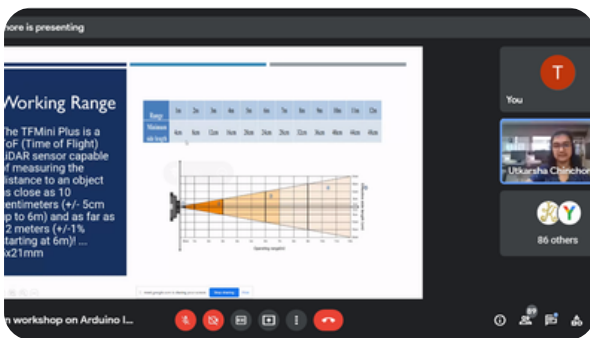


ETSA Events

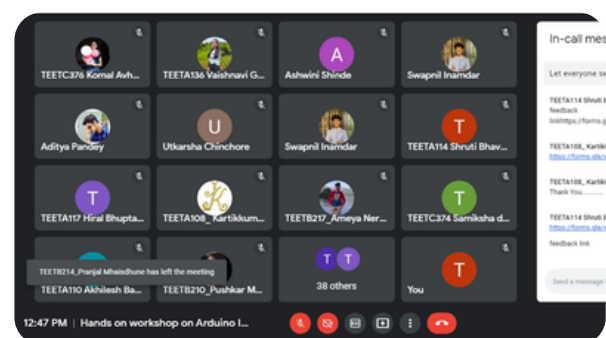
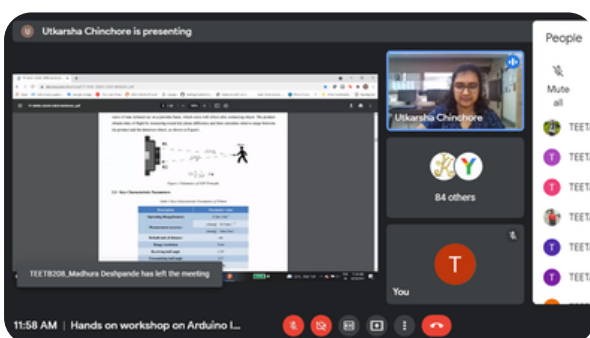
Webinar on “Learn To Interface Sensors”

28th August, 2021

The ‘Learn To Interface Sensors’ was a one day online webinar organized by ETSA-IETE and Team Automaton. Mr. Swapnil Inamdar B.E.(E&TC) , Miss. Utkarsha Chinchore , Mr. Aditya Pandey TE (E&TC) were the speakers for the session. Mr. Swapnil Inamdar (Captain, Team Automaton) has 3 years of experience of participating in events and handling teams with great enthusiasm. Miss. Utkarsha Chinchore works as an and circuit designer in the team and Mr. Aditya Pandey as an Electronic circuit designer.

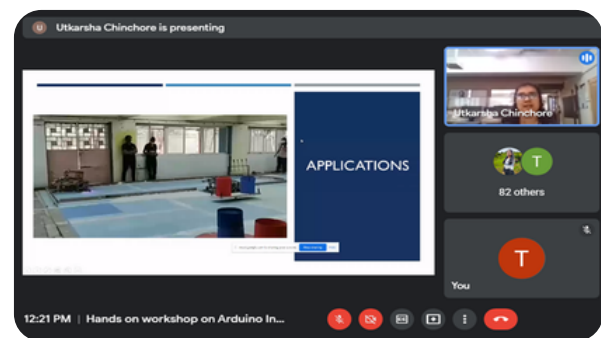
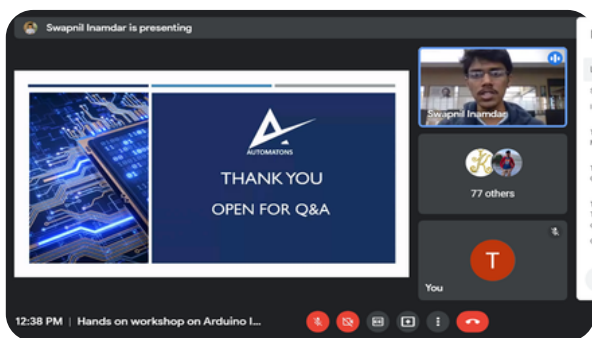


They explained about the types of sensors and distance measuring sensors like ultrasonic sensor, IR sensor, TF mini sensor in brief. The session got interesting as the students started interacting and started asking their queries to the speaker. After basics and introduction of sensors, they showed some live interfacing of sensors and coding part for the same. They also showed the videos of projects which they have made using these sensors and explained applications of them. Lastly they concluded the session with a short summary and an interactive Q & A session.



ETSA Events

The session helped a lot of students to understand about the sensors, their types, interfacing sensors with different boards and some other concepts. The session provided all the students a great knowledge about the “Sensors and their Interfacing” and how they are contributing in making human life more easy by helping in their daily chaos.



Webinar Financial Literacy Awareness Program

16' September 2020

Department of Electronics and Telecommunications In Association with Electronics and Telecommunication students association (ETSA) , Student Welfare, Anti Ragging and Discipline Cell (SWAD) and Institute Social Responsibility Cell (ISR) arranged a Financial Literacy Awareness Program for all students. Mr. Sameer Pakale was the resource person of the session.




ETSA Events

Mr. Sameer Pakale was the resource person of the session. He explained basic terminologies about finance, investments, tax saving and benefits etc. The main moto of the webinar was to create financial awareness which will generate confidence in students to use the financial services and products more effectively thereby bringing more people to the formal financial sector.


Summary

- Cover your risk first.
- Start Saving Early.
- Invest in right asset class.
- Invest by keeping goals in mind.
- Equity is long term asset class.
- Give importance to your Asset Allocation and Portfolio Re-balancing.
- Do your financial planning with the help of financial planner.



MARS (Mutual Fund Automated Rebalancing System)

MUTUAL FUND AUTOMATED PORTFOLIO REBALANCING SYSTEM



is a technology tool which helps in

- ▶ Scheme Selection
- ▶ Asset Allocation
- ▶ Periodic Rebalancing of Portfolio

The session helped a lot of students to understand about the financial awareness, investments etc.

Takeaways: Financial investments and its benefits, need to become financially independent even after retirement, how to invest wisely with a proper financial planner.

Coding competition

25' November 2020

Department of Electronics and Telecommunications in Association with ETSA- IETE student's Forum had conducted a coding competition on hacker rank on Engineer's day 15th Sept. 2021 aiming to increase the problem solving skills of Students in which a total 23 students participated. The event was conducted on hacker rank platform.

There were total 4 problem statements.

Level of coding problem statements was easy to moderate.

Top 3 students are:

1. Pushkar Mahajan 2. Darshan Khope 3. Abhijit Unavane

Students got Experience of competitive coding .Their problem solving ability is developed and the problems are easy to moderate level

ETSA Events

FestX 2021-22

8th Oct 2021 to 10th Oct 2021

A National level three day virtual technical fest “FestX 2021-22” organized by Electronics and Telecommunication Student Association (ETSA) in association with IETE-PCCoE Student Forum from 8th October 2021 to 10th October 2021. “FestX” focuses on achieving the desired skill set in a student by bringing forth various technical and non-technical events.



The poster for FestX 2021-22 is a dark-themed graphic with a dotted border. At the top, it lists the organizers: PCET'S PIMPRI CHINCHWAD COLLEGE OF ENGINEERING NIGDI, PUNE, and the Electronics and Telecommunications Student Association & IETE Student Forum. The central text reads 'FestX' in a large, stylized font, with a 'Website Link https://festx.tech/' to its right. Below this, several event categories are listed in boxes: 'IDEA SPARKLE' (Rs 30/- Team of 1-3), 'BATTLE OF GEEKLORDS' (Rs 30/- Per head), 'CLASH OF CIRCUITS' (Rs 30/- Per head), 'QUIZOMANIA' (Rs 30/- Per head), 'MASKED BANDITS' (Rs 20/- per head Team of 1-3), 'WEBINAR ON CAMPUS TO CORPORATE' (Speaker: Mrs Ankita Hemnani), and 'WEBINAR ON ROLE OF IOT IN INDUSTRY 4.0' (Speaker: Mr Shreyash Gajlekar). A central diamond shape says 'SAVE THE DATES 8-9-10 OCT'. At the bottom, coordinators are listed: HIRAL BHUPTANITTE (9075435401), PUSHKAR MAHAJAN(TE) (7219063378), ASHISH BHADWAT (BE) (9421934981), and YASHRAJ JADHAV(BE) (8055863243).

The participants' and winners' received certificates whereas winners' received prize money worth 15,000/-. Total 300+ students from all the colleges participated

The objective of the event was:

1. To provide students with a platform to present their ideas as well as projects.
2. To provide students an opportunity to showcase their programming and circuit designing skills.
3. To inculcate team spirit, build logical thinking and test general knowledge of the students.

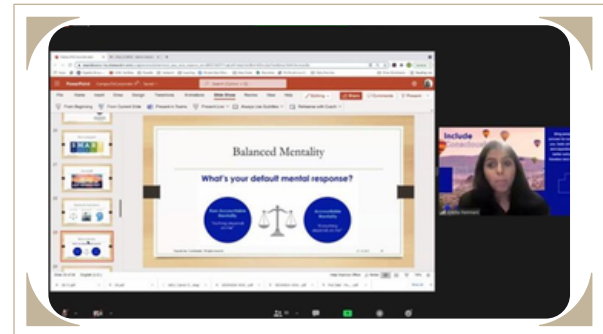
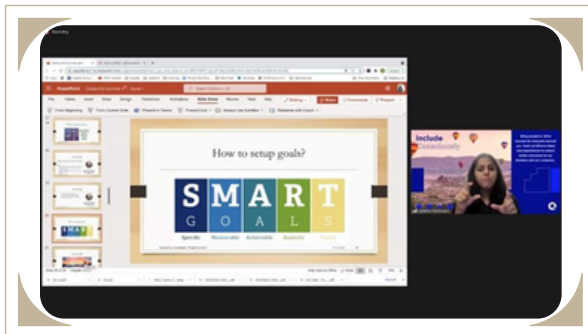


ETSA Events

Events under FestX:

Inauguration of FestX and Online webinar on “Bridging the gap between campus to corporate”.

Department of Electronics and Telecommunication Engineering had organized FestX inauguration. A webinar on campus to corporate journey in association with IETE - PCCoE student forum which was scheduled on 8th October, 2021. Inauguration of FestX was done by our Chief Guest Dr. Ravindra Kharadkar.



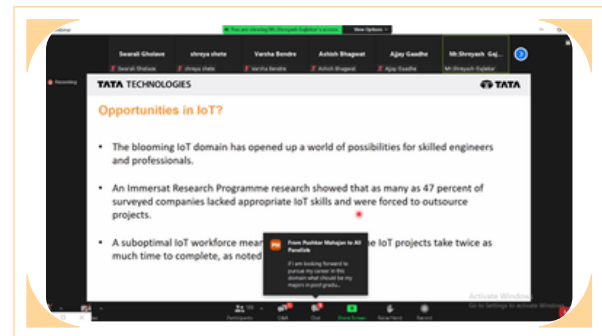
A non-technical webinar was organized for students which was covered by our guest speaker Mrs. Ankita Hemnani. The topic of the webinar was “How to Embark on a Successful corporate journey and onwards”. Our guest speaker delivered the webinar and mainly focused on goal setting during college life, finding resources for further studies, and what is the equation of career success. She also introduced the Expedia group where she is currently working.

Role of IoT in Industry 4.0 and Opportunities for Engineering graduates in IoT

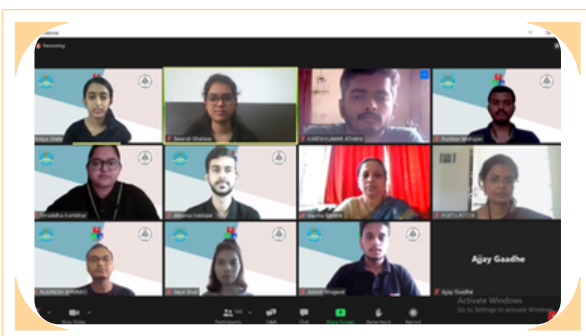
Department of Electronics and Telecommunication Engineering had organized an IoT Webinar and Inauguration in association with IETE PCCoE student forum which was scheduled on day 2 9th October, 2021. IoT

ETSA Events

Webinar was organized for students which covered the latest topics in IoT by our guest speaker Mr. Shreyash Gajlekar. IoT club was also formed for the students of EnTC department with an aim to keep up with latest trends in IoT which will be headed by Mr. Aajay Gaadhe.



There were total 243 participants. The topic of the webinar was “Role of IoT in Industry 4.0 and Opportunities for Engineering graduates in IoT”. Our guest speaker delivered the webinar and mainly focused on opportunities created by IoT. He also mentioned competitions available on the internet regarding the IoT sector for students to participate. He included the role of IoT in industry as well.



This webinar was organized for students to learn the latest trends and technologies in IoT. IoT club was formed for EnTC students to cope up with the latest lessons in IoT.

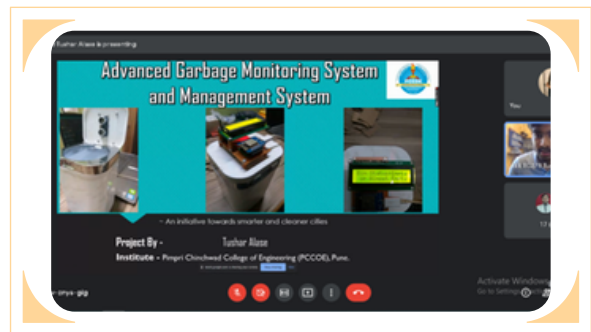


ETSA Events

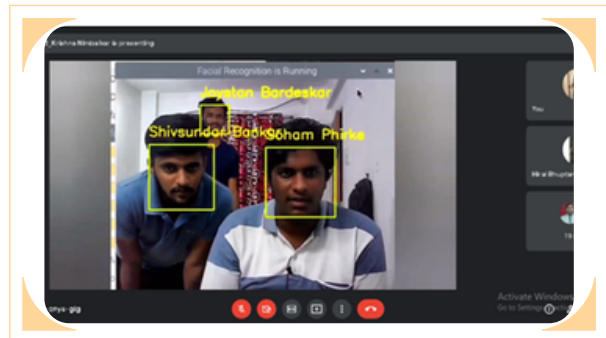
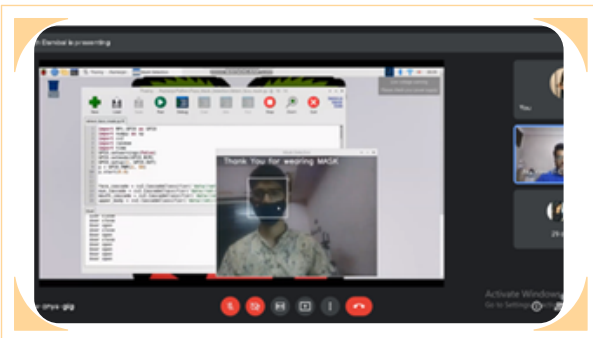
Idea Sparkle

9' October 2021

Department of Electronics and Telecommunication Engineering had organized Idea Sparkle in association with IETE-PCCoE student forum which was scheduled on 09th October 2021. Idea Sparkle is a competition where the Team has to present an idea, model, or Software (maybe a Website or APP).



It should including the problem, solution, and how it can be implemented. It provided an opportunity to participate and compete with each other.



The event was scheduled from 12PM to 2PM on 9th October 2021. A total of 11 teams (25 students) participated in the event. Event co-coordinators explained all the rules and instructions of the game to all participants and they were given time to present an Idea/Model/Software (maybe a Website or APP) including the problem, solution, and how it can be implemented.

ETSA Events

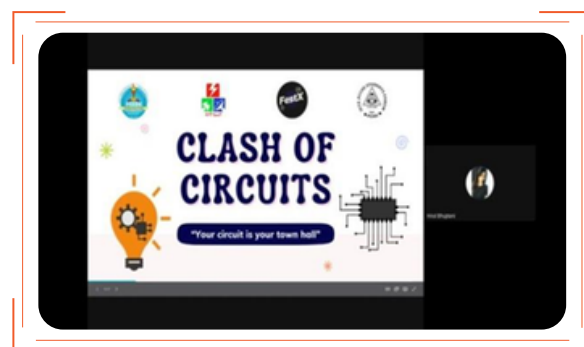
Winners of Idea Sparkle

Name	College	Prize
Jayateerth Dambal, Shreeraj Ghorpade, Tejas Chawan	DKTE Textile and Engineering Institute, Ichalkaranji	Rs.1500/-
Madhav Pujari, Sohel Shedbale, Pratik Shetti	Pimpri Chinchwad College of Engineering, Pune	Rs. 1500/-

Clash of Circuits

10' october 2021

Department of Electronics and Telecommunication Engineering had organized Clash of circuits in association with IETE - PCCoE student forum which was scheduled on 10th October, 2021. It was a one day competition.



Clash of circuits was an online circuit designing competition set out to find the ultimate 'Barbarian king of circuits'. Every participant will be provided with a scenario and will have to implement a circuit for tackling the given situation. This event was organized for students to showcase their skills and shine by harnessing their strengths, technical abilities and knowledge in a competitive environment.

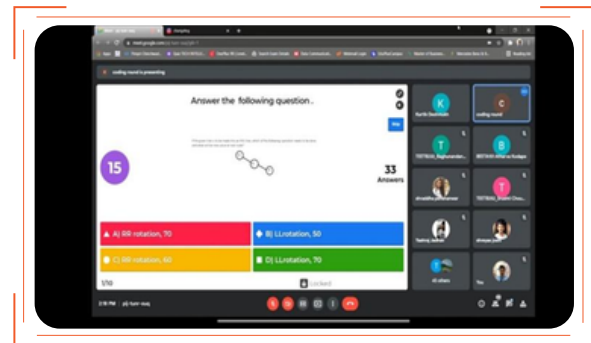
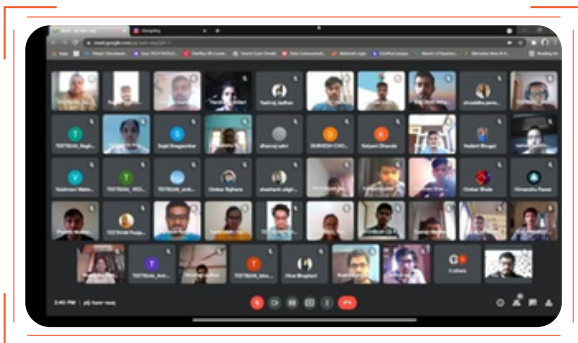
ETSA Events

Battle of Geeklords

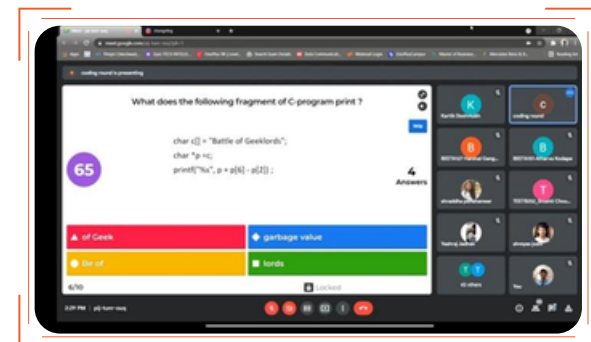
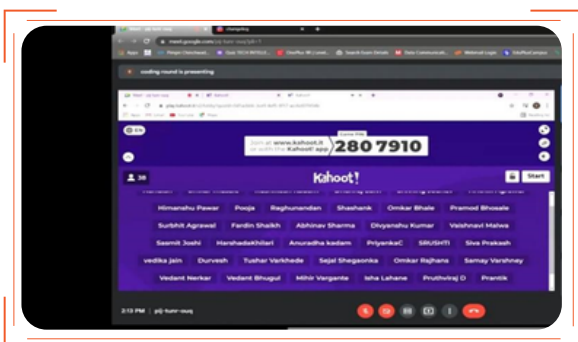
Round 1: 8 th October, 2021

Round 2: 10 th October, 2021

Department of Electronics and Telecommunication Engineering had organized a Coding Competition named “Battle of Geeklords” in association with IETE-Student Forum which was scheduled on 08th October, 2021.



“Battle of Geeklords” was an online coding competition conducted in Two Rounds. The Rounds consisted of MCQ based tricky questions as well as brain-storming coding problems which students had to crack in the allotted time. To provide students an opportunity to test their programming knowledge and logics. To provide a common platform for students of various colleges to compete against each other and get to know where they stand. No. of Participants for this event was 50 Students.



This online coding competition was conducted in two rounds. All the participants were thoroughly guided with the rules of the event by the event coordinators.

ETSA Events

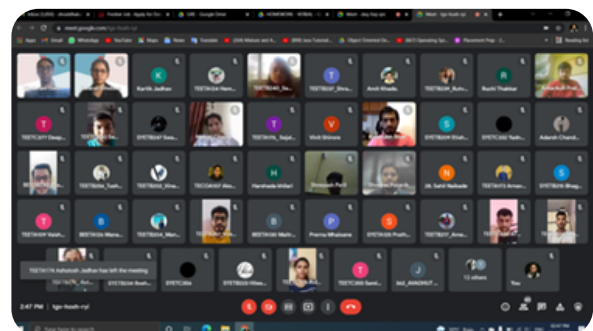
Winners of Battle of Geeklords

Rank Obtained	Name	College	Prize
1	Abhinav Sharma	IIT Kanpur	Rs. 1500/-
2	Divyanshu Kumar	NIT Silchar	Rs. 1200/-
3	Himanshu Mahesh Pawar	ABV-IITM Gwalior	Rs 1000/-

Masked Bandits

9th October 2021

Department of Electronics and Telecommunication Engineering had organized Masked Bandits in association with IETE-PCCoE student forum which was scheduled on 09th October 2021. It was virtual treasure hunt.



Here all registered participants will have to go through a quest of unlocking 6-password protected PDFs to get ultimate treasure. The objective of this event was to help students develop logical thinking and build team spirit.

ETSA Events

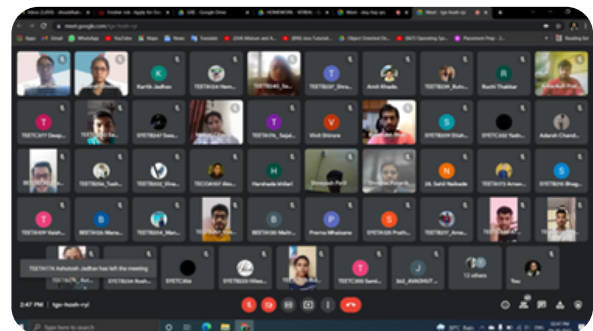
Winners of Battle of Geeklords



Masked Bandits

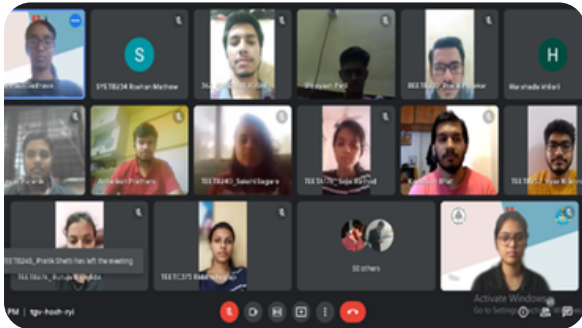
9th October 2021

Department of Electronics and Telecommunication Engineering had organized Masked Bandits in association with IETE-PCCoE student forum which was scheduled on 09th October 2021. It was a virtual treasure hunt.



Here all registered participants will have to go through a quest of unlocking 6-password protected PDFs to get ultimate treasure. The objective of this event was to help students develop logical thinking and build team spirit.

ETSA EVENTS



160 students have participated in this event. The event was scheduled from 3pm to 5pm on 9th October 2021. Around 160 students participated in the event. Event co-coordinators explained all the rules and instruction.

They circulated drive link of PDF with all the participants. Participants had given 90 minutes to unlock all the PDFs. One who cracked password of all PDFs in minimum time declared as a winner of the event.

Winner of Masked Bandits

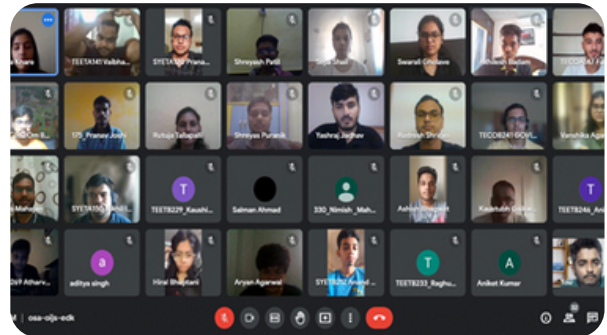
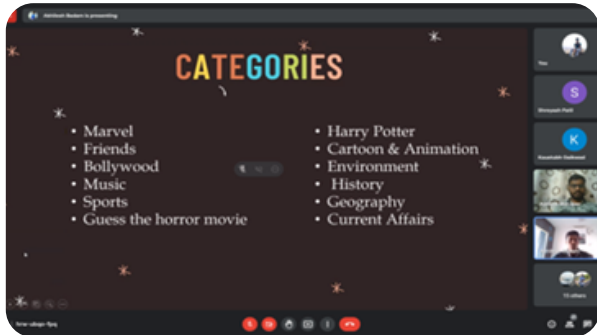
Name	College	Prize
Palak Ramesh Gupta	Pimpri Chinchwad college of Engineering	Rs. 1200/-

Quizomania

8th , 9th & 10th October 2021

Department of Electronics and Telecommunication Engineering had organized Quizomania (Online rapid fire quiz event) in association with IETE-PCCoE student forum which was scheduled on 8th ,9th & 10th October 2021. The objective of the event was to test general knowledge of the students

ETSA EVENTS



The event was conducted on kahoot which had a range of general knowledge questions which were answered by the participants in a 20 seconds time frame per question. The event had 3 rounds among which each was an elimination round. The difficulty of the questions kept increasing after every round.

Winners of Quizomania

Rank obtained	Name	College	Prize
1	Shreyas Shivaji Patil	Pimpri Chinchwad College of Engineering	Rs. 1200/-
2	Vanshika Vikas Agrawal	Cummins College of Engineering for women	Rs. 1000/-
3	Kaustubh Tukaram Gaikwad	Pimpri Chinchwad College of Engineering	Rs. 800/-



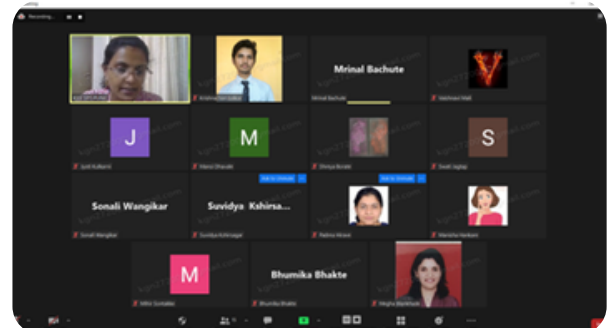
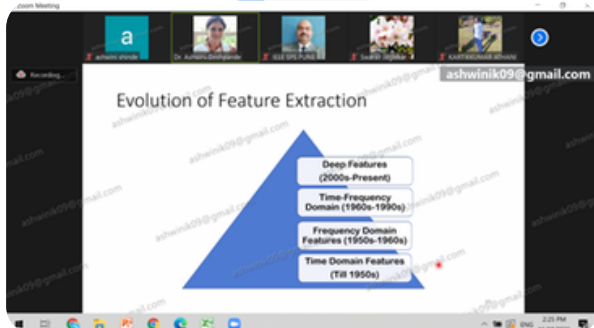
ETSA EVENTS

"Statistical Analysis for Audio & Biomedical Signal Processing"

17th Nov 2021

19th Nov. 2021

Department of Electronics and Telecommunication Engineering had organized Three days online workshop on "Statistical Analysis for Audio and Biomedical Signal Processing" in association with **IEEE Signal Processing Society, Pune Chapter**. This workshop is beneficial for interested faculty and U.G. / P.G./ PhD students working in audio and biomedical signal processing domain.: The total 32 participants (19 faculty members/PhD research scholar and 13 students) were benefited with the workshop.



Statistics is a branch of mathematics used to demonstrate research findings, support hypothesis, give credibility to research methodology and draw conclusions. It helps the researcher in understanding how to plan, conduct and evaluate the research. The workshop will detail the pre-processing methods, selection of statistical methodology, includes a selection of suitable measures or parameters, a selection of evaluation methodology and analysing data for drawing reliable conclusions by defining appropriate system models.



ABOUT US

ETSA- IETE is a students' forum for the students and by the students.

The association's main objectives are:

- To create a platform for students to plan, organize and execute various activities in the interest of student development.
 - It's an association of students for students and by students.
 - To promote the general welfare of the students; to encourage personal responsibility & loyalty.

Connect us on:



Cover photo credit: Kumar Gagre

