

## 1. EDIZONE 3.0

*IEEE Student Branch College of Engineering Karunagappally and IEEE PES SBC CEK organised the third edition of the hybrid PES Day Fest, EDIZONE 3.0, as part of the PES Day Celebrations 2022.*



IEEE Student Branch College of Engineering Karunagappally (IEEE SB CEK) in association with IEEE PES SBC CEK organised the third edition of EDIZONE, a hybrid fest with the theme of “Powering a Sustainable Future”, as part of the PES Day Celebrations 2022. The event aimed at the empowerment of students in the technical field. It was packed with various technical sessions, workshops and other competitions which would pave a way for the students to win exciting prizes.

The event was announced on the 22<sup>nd</sup> of April, 2022 and the pre registrations were started in the official website of Edizone. The event was scheduled from the 30<sup>th</sup> of April to the 8<sup>th</sup> of May 2022 which was then extended to the 10<sup>th</sup> of May for providing more of such sessions to the students which would be technically beneficial for them.

A total of 10 events were organized as part of Edizone 3.0 which included a variety of competitions, the results of which were published and the winners were awarded with cash prize. The events conducted as part of EDIZONE 3.0 are listed below:

1. Edizone 3.0 Inauguration
2. Session on Nuclear Power
3. Panel Discussion
4. Session on Electric Vehicles
5. Women in Power Track
6. Workshop on Introduction to Graphic Design
7. Quiz & Aptitude
8. Article Writing Competition
9. Logo Designing Competition
10. Idea Pitching Competition

## 2. Inauguration ceremony - Edizone 3.0

The inauguration marked the beginning of EDIZONE 3.0, scheduled on 30 April 2022, ceremony started at 10:00 AM (IST) in the presence of our Chief guest Mr. A V Sathish, Radiation Protection Officer, Koodamkulam Nuclear Power Plant. With around 50 participants, the event was Inaugurated and there began the PES Day Celebrations of IEEE PES SBC CEK.

The inauguration was scheduled on 10.00 am and started with the IEEE Code of Ethics which was delivered by Ms. Sidhi A S, Chair IEEE PES SBC CEK. It was followed by the Welcome Address by Prof. Haseena P Y, Counsellor IEEE SB CEK. The Presidential Address was delivered by Dr. Anilkumar C V, Principal College of Engineering Karunagappally. The presidential address was followed by a lamp lighting ceremony by our Chief Guest Mr. A V Sathish, which depicted the official inauguration of Edizone 3.0. Mr. A V Sathish then gave the inaugural address in which he mentioned about his childhood and that caught the attention of the participants. His experience as a Radiation Protection Officer too found a place in his speech. He made us clear on how we could 'Power a Sustainable Future', as said by the theme of the IEEE PES Day 2022. The attendees were keen to know more from him as they gave their full attention on him. After the inaugural address, Prof. Sabeena K, Advisor IEEE SB CEK and Dr. Raju M, Former Advisor IEEE SB CEK put forward the Felicitations. The ceremony was concluded with a Vote of Thanks by Mr. Mohammed Niyaz, Chair IAS SBC CEK.



The Inauguration Ceremony drew the curtain for the various sessions, workshops and competitions which they were going to witness the upcoming days. The event could also engage them more with the technical activities and also educate them in this field.

### **3. PES DAY 2022: SESSION ON NUCLEAR POWER**

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IEEE Student Branch College of Engineering Karunagappally in association with IEEE PES SBC CEK organised a session on 'Nuclear Power' as part of Edizone 3.0, the third edition of our hybrid PES Fest on the 30<sup>th</sup> of April 2022 as part of the PES Day 2022 Celebrations.

The Session on Nuclear Power was handled by Mr. A V Sathish, Radiation Protection Officer, Koodamkulam Nuclear Power Plant, on the 30<sup>th</sup> of April 2022 from 11 AM IST to 12 PM IST. The session covered the basic principles and disciplines in the field of Nuclear Power including the myths and disbeliefs about it. He has very well explained about how the people in rural area find the nuclear power plant as a curse to their society. Through his captivating presentation slides, he actually took us to the interior of the power plant and made us clear about how nature friendly it is. The session was very interesting as our speaker Mr. A V Sathish handled it very well with his extraordinary way of presentation and he succeeded in capturing the attention of the attendees with his expressive gestures. The way he explained the concept was very interesting and all the participants were so into the session. The session helped them to learn new concepts, and to understand already known facts in a deeper level.

He concluded the session by showing some photographs of variety of butterflies surrounding the premises of the nuclear power plant. Through those pictures Sir has made it clear that even the most sensitive insect can survive in those so-called radioactive places, then why can't humans? After the session, the participants were so thankful to us for providing them with a wonderful session and an excellent speaker. All the feedbacks were positive which made us, the organizers to organize more such events.

#### **4. PANEL DISCUSSION**

*IEEE Student Branch College of Engineering Karunagappally and IEEE PES SBC CEK organised the third edition of the hybrid PES Day Fest, EDIZONE 3.0, as part of the PES Day Celebrations 2022.*



IEEE Student Branch College of Engineering Karunagappally (IEEE SB CEK) and the IEEE PES SBC CEK, organized an offline panel discussion as part of the hybrid PES Day Fest, EDIZONE 3.0, on the 30th of April 2022, on the topic “How has technology made jobs easier”. The session was dazzled by the presence of Mr. Hari Prasad, Entrepreneurship & Student Conferences, IEEE PES Kerala Chapter, Mr. Akshay Krishnan Student Activities Committee IEEE PES Kerala Chapter and Mr. Anish M S IEEE PES Day R8 (Europe) Lead.

The session started at 2:00 pm IST. The moderator for the discussion was Mr. Mohammed Niyaz, Chair IAS SBC CEK. The discussion was so interesting and informative as it had all the points apt for the topic. For every question asked the panellists gave a clear-cut answer stating how important is technology in real life. They guided the students with the various opportunities awaiting them after their graduation and also made them clear with the scope of engineering. They also advised them to think wise and choose the correct path after graduation.

The last 5 minutes of the discussion was put aside for clearing the queries of the students. In the doubt clearing session the panellists explained about the transition stage from a student to a professional. It was indeed a remarkable session with over 50 attendees which almost lasted for 1.5 hours.

## 5. Session on Electric Vehicles

*IEEE Student Branch College of Engineering Karunagappally and IEEE PES SBC CEK organised the third edition of the hybrid PES Day Fest, EDIZONE 3.0, as part of the PES Day Celebrations 2022.*



As part of EDIZONE 3.0, Hybrid PES Day Fest, organized by IEEE Student Branch College of Engineering Karunagappally in association with the IEEE PES SBC CEK as part of the PES Day Celebrations 2022, conducted a session on the ‘Real Time Simulation needed for EV Design, Complexity Modeling methods and approaches’, handled by Mr. Ajeesh A, Scientist E/Joint Director in Power electronics Group of CDAC Trivandrum. The session was on the 7<sup>th</sup> of May 2022 from 9.30 am to 12.30 pm IST at the ASAP Room, College of Engineering Karunagappally.

As the world unveil plans to end the sale of gasoline and diesel vehicles, it won’t be too long until electric vehicles are the mainstay of both public and private transportation. EVs drive electrification, ensuring that this energy coming from renewable sources will take us another step closer to slashing power sector CO2 emissions and ensuring a more sustainable future. Thus, a session connecting the PES Day theme and electric vehicles were very essential.



The session was very informative as Mr. Ajeesh shared every basic bit of details regarding the topic. The participants were given the idea of real time simulations. He also pointed out that like everything in the world, EV too have practical difficulties and with the use of EV, things may not go smooth as said. The session really helped the final year students who have their projects related to the topic as Mr. Ajeesh succeeded to clear every basic doubt they had. With his interesting way of lectures, he really attracted each attendee, with the idea Electric Vehicles.

## **6. PES DAY 2022: Women in Power Track**

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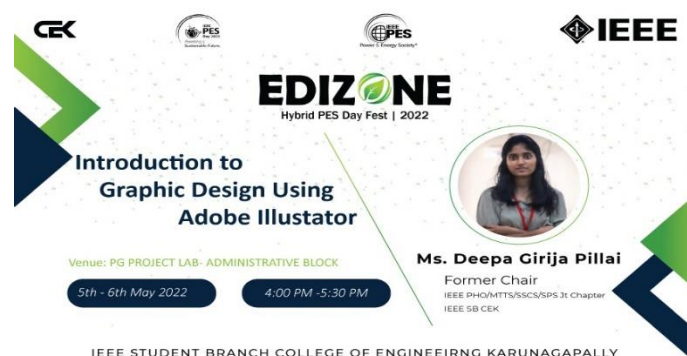
IEEE Student Branch College of Engineering Karunagappally in association with the IEEE PES Student Branch Chapter College of Engineering Karunagappally organized a Women in Power Track on the 7<sup>th</sup> of May 2022, from 7 PM, as part of Edizone 3.0. The session was fully virtual and was handled by Ms. Staji Wilson, System Engineer, Tata Consultancy Services.

Girls and women are facing significant challenges all around the world. Women are typically underrepresented in power and decision-making roles, while some progress is being made in various parts of the world there is a great deal left to be done. By organizing such an event we aimed at the empowerment and equality of women in the field of Power and Energy. The speaker shared the views on having the Women in Power Society in the organisation which totally aimed at the involvement of women in advancing technologies. Her experiences as a 'Women in Power' were shared along with benefits of being a part in it.

The event as a whole influenced many aspiring minds as it took them through an amazing ride with a strong woman in the power and energy field. With over 40 participants the event was actually a great success.

## **7. Workshop on "Introduction to Graphic design using Adobe Illustrator"**

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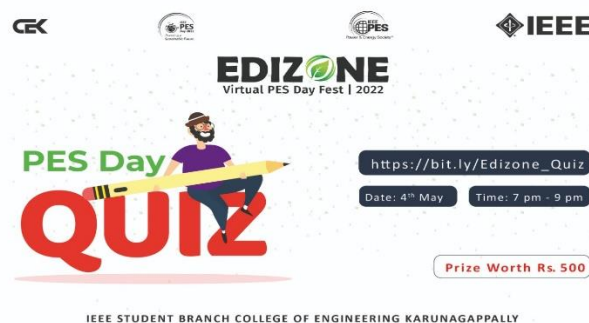
As part of EDIZONE 3.0, IEEE SB CEK in association with IEEE PES SBC CEK conducted a workshop on "Introduction to Graphic Design using Adobe Illustrator" which was exclusively for students of the College of Engineering Karunagappally. The workshop was handled by Ms Deepa Girija Pillai, Former Chair, IEEE PHO/MTTS/SSCS/SPS Jt Chapter, IEEE SB CEK. It was a 2-day workshop which made its start on the 5<sup>th</sup> of May 2022 and marked its end on the 6<sup>th</sup> of May 2022 from 4:00 pm to 5:30 pm (IST). It was a useful session for all the students who were interested in the field of designing. The participants showed their full interest in listening to the session and in doing the hands on as the mentor had explained every basic element of designing and also made them familiar with the adobe illustrator.

At the beginning the speaker gave a brief introduction about designing and then moved on to the hands-on session. She also managed to give them small tasks in between the mentoring sessions which made the workshop session more interesting. While concluding the session she also mentioned about end task to be done by the attendees which could help them implement what they have learned all the 2 days. Ms. Deepa also advised them with the scope of designers. The session was equally informative and interactive and the feedback given by the students were enormous.



## **8. PES DAY 2022: Quiz & Aptitude**

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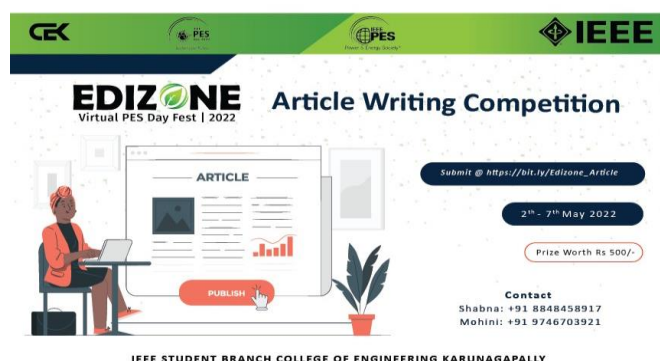
IEEE Student Branch College of Engineering Karunagappally (IEEE SB CEK), in association with the PES Student Branch Chapter College of Engineering Karunagappally has organized an online

Quiz + Aptitude Competition as part of the PES Day Hybrid Technical Fest, Edizone 3.0. The competition link was available on our website for 2 hours of the day 4th May 2022.

Sustainable future has to be prioritized and insured while proposing or implementing energy planning and development globally. The competition was organized on the theme of IEEE PES Day 2022, "Powering a Sustainable Future". With 10 questions from different fields of Energy sectors and 10 interesting aptitude questions, the competition witnessed a lot of participants from all over Kerala Section. For the 5 students who entered to the final stage, we conducted another quiz for deciding the winners. By organizing such an event the participants were encouraged to study and get acquainted with general fields in Power and Energy Sectors. A cash prize of a total of 500 INR was awarded to the winners, Faud Shamsudeen A and Praveena K P, College of Engineering Karunagappally.

## **9. PES DAY 2022: Article Writing Competition**

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As part of PES Day 2022, the IEEE PES SBC CEK held an article writing competition under EDIZONE 3.0, on the topic "Sustainable development". The subject was timely and vital. Students got an opportunity to express their ideas through writing. Registration and submissions were open at our website from May 2nd to May 7th.

The articles were assessed by a team of expert evaluators. During the assessment, they looked at the article's creativity, writing skills, and organisation. A total of twenty five students have signed up for the article writing competition from which the best was selected for the prize money. Plagiarism was not tolerated, and those who did so were disqualified. The winner, Reshma B, Mohandas Institute of Management, was awarded with a prize money of 500 INR and all other competitors were given the E certificate.

## **10. PES DAY 2022: Logo Designing Competition**

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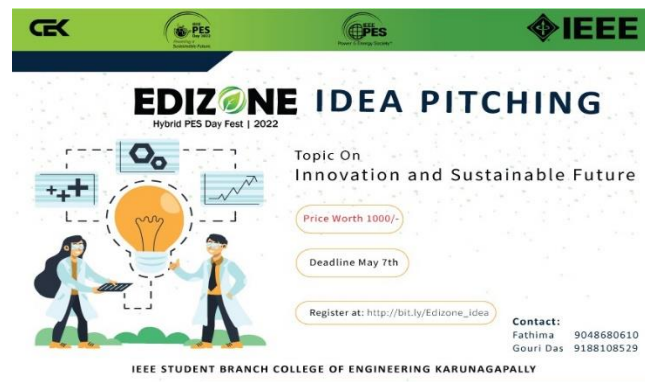




As part of the PES Day Celebrations 2022, IEEE PES SBS CEK held a logo design competition under EDIZONE 3.0. The primary purpose of this project was to allow students to demonstrate their creativity by designing a logo. Students were able to demonstrate their ingenuity and design attractive logos on the theme of renewable energy as a result of this competition. The logo design competition has attracted a total of 30 competitors. Submissions were accepted from 2<sup>nd</sup> of May to the 7<sup>th</sup> of May. The logos were graded and assessed by an Expert Group of Evaluators. The winner, Jerin Joseph, College of Engineering Kidangoor was awarded with a prize money of 800 INR and all other contestants received an e-certificate.

## **11.PES DAY 2022: Idea Pitching Competition.**

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IEEE Student Branch College of Engineering Karunagappally in association with the IEEE PES Student Branch Chapter CEK, organized an Idea Pitching Competition as part of the PES Day Hybrid Technical Fest, Edizone 3.0. The competition link was available from 2<sup>nd</sup> of May to the 7<sup>th</sup> of May 2022 on the official website of Edizone 3.0.

With any topic Portraying the concept of Innovations for a sustainable future, the registrants can make a presentation with their ideas. The contest was open to all graduates and undergraduate student from all streams. The participants could take part in the competition in a group of 2 or 3 members and also, they were asked to submit their idea in the mode of slides or video presentation. The winner, Mr. Vignesh T R, College of Engineering Karunagappally was awarded with a cash prize of 1000 INR. The competition witnessed participants from all over the Kerala Section. There were fifteen amazing

teams showcasing their ideas. It was successful in brainstorming young minds to deliver their ideas on the theme using the skills within themselves.

## **12.ENVIRONMENT DAY 2022**

World Environment Day is celebrated every year on the 5th of June to raise global awareness, and to take positive environmental action to protect the nature and our Earth. As part of World Environment Day, 2022 IEEE PES SBC CEK joined hands with IEEE PES Kerala Chapter in their Environment Week celebration and conducted an event on the 17th of June 2022 by taking the Environment Day oath and planted some saplings on the premises of College of Engineering Karunagappally.

The event was flagged off by planting some saplings on our campus as part of promoting clean and safe Nature. The main purpose of the celebration was to spread awareness about the need to protect the environment. Mr Alistair Clitus Chair, IEEE SB CEK conveyed the theme of Environment Day 2022 and put forward his point of view about the importance of having such celebrations that would protect the environment and preserve it for the future. It was then followed by an oath taking ceremony which was delivered by Ms Sidhi A S, Chair IEEE PES SBC CEK, to the members of the IEEE PES SBC CEK.

The theme of the World Environment Day 2022 is 'Only One Earth'. The idea of the theme focused on the unity of the world in creating an atmosphere conducive to peace, harmony, prosperity, and health by saving nature and life. It also guided everyone to create and adopt a lifestyle that should be pollution-free. By conducting such an event we were able to create a positive impact on the students on how they could help saving the Earth and how it is going to benefit the existing and future generations.

It was a perfect opportunity to make the students aware of the issues that our nature is facing and guided them to contribute their ideas in saving our planet Earth. The day served as a reminder to protect all the resources of nature from land to oceans and conserve them all for a better future.



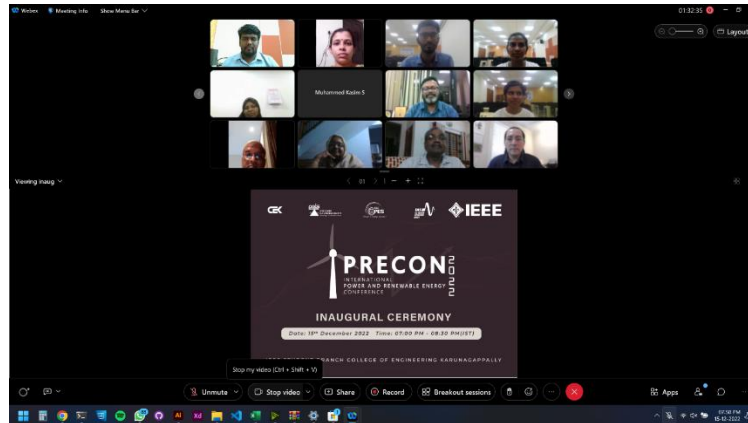
### **13.IPRECON 2022**

2022 IEEE International Power and Renewable Energy Conference (IPRECON) - 3rd edition of India's first & only IEEE IAS Club of 6 Technical Paper Conference organised by IEEE Student Branch College of Engineering Karunagappally (IEEE SB CEK) and technically sponsored by IEEE Power and Energy Society, IEEE Industry Applications Society and IEEE Power Electronics Society was held from 16th to 18th December 2022. The conference was attended by a large number of experts and scholars especially in the field of electrical and computer science and was held in hybrid mode. The conference covered a wide range of topics and was a platform for presenting the latest research and advancements in the field.

The inauguration of the 2022 IEEE International Power and Renewable Energy Conference was held on the 15th of December 2022 in online mode. The conference also consisted of keynote sessions, student professional awareness tracks and mentoring sessions. A total of 165 quality papers from various fields were accepted for presentation from among a total of 311 papers received and 122 papers were presented at the time of the conference. These papers covered a diverse range of topics and were carefully selected for their contribution to the field and the quality of their research.

The keynote sessions were particularly noteworthy and provided attendees with a deep dive into some of the most pressing issues facing the field. These sessions included insightful talks from leading experts and were well received by the audience.

Overall, the conference was a huge success and provided a valuable opportunity for researchers and practitioners to come together, share their knowledge and ideas, and collaborate on new projects. The conference provided a platform for attendees to learn about the latest advancements in the field and to engage in meaningful discussions with other experts in the field. The conference was well-organized and provided attendees with a wealth of information and insights that will help to advance the field.



## **14.SPAA TRACK – IPRECON 2022**

As part of the 2022 International Power and Renewable Energy Conference – IPRECON 2022, IEEE Student Branch College of Engineering Karunagappally organized a Student Professional Awareness Track on the 16<sup>th</sup>, 17<sup>th</sup> and 18<sup>th</sup> of December 2022, which aimed at the upliftment of the student members in all aspects of career paths by giving them training and guidance to balance the bridge between student professional stage. It also reflects how IEEE has helped other young student members in conquering new heights and endeavouring new career avenues. In this track the speakers shared their life experience to make the students aware about the life of being a professional.

### **"Project to Product: How to transition from an AI project to a large-scale product."**

The first session of the Student Professional Awareness Track was on “Project to Product: How to transition from an AI project to a large-scale product”, an interactive session handled by Mr. Hari Prasad, Co-founder and CEO Zellab Dynamics. Being a young professional and an AI aspirant, the speaker was able to share his experience and knowledge with the student attendees which helped them to have a clear view about the same. The session was held on the 16<sup>th</sup> of December 2022 from 6 PM to 7 PM IST with over 50 student attendees and many professionals.

In the session the speaker included all possible sections which would come under the topic Project to Product with an AI scenario. Beginning with the AI Project lifecycle to the end by citing examples of some successful project to product transitions, Mr. Hari was able to motivate the student members in coming up with some astonishing ideas.

The session on a whole was inspiring and motivating as it gave a whole idea about how to make their project idea into an amazing product. The session was successful and received many positive feedbacks from its attendees.

## **My Project Stories**

A Student Professional Awareness Track titled **“My Project Stories”**, was held on the 17th December 2022, the second day of International Power and Renewable Energy Conference, IPRECON 2022, from 6:00 pm to 7:00 pm IST.

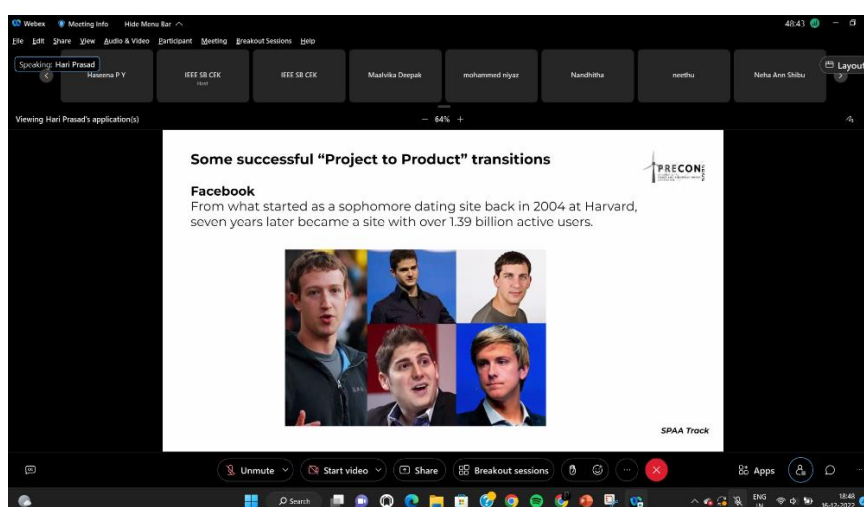
It was a successful event, with a good turnout for the talk by Mr. Shyam Pradeep Alil, Co-Founder & CTO, TutAR Infusory was well attended. The event was attended by more than 40 attendees and they were satisfied with the session. Throughout the session the speaker was able to present his projects which benefited mankind, with each and every attendee. His life journey was indeed a motivation to everyone. The attendees had the opportunity to ask questions and clear their doubts during the Q&A session. It's important for people to have the opportunity to ask questions and get clarification on things that they don't understand, as it can help them learn and retain information better.

Overall , the Student Professional Awareness Track was a success, with attendees gaining valuable insights on his experience sharing.

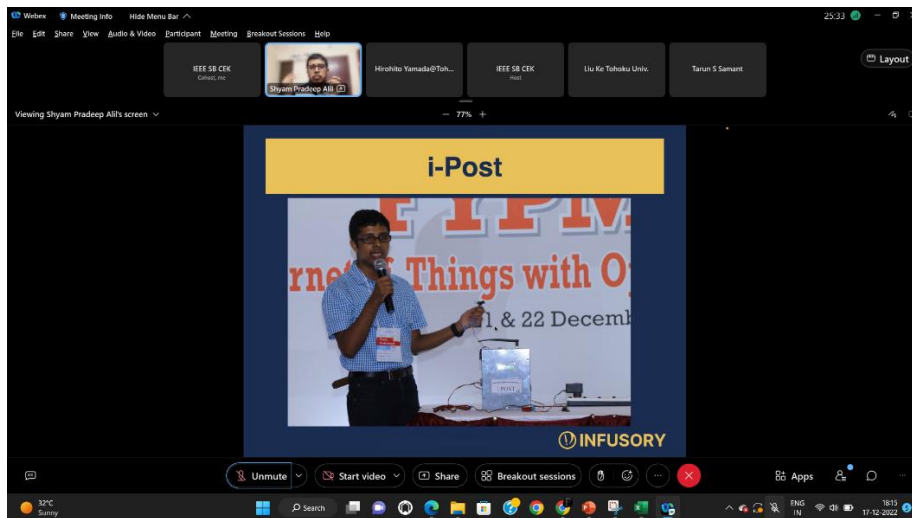
## How to Write Effective Research Papers?

The third Student Professional Awareness Track of the 2022 International Power and Renewable Energy Conference (IPRECON) was on **"How to Write Effective Research Papers?"** from 6:00 p.m. to 7:00 p.m. on December 18, 2022. The session was handled by Mr K R Satyajit, the Senior Consultant at Aarshi Edtech Platform A4Con Services Pvt Ltd. The session was conducted via the Webex platform and was attended by approximately 45 students. The session began promptly at 6:00 PM. The session focused on providing students with tips and strategies for writing effective research papers. Mr Satyajit, a seasoned professional with experience in the field of research and education, shared his insights and expertise with the attendees, helping them to understand the key elements of a successful research paper and how to approach the writing process. The session was well-received by the students, with many of them finding the information and advice provided by Mr Satyajit to be valuable and practical. As a whole, the session on "How to Write Effective Research Papers?" was a successful and informative event, providing students with valuable insights and skills that will help them to succeed in their academic and professional endeavours.

## Event Photographs







## **15. Powering the Volunteers**

The IEEE PES SBC CEK held its annual award ceremony on December 23<sup>rd</sup>, 2022, starting at 4.30PM. The awards ceremony recognized and honored the efforts of student volunteers and coordinators who have made a significant contribution to the IEEE PES.

The inauguration ceremony provided an opportunity to reflect on the SBC's accomplishments over the past year and set the tone for the awards ceremony. The welcome address by Prof. Haseena PY provided a warm and welcoming atmosphere, and the 2022 Activities Report by Sidhi A S gave an overview of the events and activities that took place throughout the year. The prize distribution, conducted by Prof. Haseena P Y, was a highlight of the ceremony, and the Thank You note by Shabna S closed the ceremony on a positive note, acknowledging the hard work and contributions of the student volunteers and coordinators.

The awards given at the ceremony were the Best PES Student Volunteer Award, Best Event Coordinator from 1st year, 2nd year, and 3rd year, Best WiP Volunteer, Best Technical Coordinator, and Best Event Organizer. These awards were selected by an elected panel, under the guidance of Prof Haseena P Y, Prof Sabeena, and the mentors of the IEEE Student Branch College of Engineering Karunagappally. The ceremony provided an opportunity for the volunteers to come together, celebrate their accomplishments, and recognize the hard work and dedication of the student volunteers and coordinators.

By recognizing and honoring the efforts of these individuals, we were able to encourage students to continue to be involved in the IEEE and IEEE PES volunteering work and events, promoting a positive.



## **16.Tech to the Roots**

The IEEE Student Branch College of Engineering Karunagappally in association with PES SBC CEK, RAS SBC CEK and CS SBC CEK conducted a one-day workshop at the Government Girls Higher Secondary School Thazhava on 28th October 2022, named ‘Tech to the Roots’ – a STEM-Ed programme. The workshop was aimed at providing technical knowledge to students of classes 9th and 10th and was part of an effort to encourage students to develop their skills and knowledge at an early age.

The workshop was led by Alister Clietus, Chair of IEEE SB CEK, Muhammed Ashiq, Treasurer of IEEE SB CEK, and Gokul K, Volunteer, IEEE SB CEK. The first session introduced the students to programming, followed by an introduction to Python and the basics of the language. After the theoretical classes, students were given practical sessions that included tasks such as adding two numbers and printing prime numbers using Python.

There were a total of three sessions, and at the end of each session, students participated in questionnaires and small competitions. The students who performed well were awarded cash prizes and other gifts. The best-performing students were also invited to the college to continue their education and be a part of ongoing BTech student projects. This workshop was a great opportunity for students to learn about programming and its practical applications. The hands-on approach to learning, combined with the questionnaires and competitions, kept the students engaged and motivated. By providing students with technical knowledge and skills, the IEEE Student Branch College of Engineering Karunagappally is making a positive impact on the future of these young students.

In addition to the efforts of the IEEE Student Branch College of Engineering Karunagappally, the workshop was also supported by the Principal and Teachers of the Government Girls Higher Secondary School Thazhava. They encouraged the continuation of such classes and the development of skilled students in the future. Their support highlights the importance of technical education and the role that workshops like this can play in helping students to develop their skills and knowledge.

The positive response from the students, teachers, and principal is a testament to the impact that the workshop had on the school community. The workshops and classes provided a valuable learning experience for students, helping them to build a foundation in programming and technical skills. The

support and encouragement from the school leadership will no doubt contribute to the continued success of similar workshops in the future



## **17.IEEE PES : An Overview**

IEEE PES SBC CEK organized a talk session 'IEEE PES : An Overview' on the 11<sup>th</sup> of November 2022, from 4.00PM, with the past and present leaders of the SBC which aimed at giving an overview of IEEE PES and IEEE PES SBC CEK. The event was organized with the goal of retaining current IEEE members and attracting new members to join the organization. The speakers of the session were Mr. Hari Prasad, Mentor IEEE PES SBC CEK, Ms. Riya Elizabeth, Former Chair IEEE PES SBC CEK and Ms. Sidhi A S, Chair IEEE PES SBC CEK.

The event was planned to provide an opportunity for members to connect with each other, participate in interactive sessions, and learn about the benefits and opportunities offered by IEEE PES. The event was attended by IEEE members, including both current and prospective members. There was also a significant number of non-member attendees who showed interest in joining IEEE and PES.

The speakers shared their volunteering experiences with PES and how it helped them achieve their goals. They interacted with the students very well and made them clear about the networking opportunities that IEEE is providing. The speakers indeed had their own success stories in their volunteering life to share with the members. They shared their experience when PES has offered them travel grants to attend training and other conferences which fascinated the participants.

The event was a great opportunity for members to connect with each other, learn about the benefits and opportunities offered by IEEE PES, and contribute to the growth and success of the organization. The event was well received by attendees and provided valuable insights into the importance of IEEE and IEEE PES membership. It is hoped that this event will inspire similar initiatives in the future, and continue to support the growth and success of IEEE PES.



## **18.Benefits of YP**

IEEE Student Branch College of Engineering Karunagapally in collaboration with the IEEE PES SBC CEK organised a session on the topic "Benefits of YP". The event took place on August 25, 2022, from 7:00 pm to 8:00 pm IST. And the session was primarily attended by IEEE members in their third and fourth years. 40 students in total attended the session. The session was handled by Mr. Akshay Krishnan, Student Activities Coordinator, IEEE PES Kerala Chapter.

He related his fantastic experiences after becoming YP at the start of the session. Then he explained about the benefits of being a young professional. He also mentioned about how IEEE membership provides young professionals with opportunities to connect with other professionals in their field and engage in discussions about the latest industry trends and advancements.

Mr. Akshay concluded by saying that whether you are just starting out or are well into your career, the IEEE can help you achieve your professional goals and make a positive impact in your field. At the end of the session participants got a clear Knowledge about YP and further advantages of YP. Finally, they can receive an explanation of why membership should be kept.

## **19.ORIENTATION**

The IEEE Student branch College of Engineering Karunagapally in association with the IEEE PES SBC CEK conducted an Orientation program for the new students on 25th October to 27th of October 2022. The main purpose of the event was to inform the newcomers about the IEEE organization and the advantages of joining it.

During orientation, students learned about all the advantages and technical assistance that IEEE offers to its members. The different resources that were made known to them, such as IEEE Xplore, IEEE Collabratec, and the other IEEE domains, were discussed with them. The pupil discovered how to use these resources to increase their knowledge and proficiency. The orientation included numerous seminars, talk sessions, and other events that enabled students learn more about IEEE and its

operations. The branch members were accessible to address any concerns the students had, and they encouraged the youngsters to share their thoughts and questions.

Every class was interspersed by workshops, such as ones on soldering, circuit design, Python and the fundamentals of programming. The interactive workshops gave the students real-world experience and a deeper comprehension of the subjects under discussion. The orientation concluded with a variety of gifts being given to the students who had excelled in the workshops and sessions. The students were inspired to engage fully and to stay involved with the IEEE Student Branch as a result. The IEEE orientation program held at the College of Engineering in Karunagappally was a huge success, to put it simply. The many seminars and brainstorming sessions gave the students actual experience while also introducing them to the advantages and technical support that IEEE offers. The occasion inspired the students to engage with the IEEE Student Branch more and to keep learning and growing in the field of electrical and electronics engineering.