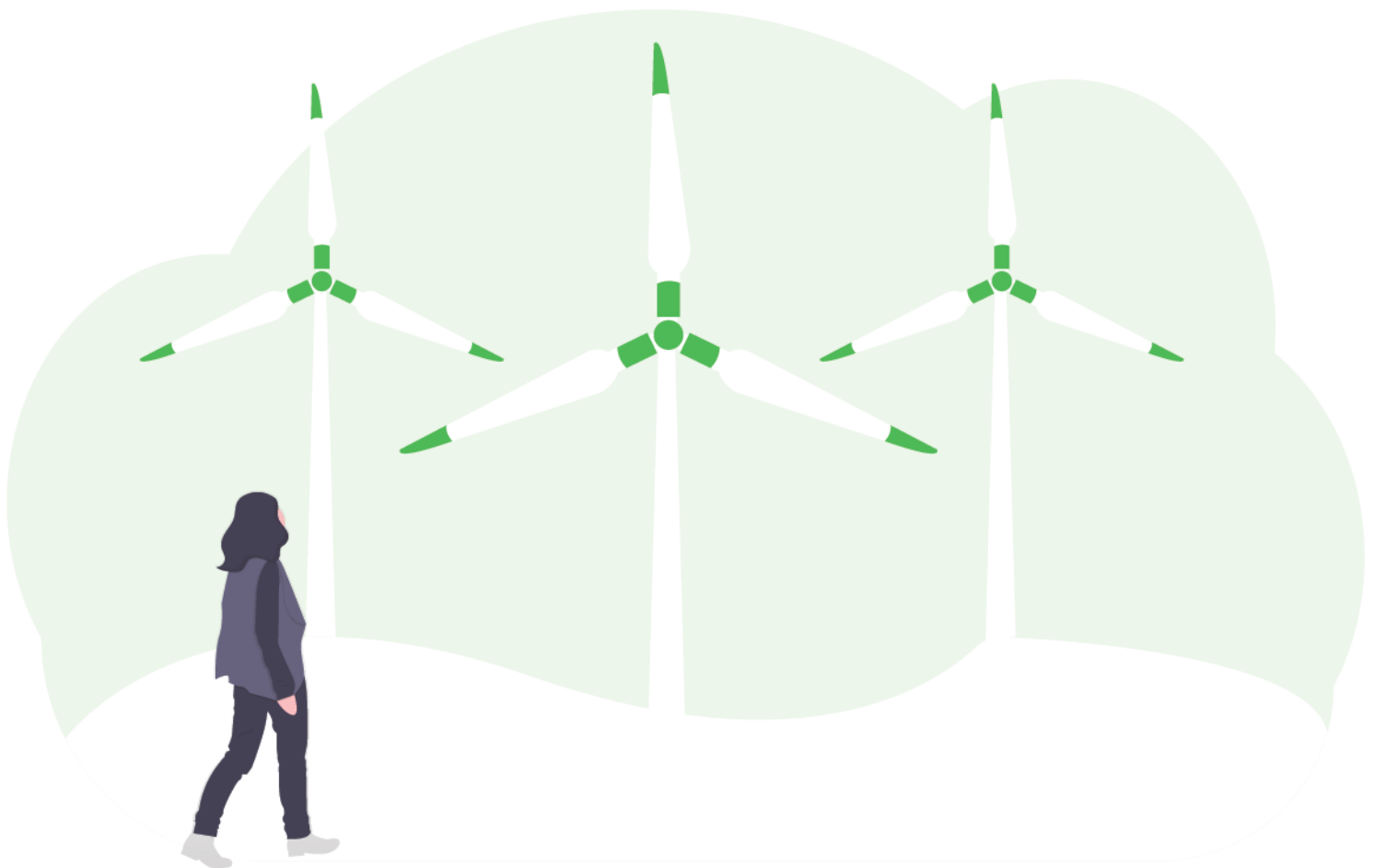


2019

ANNUAL REPORT

IEEE PES STUDENT BRANCH CHAPTER
COLLEGE OF ENGINEERING KARUNAGAPPALLY



pes.ieeesbcek.org

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IEEE PES SBC CEK Execom 2019



Er. Haseena P. Y.
Advisor IEEE PES SBC CEK



Hari Prasad
Chair IEEE PES SBC CEK



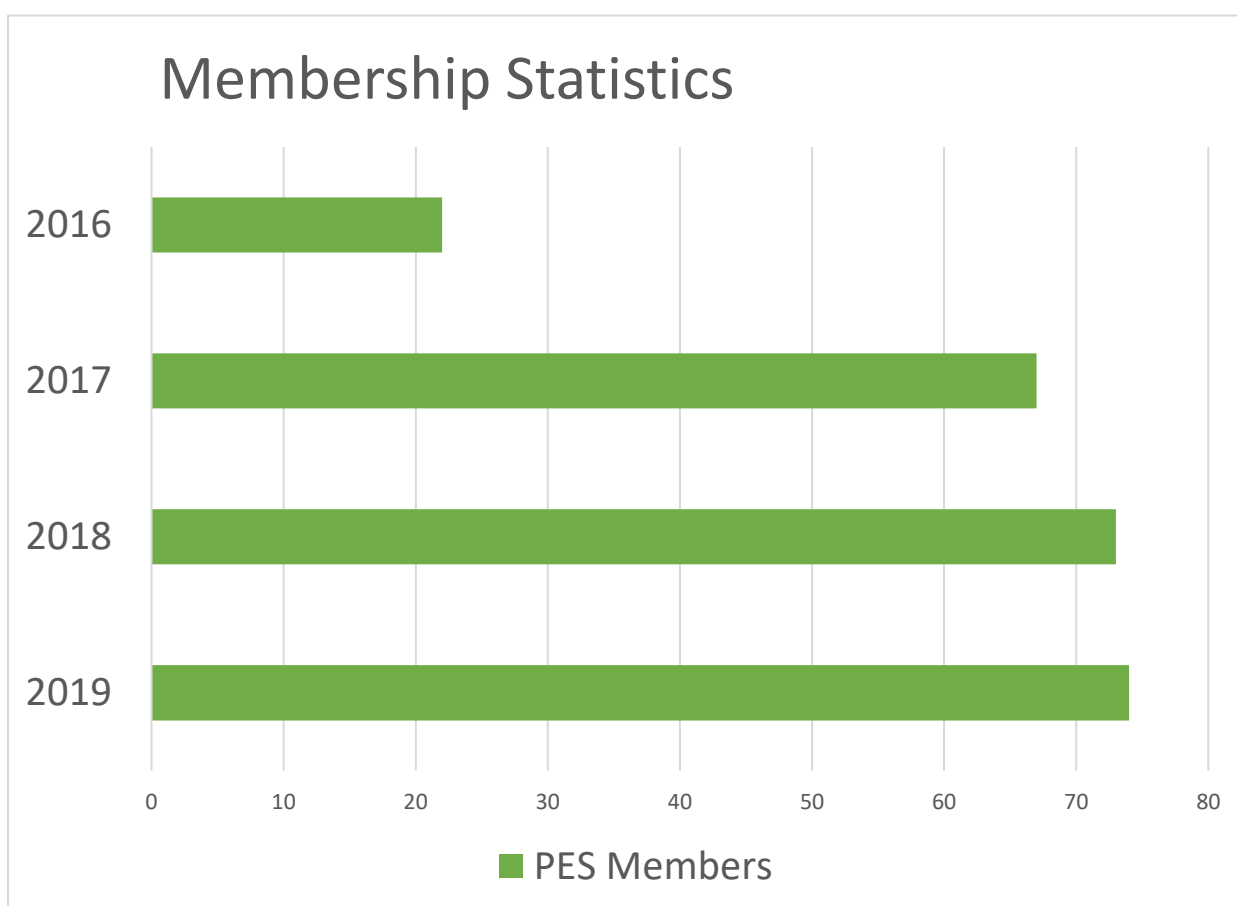
Riya Elizabeth
Vice Chair IEEE PES SBC CEK



Archa Sudhi
Secretary IEEE PES SBC CEK

Execom and Membership Statistics 2019

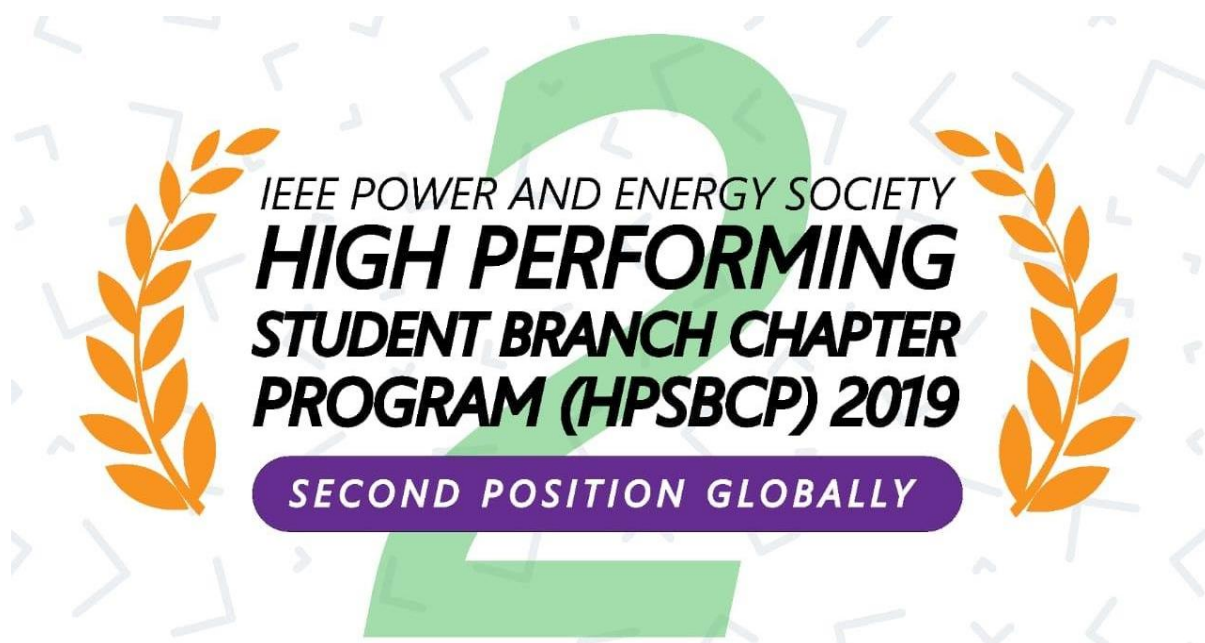
Position	Office Bearer
Chapter Advisor	Er. Haseena P.Y.
Chair	Hari Prasad
Vice Chair	Riya Elizabeth
Secretary	Archa Sudhi
Chapter Mentor	Er. Anandhu S Kumar

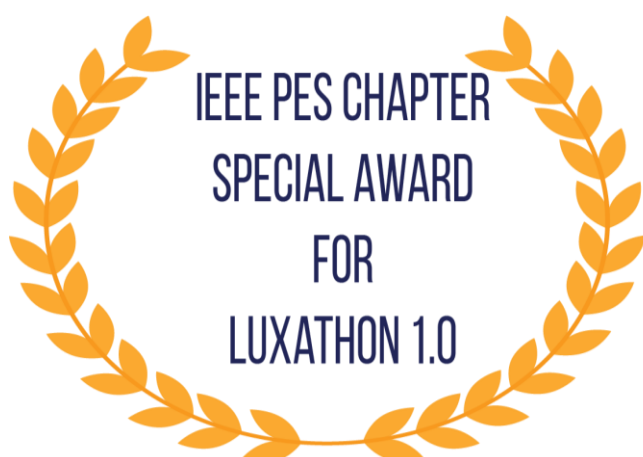
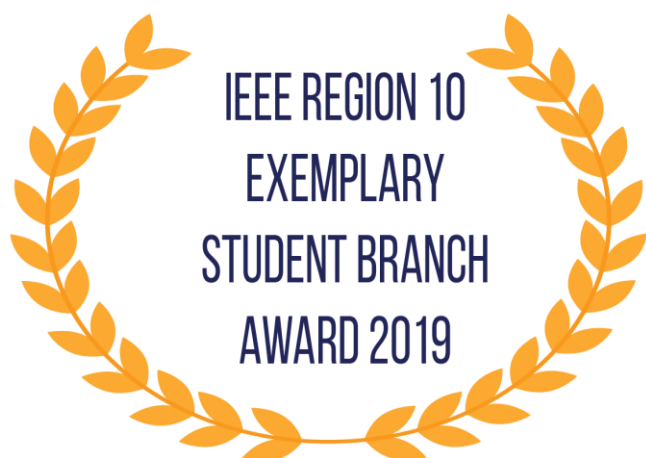


Total PES members 2019: **74**

Achievements 2019

- IEEE Region Exemplary Student Branch Award 2019.
- High Performance Student Branch Chapter Program 2019 – 2nd Position Globally
- 1300 USD awarded for 2 PES MDI proposals in 2019 by PES HQ
- Travel Grant for two PES Members to attend WIE ILS 2019 Beijing, China.
- Travel Grant for one PES Member to attend IAS Annual Meeting at Baltimore, USA.
- IEEE PES Kerala Chapter Outstanding Student Branch Chapter Award (bronze).
- IEEE PES Kerala Chapter special ward for Luxathon 1.0
- IEEE PES SBC CEK chairman awarded with a travel grant to attend TPEC 2020 at Texas, USA.
- Luxation 1.0 won the IEEE MGA Darrel Chong Award 2019 in Gold Category





About us

WHO WE ARE

The IEEE PES SBC CEK forms the hub of a vibrant technical community of more than 70 student members dedicated to transforming breakthroughs. Technical workshops, Continuous development programs, Expert lectures from the field of Power and Energy to revolutionize our daily lives and build a better community.

WHAT WE DO

As a small engineering college in the state of Kerala, India. We are mainly focusing on maximum benefits to our student members by conducting regular programmes under IEEE POWER AND ENERGY Society Branch Chapter of College of Engineering Karunagappally which include Workshop, Expert talks, continuous development programs etc.

COLLEGE OF ENGINEERING KARUNAGAPPALLY

The Government college of engineering Karunagappally (CEK) is a public institute of engineering and technology in Karunagappally, in the north west of Kollam district, Kerala, India. Established in 1999 by the Government of Kerala, it is the second engineering college the fourth engineering college under the aegis of the state government's institute of Human Resource and Development in Electronics. The institute was affiliated to Cochin university of science and technology until 2014 and the A P J Abdul Kalam Technological University since 2015. The college offers four undergraduate program and 2 postgraduate programs in the field of engineering and technology. Since 2012 it has been aided by the world bank under the government of India's TEQIP Program.

IEEE Student Branch CEK

IEEE Student Branch College of engineering Karungappally (STB03951) aka IEEE SB CEK is one of the oldest IEEE student branch in Kerala section, Travancore hub (formally hub no. 1). It is one of the vibrant student branch with more than 100+ student members.

Today IEEE SB CEK has one affinity group and five societies

- IEEE WIE College of Engineering Karunagappally (founded on 2010)
- IEEE Computer Society Chapter CEK (Founded on 2015)
- IEEE PES Chapter CEK (Founded on 2016)
- IEEE IAS Chapter CEK (Founded on 2017)
- IEEE RAS Chapter CEK (Founded on 2018)
- IEEE NPSS/PELS Jt. Chapter (Founded on 2019)

IEEE PES SBC College of Engineering Karunagappally

Application to IEEE MGA	: 30 th October 2015
IEEE PES CEK approval	: 8 th February 2016
Inaugurated by	: Er. A. G. Hareeendralal
Geo Code	: SBC03951
SB Code	: STB03951
Section	: Kerala
Region	: R10

IEEE Student Branch College of Engineering Karunagappally Annual General Meeting 2019

IEEE student branch College of Engineering Karunagappally has decided to conduct the annual general meeting on 10th February 2019 at the College Seminar Hall (CS Dept) from morning 9 am. The meeting was started by a silent prayer followed by the IEEE Code of Ethics delivered by our Former Chairperson 2018 Miss. Anukrishna A J (S8CSE). Our student branch counselor Mrs. Sabeena K (Asst Prof. Dept of CSE) welcomed the gathering. The presidential address was persuaded by our beloved Principal Dr. Jaya V L. The chief guest of the meeting was our former sb counselor who won the best counselor award 2018. By the proper and multiple evaluations Anukrishna A J introduced the current elected chairman Mr. Akshay Krishnan to the fellow volunteers. The following Students are elected as new office bearers of IEEE PES SBC CEK.



Positions in Chapter	Office Bearers
Chairman	Mr. Hari Prasad
Vice Chair	Ms. Riya Elizabeth
Secretary	Ms. Archa Sudhi

IEEE PES SBC CEK Execom Training

IEEE PES Student Branch Chapter College of Engineering Karunagappally is one of the vibrant student branches in Kerala. On February 10th the Student Branch refueled the executive members positions with new ones. To be the best and to bringing the best from them we gave them an effectual training. The training period lasted for 2 days (16th and 17th of February) and the session were handled by the student branch mentor Mr. Anandhu S Kumar, pillar of strength for our Student Branch. The 1st day of training embodied the session regarding the way which report writing and event reporting is set out, familiarization of v tools and a technical session based on Solar panel system. An intensive discussion and activities regarding solar panel installation was organized for the beginners.

2nd day of training composed of a session to deliver an idea regarding the funding scheme that are provided by IEEE for the advancement of society such as member-driven initiatives. The actions required for engage in such activities were covered in that session. With an inspirational speech from our Student Branch Counsellor Ms. Sabeena K the session came to end. All the newly elected execom members actively completed the training program.



SHE-TECH Series

IEEE Power & Energy Student Branch Chapter, College of Engineering Karunagappally (IEEE SB CEK) in association with Women In Engineering Affinity Group celebrated Women's day on 10th March 2019. The program was started by the inaugural address by our Student Branch Advisor Dr. Haseena P Y (Assistant Professor Electrical & Electronics Engineering Department).

First phase continued watching 2 videos. First video was about bold is beautiful and second on Tips for women. The videos were very motivational to all the students. Then general idea pitching carried out group wise on the topic "Decomposition of Pads in Eco-friendly manner". The program organized as per the students to be bolder and more active in this 21st century.

As the second part of tremendous Women's Day celebration a workshop based on 'Open Source Hardware-Arduino' was exclusively organized for girls. The workshop was handled by Dr. Gopakumar (Head of Department Electronics & Communication Engineering). There was an active participation of 60 students from all of the department from college. The session effectively delivered the clear idea of Arduino to the attendees. The session came to an end by the vote of thanks expressed by Student Branch Chairperson Mr. Akshay Krishnan.



Tech Eve 2.0 and Spectrum talks

Tech Eve, earlier known as the PES (CRP), is a series of programs that is organized as evening sessions to support the students in learning new skills and know about upcoming technologies and their uses in the industry. A series of 13 sessions were organized in addition to Spectrum Talks on Fridays on the following topics which were about 1 hour each during the evening after classes. The goal is to provide an insight on different technologies used in the industry today to students and encourage them to learn those skills.

The Tech Eve sessions in 2019 included

1. Industrial Automation
2. Server management
3. Electrical System Design
4. Sensors and Shield in Microcontrollers
5. IoT devices (Microsoft Azure IoT)
6. Home Automation
7. Lighting Design (in association with Luxathon 2.0 Planning)
8. Smart Grid and Issues in conventional Grid
9. Electrical Machine Design process
10. Cloud Computing Technology
11. Machine Learning and Data Science
12. Power Transmission Challenges (Project Idea pitching)
13. Economics of Power Generation



Circuit Designing Workshop

IEEE Student Branch College of Engineering Karunagappally in association with Power & Energy society organized a Circuit Designing Workshop on 10th April 2019. There was an active participation of 25 members. The sessions were handled by Ms. Sajna Mohammed, Chairperson RAS IEEE SB CEK and Mr. Hari Prasad, Chairperson PES IEEE SB CEK. The attention and dedication shown by each and every one attended the workshop turned it into a huge success.



IEEE PES Day 2019 Celebrations

IEEE PES Student Branch Chapter College of Engineering Karunagappally (IEEE SB CEK) had conducted the Power and Energy Society (PES) day celebration on April 22nd 2019 at the College Seminar Hall (ECE Dept.). The program was blessed with the presence of our distinguished chief guest Dr. Richard Kouzes, Laboratory Fellow(Pacific North-West National Laboratory).Our college principal Dr. Jaya V L and our advisor Mrs. Sabeena K (CS Dept.) also had been

a distinguished part of the dais. The welcome speech was delivered by our IEEE PES chairman Hari Prasad (S6 EEE) and he discussed on the introduction and the importance of celebrating the PES day. The chief guest had a talk on 'Radiation Detection for International Borders', which was an emerging and relevant topic for the young sprouting engineers. Success is never a one step process; we were truly honored to have Dr. Richard Kouzes, who also had an interactive session with the students informing them the importance of IEEE PES Chapter and his experience in this venture. The PES day celebrations became fruitful with the cake cutting ceremony by our chief guest and distributed among the faculties and the members students. The PES chairman also discussed the future activities, ideas and open suggestions from the PES members to enhance the PES Chapter were also welcomed. All the IEEE members of about 70 actively attended the ceremony.



All Kerala Power and Energy Society Student Colloquium 2019

Imagine what happens when a Group of such dreamers meet, that's was exactly happened at All Kerala Power and Energy Society Students Colloquium (AKPESSC 19) at College of Engineering Karunagappally on 23rd - 25th August 2019.

AKPESSC' 19 (All Kerala power and energy society students colloquium), a three day event organized by IEEE PES Kerala Chapter together with College of Engineering Karunagappally. The event took off its journey with the inaugural ceremony from 9.00 am on 23rd August 2019 with the blessings of almighty. The registered students, volunteers and officials also joined the path.

DAY1 (23 /08/2019)

The foremost day of the event started with the code of ethics by the most deserved person Mr. Akshay Krishnan, chairman IEEE SB CEK. Dr Jaya V.L., the Principal of College of Engineering Karunagappally, the lady behind the structure of CEK delivered the welcome speech were she wholeheartedly welcome all the respectable dignitaries , delegates and volunteers to the dream event. Later on, moved to the core attraction of the event, the lamp lighting ceremony, the lamp of enlightenment was glowed up by the respectable dignitaries. The honorable guest of the event Shri. S Somanath, Director VSSC Thiruvananthapuram, went on with his inaugural speech. The chairman of Centre for Environment and Development Prof. V K Damodaran greeted the audience followed by Er. Suhair A K, the chairman of IEEE PES Kerala Chapter, Dr.Ing Peter Magyar the past chairman IEEE IAS CMD and Er. Haseena P V, advisor of IEEE PES SB CEK delivered their felicitations. Mr. Hari Prasad, chairman PES IEEE SB CEK delivered the vote of thanks.



Every dedicated one should be appreciated; they must be rewarded for their hard work. Professional awards, Student awards, Chapter awards and Counselor awards were distributed. The awards were bagged by:

1. Outstanding Volunteer Award: Mr. Biju K (EEE department CE Munnar)

2. Outstanding Engineer Award: Prabin James (Asst prof Vimal Jyothi College of Engineering)

3. Outstanding PES student chapter

Gold : NSS college of Engineering Palakkad

Silver : College of Engineering Chengannur

Bronze : College of Engineering Karunagappally

4. Outstanding PES volunteer Awards

: Mr. Vishnu Vijay Pillai (College of Engineering Chengannur)

: Mr. Abinav Rajeev (NSS college Engineering Palakkad)

5.Outstanding Counselor Award: - Er. Raju Manuel (former counselor IEEE SB CEK)

6.Special Award: College of Engineering Karunagappally (Organizing LUXATHON 1.0)



The first session covered the most awaited topic Chandrayan 2, proud of every Indians and the second lunar explosion by the honorable chief guest of the day Shri. S Somanath, Director VSSC Trivandrum. The journey through the whole path of Chandrayan 2 was a new experience to everyone gathered there. rather than interesting it was too informative. Then was the second session by V K Damodaran, chairman of Centre for Environment and Development, on the " Industrial Revolution". He went through the wider aspects of advancements in the growth of industries. He gave clear idea on digital technologies to revamp the practices of industries to improve operational efficiencies. The last session of the day handled by Er Suhair AK, the chairman IEEE PES Kerala Chapter who is the rich with experiences and deserved one to explain the benefits of PES.

The afternoon session began with an industrial visit to the Indian Rare Earth limited. The visit showcased mineral extraction process. The experience over there would be valuable for the visitors. Later on, moved on to the ice breaking session and it refreshed everyone. Then NSS College of engineering Palakkad, shared their experience and explained

up all the journey to the best student Branch of PES. The day ended with the cultural programs and the participation from the delegates added more beauty to the event. In short, the day was indeed a well spent one.

DAY-2(24/08/2019)

Day 2 of the event we focused on the tech side. The day started off with 3 workshops went in parallel. The first workshop on "Image Processing" by Remya R S, Assistant professor CS department, College of Engineering Karunagappally was something that added more interest to the attendees. she made an exposure of analysis and manipulation of digitalized image. The second was a hands-on session by Mr. Nasarudeen, United Electrical Industries Limited on" Energy meter". The session delivered detailed knowledge regarding energy meter's working and its applications. It was a valuable session. The one in three (workshop) was on "Electrical System Protection" by Jagannathan C, a branch of Electrical Power Engineering that deals with protection of electrical system from faults through disconnection. The workshop was such an effective one so that in the world of power everyone could really work in accordance with the necessity of Protection of electrical system. The forenoon session came to an end.



The afternoon session began with an inspiring session on "How to be a good volunteer" by Nandan S, chair SAC Kerala Section. His session conveyed that a good volunteer is really anyone who is willing to give their time to help another individual, their community or make a difference in the world. Then was a session by the IREL team where they explained the procedures and process in

IREL. That was totally a new experience for everyone gathered there. Then we raised the most highlighted session of the day by Prof. Deepa A K, WIE secretary IEEE Kerala Section. She shared her knowledge on "How to write technical papers" which delivered the essential for the technical literature. Er. Staji Wilson, Young professional IEEE Kerala Section guided the delegates to the "IEEE opportunities and leadership". She gone through her journey which is adaptive for everyone as one of the destinies changing.

Then "Smart Energy Hackathon", grabbed innovative ideas from twelve teams, to prevent electrical theft which is a major issue seen in now-a-days. From 12 ideas presented by each group, one was titled the best which is a contribution from Revathy J H and Hasna M Rafi (CET) Hannah Ann Mathew and Kallu Sudarsan S S (RIT) Jishnu PC, Aneeta Binoo Joseph, Jeswin Leo Sabu, Madhukrishnan AP, Eldhose Mathew Vinay VA from CET, YCET, VJCET, JCET, MBCET and Vidya Academy of science and technology. The day came to an end with much more creative stuffs and new earnings.

DAY-3(25/08/2019)

The final day of AKPESSC'19 pop up with the session by Dr. ing Peter Magyar, the past chairman IEEE IAS CMD. He motivated the aspirants through his journey. He made an impulse to the students and professionals to the vast opportunity that industrial applications society provides. The team AKPESSC_19 honored him by giving token of appreciation.

At last we moved on to the young professional interactive session, which will be a foundation to every under graduate who is going to be the young professionals. Through this session we were able to deliver the life skill essential with the tech pack.

Later the event went on with the presentation by Power and society Student Chapters on Kerala on smart city. The team of Rajiv Gandhi Institute of Technology Kottayam travelled through what are smart cities, how to build them and the standards to follow. Energy Management in smart cities has explained by College of Engineering Trivandrum. The team of Federal Institute of Science and Technology has gone through the scarcity in Kochi and Trivandrum and how smart they are. A quick of 100 smart cities in India has been presented by NSS college of Engineering Palakkad, and the session had ended by presentation by SCT college of engineering Pappanamcode on smarty Global Models to follow. An interactive session by the Er. Suhair AK, chairman IEEE PES Kerala Chapter and Student Branch Chapters followed the presentation where each and every loopholes on smart cities have been discussed.

Mr. Sathish, scientific officer at Kudamkulam Nuclear Power plant has taken a session on "Power transmission and opportunities in power transmission at nuclear power plant", has demonstrated the working of Kudamkulam Nuclear Power plant. The images and videos he showed inspired the students and he conveyed the opportunities they provide to young engineers. The forenoon session came to an end with it.

Er. Anish MS, an active IEEE Power and Energy Society Young Professional started the afternoon session through his journey and thoughts, about " Higher EducatioCareer opportunities". The opportunities in Kerala, IEEE, and Abroad to study and job has discussed. He was really an inspiration for all those delegates crowded over there. Adding more value, there was a session by Er. Shyam Pradeep Alil, entrepreneur and YP volunteer, IEEE Kerala Chapter on "Entrepreneurship", no one more than him can drag you to the peak of the field and he did it well.

At 3.00 pm, there started the break for the most mesmerizing event, closing ceremony of AKPESSC '19. It got underway by the feedback from the participants and finally revealed the winners of POWER and Energy Innovation Hackathon. The winners were praised NSS College of Engineering has presented the promotional video of XPIRYA which officially announced the end of AKPESSC_19 and beginning of new celebration.

AKPESSC'19 not only was a 3-day technical event but was 3 days to interact, inspire, aspire and perspire. Each and every single moment of those three days were valuable and had the power to change anyone.

Student Professional Awareness Symposium (SPAS)

Student Professional Awareness Symposium (SPAS) was an initiative taken by IEEE SB CEK in association with Power & Energy Society Student Branch Chapter to render aspiring professionals an exposure of the professional world by providing them a platform to interact and learn from thriving professionals. SPAS was held at College of Engineering Karunagappally in association with All Kerala Power and Energy Society Student Colloquium (AKPESSC) 2019 on 23rd 24th and 25th of August 2019. It unveiled the possibilities students can explore in their near future.

24/08/2019

The first SPAS session began on the second day of the AKPESSC. It started with an inspiring session on "How to be a good volunteer" by Er. Nandhan S, chair SAC Kerala Section. It helped the students to analyze themselves to be a better volunteer, to experience the pleasure in serving others. It was followed by a technical session by Indian Rare Earth Minerals Ltd. (IREL). They shared the procedures and processes that they follow in producing their products. Then was a session by prof.

Deepa AK, secretary of WIE, Kerala session, on ' how to write a technical paper '. She discussed everything one should focus while writing a technical paper as pursuing engineers, explaining the important points one should heed. Er. Staji Wilson, Young Professional IEEE Kerala Section handled an interactive session on 'IEEE opportunities and leadership'. She ignited a thrust to explore the opportunities in IEEE taking her own experience as an example. That concluded the SPAS sessions of the day creating more opportunity to inspire and interact.

25/08/2019

The next day of SPAS sessions began with a technical session by Mr. A V Sathish, scientific officer at Kudamkulam Nuclear Power Plant on "power transmission and opportunities in power transmission at nuclear power plant".

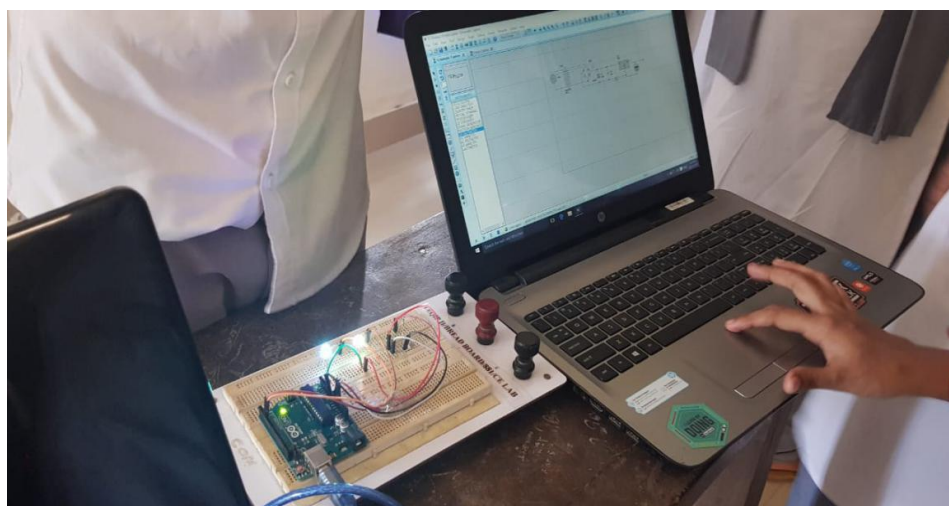
With his 28 years of experience in the field, he talked about the current technologies and the possibilities we could explore in the near future. The forenoon session of the day was a young professionals interaction session. Er. Anish M S, an active IEEE Power and Energy Society Young Professional, handled the first session on "higher education and career opportunities". He talked about the possibilities in higher education in India and abroad and the career options that follows. The session was followed by another YP interaction session by Er. Shyam Pradeep Alil, entrepreneur and YP volunteer, IEEE Kerala Chapter, on "entrepreneurship". He shared his experience on growing from a student to an entrepreneur at a young age. His session was an inspiration on how to establish an idea.



Power Electronics Expo

IEEE SB CEK in association with Power & Energy Society always takes keen interest in enriching student community with technical wonders. As a part of Continuing Education Program-an initiative by IEEE PES SBC CEK a Power Electronics expo was held on 31st August 2019. The expo was carried out in Electronics & Communication Engineering Dept. Seminar Hall, College of Engineering Karunagappally. The expo was a display of power electronics equipment and devices. The expo was crowded with participation of school

students from the nearby schools of college. The students from various department of college were also showed their presence in the expo.



Womania 1.0

Womania 1.0 - A Renaissance of Change in association with IEEE PES SBC CEK conducted its first phase on the 1st of September 2019 at the house of one of our attendees. Our spotlight was on the household women for which an association of the local kudumbashree women gave us their active involvement.

The event was plotted in accordance with a rigid motive to sprinkle on the lives of household women with the stardust of passion, confidence and hope. The main target was to push those women out of their comfort zone and to inculcate in them the importance and simplicity of technology to diminish their insecurity. The program started from 9:00am to 4:00pm for consecutive two days. The women were offered with a deep insight into the basic working of certain simple electronic and electrical devices. Women have to dependent on the male authority even for the tiniest issues in their daily routine for which the IEEE members gave them an entire talk section as well as a workshop on the basic things like changing a fused bulb, reading an electric meter, use of extension board etc. The women seemed quite ecstatic to have achieved something that mattered in this fast-paced world and seemed quite determined to hold on to their learning aspiration.



Solar Panel Installation Workshop

IEEE Student Branch College of Engineering Karunagappally in association with the PES SBC CEK conducted a workshop on “solar panel installation” on 21st September 2019. The program was started at 9:00 am with a prayer. Mr. Akshay Krishnan (Chairman IEEE SB CEK) read out the code of ethics. Welcome speech delivered by Ms. Sabeena K (Counselor IEEE SB CEK). Our beloved principal Mrs. Jaya V L persuaded the inaugural address. The morning session was the expert talk on “off-grid also known as a stand-alone power system (SAPS) and on-grid also known as a grid-tie or grid-free solar system installation” by our PES Chairman Mr. Hari Prasad. He explained the concept of off-grid solar installation. The main advantage of “on grid over off grid installation” and how the installation is carried out. The afternoon session concentrated on the on the on-grid installation process and procedures. Also, the students visited the on grid solar installation in our college and the expert described each point regarding the installation. Thus, the student members gained much collective information about solar panel installation. The main aim of arranging this talk include not only teaching on light technology and on the fundamental of perception, but also



increase student's competence in lighting design so that in their studies they will be able to develop and fine-tune their designs following lighting design criteria. All the IEEE members actively participated in the session.

PES Day QUIZ 2019

IEEE SB CEK organized a quiz contest for all first-year students as a part of IEEE Day celebration 2019 under IEEE PES Kerala Chapter on October 1st 2019. It was held at ECE (dept.) seminar hall from 1:00pm to 1:40pm in presence of the SB advisor, Er. Haseena P Y. The quiz started with an introductory session by the SB Jt. Secretary, Rafiya Al Ebrahim on IEEE Day celebration. The PES chair, Hari Prasad, then summarized the activities of PES and gave a general description on the quiz.

The quiz began at 1:20pm. It carried a total of 40 questions, (20 on general knowledge, 10 on current affairs and 10 on science and engineering).



More than 35 students participated in the competition. 20 minutes was given to write the answers. The winners will be qualified for the finals at hub and session levels to be held at Rajiv Gandhi Institute of Technology, Kottayam.

PES Membership Elevation Program

IEEE Student Branch College of Engineering Karunagappally conducted Power & Energy Society Membership elevation programme on 23rd October 2019. The program aimed at increasing PES activities and thereby elevating the membership retention. The activities of the Chapter and benefits of being a PES member was discussed in the program. Students were encouraged to bring up ideas and suggestions to improve the membership. Mr. Hari Prasad, Chairman PES SBC concluded the programme by presenting the future plans of the chapter.



ITIPS Program at Sree Buddha Central School

The IEEE Student branch College of Engineering Karunagappally in association with IEEE PES SBC, organized a 3D Printing Workshop as part of IEEE Day Celebration at the nearby Sree Buddha Central School, with the use of their Atal Tinkering Lab. A total of 40 Students attended the session in which the basic working of a 3D printer, its components, uses etc. were described and demonstration sessions were conducted to familiarize the entire 3D printing Process. This was Part of the ITIPS initiative of IEEE SB CEK, focusing on the technical enhancement and skill development for School children.



A Talk and workshop on different forms of renewable energy sources was organized for the student at the same day. The relevance of renewable energy in the economy over conventional sources, its installation, potential and applications were discussed by Akhil Ahammed, Chairman NPSS/PELS Jt. Chapter.



Lighting for Humanity

IEEE Student Branch In association with the IEEE PES SBC CEK organized a humanitarian project which enhances the living conditions of the normal middle-class people around our locality.



A team of members with mostly 1st years students along with the SB Chair Mr. Akshay Krishnan led the project on 6th November 2019 from 4:30pm. The backbone of IEEE lies in its firm fervor to furnish the torn edges of a society and uplift it on a whole. Each every block of society upholds a major importance and therefore as part of the IEEE day celebration, the team of College of Engineering Karunagappally took upon their shoulders a responsibility to cast a spell of development. The team arranged set of basic electrical equipment such as bulb etc., organized them and exposed the concept of efficiency and power saving to the poor families, visiting their respective residences. The flame of determination that the team radiated and the sense of gratitude they received from the families is evident enough to infuse a breeze of pride, aspiring every student to inspire and be inspired.

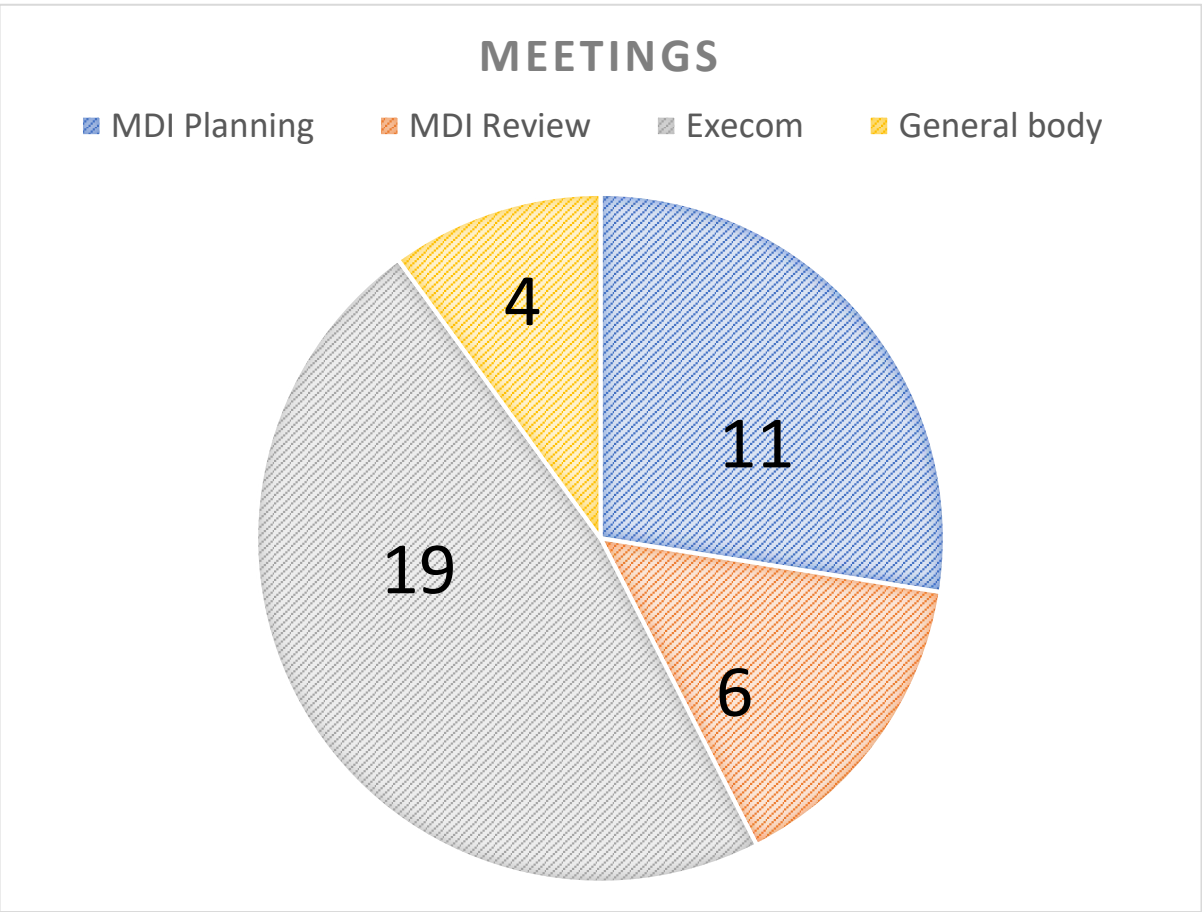
UX/UI Workshop

IEEE Student Branch College of Engineering Karunagappally is always concerned with boosting the technical qualities of the student member. The next in the row of workshops in association with Power & Energy Society of IEEE SB CEK and the Computer Society SBC CEK was based on UI/UX Designing. The workshop conducted on 10th November 2019. 25



members were molded by the workshop handled by Hari Prasad (Chairperson, IEEE PES SBC CEK) and Mr. Akshay Krishnan (Student Branch Chairperson, Webmaster). The workshop gave a vital informative regarding poster designing and photoshop which was really beneficial.

PES SBC CEK Meetings 2019



Future Plans of IEEE SB CEK

1. Membership and Chapter development team will be formed.
2. Women in Power Summit 2.0.
3. Organize webinars dealing with Power & renewable energy.
4. Organize technical talks like DLP relevant to PES.
5. Take up more humanitarian projects.
6. Continued Education for School Students will be organized in schools more effectively than now.
7. Will apply for PES MDI 2020.
8. Luxathon 3.0.
9. IPRECON 2020 – IEEE PES Sessions.
10. Student Professional Awareness Symposium 2.0.
11. Membership Development and Elevation Programs.
12. Focus more on YP – Student – Industry Interactions.
13. Start PES SBC CEK Academic Research Initiatives.