

The IEEE Pune Section Newsletter
REMINISCENCE
April'23 to June'23

Events with International Experts



Prayag'23



Environment Day Celebration



Podcast Reaching to great height



Launch of "IESA Emerging Tech Scholarship"



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**Connect with newsletter team for
suggestions and reporting your contributions
towards IEEE by different means**

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MESSAGE FROM CHAIR

It gives me immense happiness to present Pune Section's efforts to benefit members through international collaboration with North Jersey Section, Inviting International domain experts, MCCIA led engagements in this quarter.

Let me congratulate the team of Pune Section and North Jersey section to launch the first joint event on the occasion of World Environment Day, inviting experts from both sections sharing their experiences on Environment and Technology. This joint effort was appreciated by IEEE R 1 Director, R10 leadership, India Council leadership and leadership from both sections. I express gratitude towards Prof G S Mani, Dr Rajshree Jain , Mrs Lekha Phijo for their efforts to make this happen.

The fruitful meeting with Deputy Director of MCCIA led to arranging a visit of Execom members to MCCIA Electronic Cluster Foundation (MECF). I am very promising about the constructive and purpose driven programs for woman engineers under Entrepreneurship cell of MCCIA.

Having Dr Levent at Pune Section was a great experience and an opportunity to have a cultural walkthrough to our contribution at Raja Kelkar Museum, demonstrating STEM to STEAM initiative of Pune Section.

Another good news is to launch scholarship for PG and PhD candidates from Engineering, Science colleges under the able leadership of Dr Geetanjali Vaidya, with PES Chapter administering the scholarship offered by India Energy Storage Alliance (IESA). This scholarship is an outcome of collaboration between IESA and PES-IAS Chapter of Pune Section.

It is also very overwhelming to see the active participation and contribution of student- members, Student Activity Committee towards the call from IEEE Climate Change committee, initiating programs on World Environment Day, commitment to support Climate Worrier program of Pune city.

SAC team is really inspiring all the members through their podcasts, creating outreach and awareness on IEEE volunteering.

Congratulations to Prof Tushar Mote and Smart City team, Mr Dhiraj Chaurasia and YP affinity group, Dr Geetanjali Vaidya and PES chapter, Dr Rajashree Jain and WiE team for receiving IEEE support towards their innovative proposals in benefiting members. TEMS team of Pune Section has successfully launched PRAYAG- Busino-Tech Confluence under IEEE Pune Section, demonstrating the student-centric and innovative spirit.

The execom members of Pune Section are always instrumental in supporting all branch counsellors of IEEE student branches for planning and executing student- activities with grand success.

I am looking forward to having an exciting time ahead.

Do join us and make the difference!

Dr Surekha Deshmukh
Chair – IEEE Pune Section



MESSAGE FROM EDITOR

Dear Readers,

Greetings from IEEE Pune Section

It gives me an immense pleasure to present the second issue of IEEE Pune Section eNewsletter Reminiscence for 2023 (April 2023 – June 2023) . Reminiscence is the reflection of all the events conducted by section, student branches, society chapters, and affinity groups for the benefit of our students, young professionals, researchers, academia and industry members. This newsletter is the outcome of the sincere efforts of all the execom members, industry experts, students, branch counselors, and chapter chairs.

The purpose of the Reminiscence eNewsletter is to disseminate information of activities conducted by the section to all IEEE members.

I appreciate the newsletter team members Isha, Rakshit, Shivani, Vineet, Vedant, Aditya and Hemant for their hard work in producing another excellent newsletter. Without their efforts, this quarterly publication would never have become a reality.

I express my gratitude to all execom members for their guidance and support.

I hope you all will enjoy this enewsletter second issue of the year 2023. I invite all members of IEEE Pune Section to immerse yourself in Pune Section and enjoy volunteering.

Looking forward to receiving your comments, suggestions and contributions in making the Newsletter greater.

Best Regards,

Dr. Ashpana Shiralkar

Editor - eNewsletter, IEEE Pune Section.



ACHIEVEMENTS & ACKNOWLEDGEMENTS

Achievements

- On 2nd May 23, Dr Surekha Deshmukh got recognized for her contribution to Power and Energy sectors from India Energy Storage Alliance (IESA) at Delhi. She is a volunteer of PES-IAS society for last 23 years



Special Acknowledgements

- Congratulations to Prof Tushar Mote and Smart City team, Mr Dhiraj Chaurasia and YP affinity group, Dr Geetanjali Vaidya and PES chapter, Dr Rajashree Jain and WiE team for receiving IEEE support towards their innovative proposals in benefiting members.
- Mr. Vinay Kulkarni received the prestigious “TCS Fellow” recognition on 30th June 2023!
- India Council SCT have selected two volunteers from Pune Section, Aditya Tuteja and Devang Pingle.
- Rakshit Jain is selected as the secretary for Smart Cities Ambassadors Committee.



AT IEEE PUNE SECTION

SAC Handover Ceremony



IEEE Pune Section recently set up new **Student Activity Committee (SAC)**. The handover ceremony was organized on 29th April 2023. Dr. Sunil Somani inaugurated the event by warmly welcoming the old and the new teams. He appreciated the team of SAC 2022 for their immense contributions to the organization by reminiscing the memorable achievements in the year 2022 like AISYWLC '22, Eureka, etc.

It was followed by Dr. Surekha Deshmukh, Chair of the IEEE Pune Section, who greeted the students very enthusiastically and instantly connected with them. She personally interacted with the students by reaching the audience.

Mr. Devang Pingle, outgoing Co-SSR of IEEE Pune Section was greeted with a huge round of applause, hence proving his successful tenure. Rakshit Jain, SSR of IEEE Pune Section 2023, gave a hearty welcome to the entire audience and discussed various ongoing and upcoming initiatives that the Student Activity Committee would like to work on.

Co-SSR Vineet Patil and Shivani Bhalsakle shared their thoughts by expressing their gratitude towards all execoms and office bearers. They also shared their plans for upcoming tenure. The past teams passed their batons to the present ones, and the present teams accepted their responsibilities. The activity served as a great icebreaker and encouraged students to interact freely. It gave the year 2023 an energetic start.





IEEE Pune Section's Contribution to Climate Warrior Group

Dr Surekha Deshmukh was invited to attend the meeting of Climate Worrier group of Pune City. The Climate Warrior group is instrumental in creating a strong ecosystem of NGOs, schools, and colleges in Pune City to come together with an annual plan of programs to conduct cross Pune City. IEEE Pune Section has offered volunteering participation to contribute to this noble cause. There was presence of 15NGOs, 5 Colleges and around 60 experts working on Environment.



Meeting with MCCIA Leaders

The IEEE Pune Section Execom members, including Anuja Deshpande, Deputy Director of the Women Entrepreneurs Committee, Sanjeevani Marathe, Dr. Surekha Deshmukh, Chair of IEEE Pune Section, and Dr. Geetanjali Vaidya, Chair of the PES and IAS Chapter of IEEE Pune Section, visited MCCIA Electronic Cluster Foundation (MECF). The purpose of the visit was to discuss collaboration on various activities, such as industry visits, mentorship, internships, and entrepreneurial initiatives for students. This visit provided a platform for fruitful discussions and planning to enhance opportunities and support for IEEE Pune Section members.



Events with International Experts

- IEEE Pune Section and IEEE Pune Section's JCAME Chapter recently hosted Dr. Levent Sevgi a Distinguished Lecturer from IEEE Antennas and Propagation Society. On his visit to Pune he conducted a session on the topic "From ENGINEERING ELECTROMAGNETICS to ELECTROMAGNETIC ENGINEERING" at Symbiosis Institute of Technology, Pune in hybrid mode. It was very glad and insightful to host Dr. Levent and learn about his way of utilising and advancing the field of Electromagnetics.
- JCAME Society Chapter in association with the IEEE Pune Section hosted guest talk by Dr. Changzhi Li. Dr. Li is a professor at Texas Tech University, also, he is the recipient of many recognitions, and an expert in his domain. The talk gave insights into the latest industry trends and advancements in Microwave Medical Devices. The session was arranged on the occasion of IEEE India Council Day. Mr. Li is fond of Indian culture and he visited the temples, Pataleshwar cave, Shaniwar Wada.



Launch of “IESA Emerging Tech Scholarship “



IESA in association with IEEE has announced “IESA Emerging Tech Scholarship “ to encourage efforts and to attract talent in the Energy Sector. The scholarship is designed to support research projects for the progress of energy storage, e-mobility, and green Hydrogen segments.

PES IAS Chapter under the leadership of Dr Geetanjali Vaidya, has instituted this award in association with IESA, commencing the call for application in year 2023. This award is designed to encourage PG candidates across Science and Technology branches to work in the space of E mobility and ecosystem. The scholarship amount of Rs 50,000/- will be awarded to 3 students. Team of IEEE Pune Section and PES-IAS Chapter acknowledges Dr Rahul Walawalkar- President of IESA for this thoughtful collaboration with IEEE. .

AT IEEE PES/IAS GROUP

Participation in PES Chapter Chair's meet at Gwalior

PES Chapter Chair's meet was arranged at Gwalior on 21/4/2023. Jessica Bian,[PES President, 2022-23], Dr. Ramakrishna, Dr. S. N. Singh had their presence in the meeting. Dr. Mrs. Surekha Deshmukh, [Chair IEEE Pune Section and Chair PICC] and Dr. Mandar Bhawalkar, Vice Chair PES/IAS Chapter participated in the meeting.



Participation in IEEE Sustainable Smart Lighting World Conference and Expo

Dr Surekha Deshmukh was invited at **IEEE Sustainable Smart Lighting World Conference and Expo**, organized by IEEE Bombay Section in association with IEEE Power and Energy Society and IEEE Industry Applications Society. As a Chair-IEEE Climate Change (CCIRCC Sub Committee Global Visibility), Dr Surekha was invited to share views on sustainable business transformation of Light industry towards Life Cycle Assessment (LCA), reducing the carbon footprint across value chain, exploring circular lighting, and circular economy.



PES Day Poster Making Competition



From 17 April 2023 to 22 April 2023, On the occasion of IEEE PES Day 2023, the IEEE Pune Section PES/IAS Chapter conducted a Poster Making activity on the theme of "Powering a Climate Safer Future". The activity aimed to encourage students to showcase their creativity and awareness about the importance of sustainable energy and a greener future. It saw participation from 24 students from various parts of India. Overall, the Poster Making activity conducted, helped in raising awareness about the importance of Powering a Climate Safer Future and it provided a platform for students to showcase their creativity and ideas.

Winners were given as follows :

1. Sanghmitra Gaikwad
2. Pranav Bari
3. Prasad Ahire

PES DAY BLOG-WRITING COMPETITION

The IEEE Pune Section PES/IAS Chapter conducted a successful blog writing activity in honor of IEEE PES Day 2023. The activity was conducted for students, and the theme of the activity was "Powering a Climate Safer Future."

The event was conducted from 17 April 2023 to 22 April 2023, and it saw participation from 23 students from various parts of India. The participants were given a week to prepare their blogs with a word limit of 800 -1000 words and submit them before the deadline. This event was conducted by Pune Section PES Day Pune Section Lead Ambassador Rakshit Jain with the help of Student Activities Committee 2023 (UPSAAM) with the guidance of Dr. Vaidya, PES/IAS Chapter-Pune Section, Chair. The following students emerged as the winners of the competition:

- Sumit Kakade - Rs 2500
- Harsh Zode - Rs 1500
- Nayan Nand - Rs 1000



IESA ACADEMY
IASA IN ASSOCIATION WITH PES

IESA – IEEE Joint Student Knowledge Series

Introduction to Energy Storage Systems and Renewable Energy Integration

Thu, April 13, 2023 | Time: 4:00 PM to 5:30 PM IST

SPEAKER
Prof Dr T Harinarayana
Director, BSAR Crescent Institute of Science and Technology, Chennai

Free Registration

www.indiaesa.info / academy@indiaesa.info

'Introduction to Energy Storage Systems and Renewable Energy Integration'

Dr. T. Harinarayana, Director, BSAR Crescent Institute of Science and Technology, Chennai in his lecture on 'Introduction to Energy Storage Systems and Renewable Energy Integration' elaborated basics of Energy Storage system and mainly he explained green hydrogen technology. The lecture was interactive.

'Introduction to Microgrids'

On Thursday 18th May, the tenth lecture in the IESA-IEEE lecture series organised by PES/IAS Chapter. Er. Nitin Akhade elaborated basics of microgrid and microgrid components. He demonstrated many practical microgrid projects across the country. The session was interactive.

IESA ACADEMY
IASA IN ASSOCIATION WITH PES

IESA – IEEE Joint Student Knowledge Series

Introduction to Microgrids

Thu, May 18, 2023 | Time: 4:00 PM to 5:30 PM IST

SPEAKER
Nitin Akhade
Project Lead
Customized Energy Solutions

Free Registration

www.indiaesa.info / academy@indiaesa.info

Invitation at India Energy Storage Week (IESW) 2023



Dr Surekha Deshmukh, was invited as a PES professional to co-chair the Skill Development Roundtable in Energy Storage, E-mobility and Green Hydrogen, on 3rd May as part of IESA's flagship event India Energy Storage Week (IESW) 2023.

With presence of 25 representatives including TCS, Schneider, Exide, Corporate HR & L&D, University Deans, R&D Experts, Professors, Skill Councils, Subject Matter Experts in Energy Sector, and others industry veterans added great value and brought together a wide spectrum of views.

Contribution to IEEE PES-HAC

Dr Surekha Deshmukh contributed at IEEE PES- HAC session on 29th April, as a part of PES day celebration. She covered aspects of Net zero target, decarbonization opportunities and circular business in Electricity Industry. She discussed on the trend discussed as is to accommodate maximum green power as a generation mix, minimizing environmental impact, maintaining ecological balance, as well as targeting to reduce Scope 1, Scope 2 and Scope 3 emissions. The session was anchored by IEEE Bangladesh section



Vision for Making India a Global Hub for R&D and Manufacturing of advanced energy storage technologies

In memory of the late Shri D. M. Tagare, PES-IAS Chapter has initiated the flagship event, "Shri. D.M. Tagare Memorial Lecture," in 2022. Dr. Rahul Walawalkar, President & MD of Customized Energy Solutions India Pvt. Ltd., was invited to lecture this year. In the coming decade, India is anticipated to emerge as one of the top 3 markets for advanced energy storage technologies supporting a greener grid and cleaner transportation sector.



India needs to leapfrog in identifying the right areas for focusing R&D for commercially viable technologies. Also, it needs to develop resources for focusing on manufacturing and scaling of the technologies from lab to giga factories.

AT WIE AFFINITY GROUP

Cyber Security & Women Safety Webinar

On March 11, 2023, the IEEE RSCOE SB hosted an exhilarating session called "Cyber Security and Women Safety" by Mrs. Pradnya Pophalikar for all the enthusiastic audience out there! She is an Information and Cyber Security Consultant. The session was aimed at providing students with valuable insights and knowledge on the latest cybersecurity trends, best practices, and essential tips for protecting our digital assets were helpful. The attendees gained valuable insights into protecting their personal information and securing their online identities.



AT SPECIAL INTEREST GROUPS

Contribution from "Green Power & Climate Change" SIG to zero waste mission

On World Environment Day, IEEE Pune Section SAC and Pune Ploggers organized a successful cleanliness drive along Pune's Mula-Mutha River. Over 70 participants joined the event, showcasing their dedication to environmental sustainability. The collaboration extended to include ISHARE Pune Chapter and Rotary Club Pune, highlighting the joint effort for a cleaner environment.

The partnership between these organizations amplified the event's impact, demonstrating the transformative potential of working together.



PRAYAG'23 : A Busino-Tech Confluence



PRAYAG'23, a dynamic event was organized by IEEE Pune Section and IEEE TEMS Pune Section Chapter, took place at CHRIST (Deemed to be University), Lavasa - The Hub of Analytics, located in Pune, Maharashtra. This busino-tech confluence aimed to bring together the worlds of technology, engineering, and management, providing a platform for knowledge sharing, networking, and innovation. The Busino-Tech Confluence, PRAYAG'23, proved to be an exceptional platform for bridging the gap between engineering, technology, and management.

Speakers for the seminar were, Mr. Dinanath Kholkar, Mr. Prashant Joshi and Mr. Hemant Mehta. The seminar featuring prominent speakers provided valuable insights and perspectives on topics ranging from the digital India journey to core skills required for success in a changing world. The interactive Q&A session further facilitated knowledge exchange and networking among the attendees.

The event successfully achieved its objective of bringing together professionals, scholars, and students from diverse fields to foster collaboration, enhance learning, and promote innovation. The participants left the confluence equipped with new ideas, broader perspectives, and a renewed sense of motivation to contribute to their respective domains.



BEYOND THE CHRONICLES



Beyond Conversations- The Podcast of IEEE Pune Section



From 7,000 views in one year to 10,000 more in the next four months.

From 1 podcast a month in 2022 to 3 podcasts a month in 2023.

Expanding the team from 8 to 12 members in this tenure.

Pushing the quality of our podcasts in terms of aesthetic and content.

We recently published the 20th episode on our channel, and couldn't be happier about the way we have built scaled up the podcast from scratch in just 20 months.

As the podcast team lead at IEEE Pune Section, I'm committed to grow the podcast even further by leveraging the exponential curve it is experiencing now.

Also, our website is now live at <https://lnkd.in/djMnmp9C>
-Sohan Joshi(Podcast Team Lead,SAC IEEE Pune Section)



Please follow us on Instagram and
subscribe on youtube for listening the Podcasts

Beyond Conversations YouTube:

<https://www.youtube.com/@beyondconversations>

Beyond Conversations Instagram:

<https://www.instagram.com/beyond.conversations/>

AT STUDENT BRANCHES

Workshop on Java and Android Bootcamp



Student Branch of IEEE RSCOE conducted 4-day workshop on Java and Android Bootcamp to provide participants with a comprehensive understanding of Java programming and Android application development. The workshop covered fundamental concepts of Java, object-oriented programming, and practical hands-on exercises to develop Android applications. Participants gained valuable knowledge and skills to kickstart their journey in Java and Android development.

Through a combination of theory sessions and practical exercises, participants gained a solid foundation in Java programming, object-oriented programming principles, and hands-on experience in creating Android applications. The workshop fostered an interactive learning environment, encouraging participants to

actively engage with the material and collaborate with their peers. Overall, the workshop provided a valuable learning experience and empowered participants to pursue further exploration and growth in Java and Android development.

Introductory Campaign for IEEE Student Branch

Student Branch of Dr. D. Y. Patil Institute of Technology, arranged a Introductory Campaign of IEEE on 27th Jan 2023. Guests Piyush Chaudhari, Shivani Bhalsakle ,Shrushti Petkar explained what is IEEE and benefits of IEEE.

The objectives of the event were

- To make students aware about revival of IEEE Student Branch.
- To brief students about potency of IEEE in the world of technology as it can be gateway for the worldwide connections to the experts in various domains of engineering.
- To prompt students to be IEEE Student Branch member through campaigning.
- To create a centralised platform so that students from different engineering branches can work together to produce effective and innovative outcomes.

This campaigning generated interest about IEEE among the students and promoted for active participation in Student branch.





PCCOE IEEE student Branch

Praxis 2023, a thrilling three-day event organized by the **PCCOE IEEE Student Branch** and the Information Technology Students Association. Witnessed a showcase of technical brilliance, captivating performances, and intense competitions. Here's a glimpse of the action-packed event:

VALORANT GAMING COMPETITION:

Date: 15th and 17th March

Description: An exhilarating gaming event with four intense rounds, featuring talented teams battling it out for amazing rewards. Participants showcased their skills in custom mode matches, both online and in hybrid mode.



PRAXIS - 23

SHARK TANK - INNOVATION EVENT ON 15TH AND 16TH MARCH

Witness the brilliance of innovative minds as teams presented their groundbreaking business concepts. **Dr. Rajesh Phursule**, an esteemed judge, evaluated the products based on various parameters, providing valuable insights and inspiration to the participants.

MURDER MYSTERY ON 15TH MARCH

Engage in an exciting treasure hunt as teams of four solved a series of clues to find hidden treasures. The event tested participants' analytical and problem-solving skills, leading to a thrilling race against time.

FREAK OUT - ELOCUTION COMPETITION ON 15TH MARCH

Experience the power of words as participants delivered eloquent speeches on given topics. With a unique twist added to the challenge, the event showcased participants' creativity, insight, and effective communication skills.



CALL OF DUTY GAMING COMPETITION: ON 16TH MARCH

Description: Engage in intense combat and tactical battles as teams competed in the Call of Duty gaming event. With adrenaline-pumping action and fierce competition, participants battled it out for a chance to win exciting prizes.

EINSTEIN HAMMER - QUIZ COMPETITION ON 15TH MARCH

Test your knowledge and quick thinking in this thrilling quiz competition. With engaging and informative questions, participants competed in nail-biting rounds, showcasing their wit and attentiveness.

Technical Survey regarding power generation via Solar panels

In a successful endeavor by the **IEEE Student Branch of AISSMS IOIT**, a comprehensive Technical Survey was conducted to assess the feasibility and effectiveness of solar energy as an alternative power source for the college campus. Solar panels at AISSMS IOIT were successfully implemented after a Technical Survey. Results showed a significant reduction in grid electricity dependency. With strategic positioning, the panels generate 4-5 kWh of electricity per day per kWp capacity. This eco-friendly initiative reduced the college's carbon footprint while ensuring a reliable power supply to academic buildings and offices



Bio-Medical Instrumentation & Design Workshop

The recent 5-day workshop organized by the Faculty and Students of VIIT was held for students from SVJCT B.K.L. Walawalkar Hospital & Rural Medical College in Sawarde, Ratnagiri. The workshop served as an inter-college event, with participation from both students and faculty of B.K.L. Walawalkar institution. Its main objective was to provide a platform for students to enhance their knowledge and skills in their respective fields of study. Throughout the workshop, various sessions were conducted, featuring speakers from VIIT who shared their knowledge and experiences with the participants. The workshop successfully fulfilled its purpose by providing valuable insights and learning opportunities for the attendees, enabling them to broaden their understanding and excel in their academic pursuits.



Seminar on IEEE XPLORE

Joining forces with **D. Y. Patil Institute of Technology**, a captivating seminar on **IEEE XPLORE** was hosted, attracting a total of 140 participants. Renowned guest speaker, **Mr. Gaurav V. Date**, Training Manager at West India EBSCO Information Services, shed light on the advantages of IEEE membership and the functionality of IEEE XPLORE. Engaging sessions, an interactive quiz, and the acknowledgment of the top three winners made the event an enlightening experience. Attendees left the seminar with a newfound curiosity about IEEE and its invaluable resource, IEEE XPLORE



Capturing the Environment through Posters & Videos

From 4th June to 7th June, IEEE VIIT Student Branch in collaboration with IEEE Pune Section successfully conducted the event "Green Frames: Capturing the Environment through Posters & Videos". The event aimed to celebrate the power of visual media in raising awareness about environmental issues and promoting the importance of environmental conservation. The competition encouraged participants to think critically about environmental issues and present their ideas through engaging posters and videos. By harnessing the power of visual media, the event aimed to inspire greater awareness and appreciation for our precious environment.



Effective Ways of Writing Research Article

The seminar on "Effective Ways of Writing Research Articles," held at Dr. D. Y. Patil Institute of Technology, Pimpri, was valuable for researchers and aspiring authors. Dr. Amol Ingawale and Mr. Yogesh Nagargoje were the key speakers who shared their expertise and knowledge with the participants. The seminar aimed to enhance skills in research article writing, time management, text summarization, and innovation in writing. Dr. Ingawale emphasized the importance of clear communication and rigorous research methodologies, while Mr. Nagargoje provided practical tips for effective time management.



The interactive sessions allowed participants to share experiences and seek expert advice. The key takeaways included improved writing skills, efficient time management techniques, an understanding of text summarization, and the encouragement to embrace innovative approaches. Overall, the seminar successfully achieved its objectives, empowering participants to become better writers and researchers in their academic pursuits.

Non-technical Training

The Add-on Non-Technical Training on "Public Speaking" organized by the IEEE Student Branch of DYPIEMR, in collaboration with Mrs. Asavari Bhavasi, was a transformative event that aimed to improve communication skills and boost student confidence. From April 18th to April 19th, 2023, students participated in practical training sessions focused on speech delivery, body language, and vocal modulation. Interactive exercises encouraged active participation and allowed students to practice their skills. The training had a profound impact, equipping students with the ability to express themselves effectively and confidently. Overall, the training empowered students to excel in various professional settings and provided them with valuable communication skills for their future endeavors.



An IoT Forecast That's Sunny and Clear (No Clouds!)

The PCCOE IEEE Student Branch and the Information Technology Students Association organized an international event featuring a captivating talk titled "An IoT Forecast That's Sunny and Clear (No Clouds!)" by technology expert Ms. Kathy Giori on the 5th of June. The presentation emphasized the value of using open-source software and technologies to ensure privacy in smart home devices.

Ms. Kathy showcased the Candle Smart Home and WebThings Gateway, demonstrating how a local approach keeps data and commands within the home while offering secure remote access via any web browser. The event provided valuable insights into IoT privacy, empowering attendees to prioritize privacy and explore open-source solutions in their smart home setups. Overall, our event successfully conveyed that privacy can be maintained in IoT. Kathy Giori's demonstration of open-source software inspired participants to leverage the W3C Web of Things standard and take control of their smart devices.



The Space Technology Design Challenge

From 18th to 20th of April 2023, Space Technology Research Group (STeRG) in collaboration with IEEE (MIT-WPU SB) successfully conducted the event "The Space Technology Design Challenge". The Space Technology Design Challenge (STDC) was organized with the objective of promoting innovation, generating interest in space technology, providing a learning platform, and identifying talented individuals interested in the field. The competition provided a platform for participants to showcase their skills and creativity, and the results were outstanding. Based on the entries received, three winners were selected to work with the CANSAT project. The CANSAT project is a real-life space technology project, and working on it provides an opportunity for the winners to gain hands-on experience and work with experts in the field.



Education Week

Under the guidance of **Dr. Rajashree Jain**, SICSR Branch counselor, the Education Week event organized by **Pravidhi: IEEE SICSR Student Branch** took place from April 5th to April 8th, 2023. The event comprised three online competitions: The Quiz Whizzes, Chess Competition, and The Creative Campaign.

The Quiz Whizzes, held on April 6th using Quizizz, covered topics like current affairs, history, science, and technology. Participants had to answer multiple-choice questions within a time frame, earning additional points for early submissions and correct answers.



On April 7th, the Chess Competition on Chess.com involved registered participants playing knockout matches with communication through a chat feature. The Creative Campaign began on April 5th using Canva as the platform. Contestants were tasked to create content on Sustainable Development of Education using Technology, with judging based on creativity, originality, and relevance.

The event successfully engaged students in learning, strategic thinking, and creativity. Winners included **Hrishab Raj** for The Quiz Whizzes, **Tarang Somanna** for Chess Competition, and **Rahul Bihani** for The Creative Campaign. The event left a lasting impression and was commended for its organization and impact.



Capturing the Environment through Posters & Videos

PCCOE IEEE Student Branch and Information Technology Students Association organized a session on World Environment Day Awareness. The interactive session engaged approximately 50 students through a well-prepared Presentation. Real-life experiences highlighted individual contributions. Topics such as climate change, pollution, and biodiversity were covered, inspiring students to take proactive steps. **IEEE, ITSA**, and senior student members participated enthusiastically. The interactive session engaged approximately 50 students through a well-prepared Presentation. Real-life experiences shared by speakers highlighted the importance of individual contributions. QR codes encouraged student participation.



Students took proactive steps to protect biodiversity, pollution, and climate change. The event received enthusiastic participation & support from **IEEE, ITSA**, and senior student members. PCCOE IEEE Student Branch strives to foster environmental awareness.



CREDENZ'23

Pune Institute of Computer Technology IEEE Student Branch (PISB) conducted the flagship event, CREDENZ 23 in May'23.

The event featured various technical and non-technical events engaging more than 1000 students across colleges, and providing an excellent opportunity for Academic connections, Brand Awareness, Product Awareness and Recruitment.

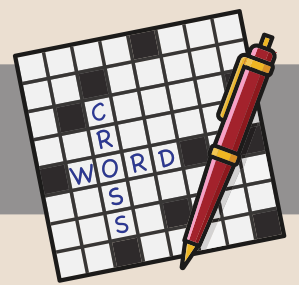
It was very wonderful experience to meet enthusiastic IEEE student members of PICT IEEE Student Branch (PISB) along with dynamic Madhuri Wakode – Branch Counselor.



Tech-Fest @SKNIEEE

Here are some glimpses of Tech-Fest arranged at SKNIEEE SB





Find the words



- Computer
- JQuery
- CSS
- PHP
- System
- Web

Guess who am I?

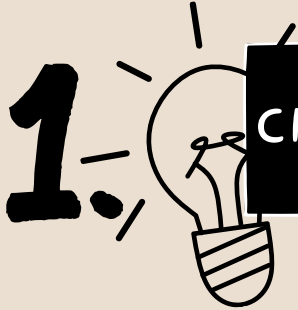


1. I have cities, but no houses. I have mountains, but no trees. I have water, but no fish. What am I?
2. I'm fundamental and used to build larger structures. While you'll find many different kinds of me, we all just mess with information in different ways. What am I?
3. What is next in this sequence of numbers: 1, 11, 21, 1211, 111221, 312211, _____?

EXPERIENCE DIARIES



Being part of the Institute of Electrical and Electronics Engineers (IEEE) Pune Section has been an incredible journey that has shaped my personal and professional growth. From my early days as a student member to my current role as a Young Professional, I have had the privilege of contributing to various initiatives & witnessing the transformative power of IEEE in each volunteer's life.



NURTURING GROWTH & EMPOWERING CHANGE: MY JOURNEY AS AN IEEE STUDENT MEMBER IN THE IEEE PUNE SECTION



ONE OF THE MOST REWARDING EXPERIENCES DURING MY TIME AS AN IEEE STUDENT MEMBER WAS VOLUNTEERING FOR THE IEEE ALL INDIA STUDENT YOUNG PROFESSIONALS WOMEN IN ENGINEERING (AISYWLC) 2022. IT GIVES ME AN OPPORTUNITY TO MEET AND WORK WITH THE MOST ENTHUSIASTIC PEOPLE FROM DIFFERENT PARTS OF INDIA. WORKING ALONGSIDE A PASSIONATE TEAM, I REALIZED THE POWER OF COLLABORATION AND THE IMPORTANCE OF SUPPORTING AND UPLIFTING EACH OTHER IN OUR PROFESSIONAL JOURNEYS.

WORKING IN THE SAC WEBSITE TEAM PROVIDED ME WITH VALUABLE TECHNICAL AND COMMUNICATION SKILLS. IT ALSO GAVE ME A DEEPER UNDERSTANDING OF THE INNER WORKINGS OF IEEE AT THE LOCAL LEVEL. COLLABORATING WITH FELLOW STUDENTS, FACULTY ADVISORS, AND INDUSTRY PROFESSIONALS ALLOWED ME TO EXPAND MY NETWORK AND LEARN FROM INDIVIDUALS WITH DIVERSE BACKGROUNDS AND EXPERTISE.

PARV GUPTA

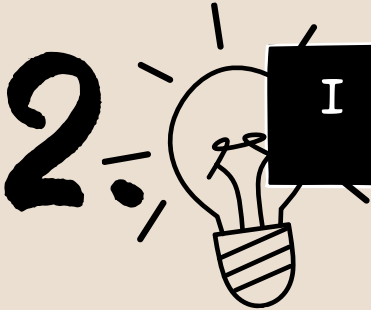
YP VOLUNTEER AND WEBSITE TEAM LEAD

MY JOURNEY AS AN IEEE STUDENT MEMBER IN THE IEEE PUNE SECTION HAS BEEN A TRANSFORMATIVE EXPERIENCE, SHAPING MY PERSONAL GROWTH, EXPANDING MY TECHNICAL KNOWLEDGE, AND NURTURING MY PASSION FOR MAKING A POSITIVE IMPACT IN THE WORLD. FROM VOLUNTEERING IN THE AISYWLC 2022 TO BEING PART OF THE SAC WEBSITE TEAM AND CONTINUING AS A YOUNG PROFESSIONAL, I HAVE WITNESSED THE POWER OF COLLABORATION, MENTORSHIP, AND COMMUNITY IN DRIVING INNOVATION AND EMPOWERMENT.

IEEE HAS PROVIDED ME WITH A PLATFORM TO CONNECT WITH BRILLIANT MINDS, LEARN FROM INDUSTRY LEADERS, AND CONTRIBUTE TO MEANINGFUL INITIATIVES. I AM GRATEFUL FOR THE OPPORTUNITIES IT HAS PRESENTED AND THE INVALUABLE RELATIONSHIPS I HAVE BUILT ALONG THE WAY. AS I CONTINUE MY JOURNEY, I LOOK FORWARD TO FURTHER CONTRIBUTING TO THE IEEE PUNE SECTION AND BEING PART OF THE GLOBAL MOVEMENT TO ADVANCE TECHNOLOGY FOR THE BENEFIT OF HUMANITY.

EXPERIENCE DIARIES

You know, when I first heard about IEEE, I was curious but also a bit skeptical. I mean, why should I invest my time and energy into it, right? But let me tell you, my journey with IEEE has been nothing short of amazing, and I want to share why I believe it's worth every moment.



I MEAN, WHY SHOULD I INVEST MY TIME AND ENERGY INTO IT, RIGHT?



IEEE IS A GLOBAL COMMUNITY THAT HOLDS IMMENSE RESPECT AND RECOGNITION, OFFERING INCREDIBLE CONNECTIONS AND OPPORTUNITIES FOR INDIVIDUALS TO JOIN. AS A MEMBER, YOU JOIN A BIG TECH FAMILY WITH CONNECTIONS AROUND THE WORLD, BRINGING TOGETHER BRILLIANT MINDS FROM DIFFERENT COUNTRIES. THESE CONNECTIONS HAVE OPENED DOORS TO RESEARCH COLLABORATIONS, INTERNSHIPS, AND FUTURE EMPLOYMENT OPPORTUNITIES, SHOWCASING YOUR SKILLS AND DEDICATION.

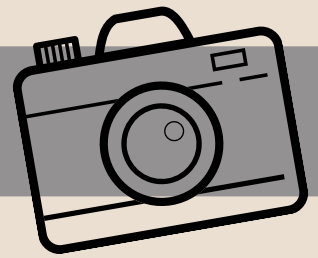
IN ADDITION TO TECHNICAL EXPERTISE AND ACADEMIC GROWTH, IEEE HAS GIVEN YOU A NETWORK OF BRILLIANT MINDS AND LIFELONG FRIENDS. THESE CONNECTIONS HAVE ENRICHED YOUR COLLEGE EXPERIENCE AND BECOME A SOURCE OF INSPIRATION AND MOTIVATION. THE INCREDIBLE EXPERIENCES AND MEMORIES CREATED TOGETHER ARE FILLED WITH FUN, LAUGHTER, AND A SENSE OF CAMARADERIE,

GOPAL TANPURE

EVENT MANAGEMENT TEAM CO-LEAD
IEEE PUNE SECTION

THE BENEFITS OF IEEE EXTEND BEYOND COLLEGE LIFE, AS IT HOLDS TREMENDOUS VALUE FOR THOSE LOOKING TO PURSUE HIGHER STUDIES OR KICKSTART THEIR CAREER. ONE ASPECT THAT I'M PARTICULARLY EXCITED ABOUT IS THE INCREDIBLE LETTERS OF RECOMMENDATION (LOR) THAT I'LL RECEIVE FROM THESE PROFESSORS. HAVING STRONG LORS IS VITAL WHEN APPLYING FOR HIGHER STUDIES, AND WITH THE SUPPORT OF IEEE, I HAVE THE CONFIDENCE THAT THESE RECOMMENDATIONS WILL SPEAK HIGHLY OF MY SKILLS, DEDICATION, & POTENTIAL. THE PASSION BEHIND IEEE LIES IN ITS PERSONAL GROWTH, INCREDIBLE CONNECTIONS, AND UNFORGETTABLE ADVENTURES IT OFFERS. IT IS NOT JUST AN ORGANIZATION; IT'S A JOURNEY THAT SHAPES YOU INTO A CONFIDENT, WELL-ROUNDED INDIVIDUAL READY TO CONQUER THE TECH WORLD. IF YOU'RE LOOKING FOR A COMMUNITY THAT PUSHES YOU TO YOUR LIMITS, PROVIDES AMAZING EXPERIENCES, AND IS THERE FOR YOU EVERY STEP OF THE WAY, THEN IEEE IS THE PLACE FOR YOU. JOIN US AND EMBARK ON THIS INCREDIBLE JOURNEY TOGETHER.

PHOTOGRAPGY CORNER



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(Chair,IEEE Pune Section)**



**By: Isha Dasharathe
(Team Lead,Content and Newsletter SAC IEEE Pune Section)**



**By: Dinanath Kholkar
(Chair,Membership Development, Industry Relations,IEEE Pune Section)**

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