2024

IEEE SB RSET

ANNUAL NEWSLETTER

IEEE

RSET
RAJAGIRI SCHOOL OF ENGINEERING & TECHNOLOGY
(AUTONOMOUS)

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MESSAGE FROM THE CHAPTER ADVISOR

"An engineer's expertise is not limited to one field; they are masters of adaptation."

An engineer's knowledge is a mixture of math and science fundamentals, design principles, and both the state-of-the-art and emerging technologies that are applicable to industry and research-oriented future. It develops skills that will not expire a few years after graduation but, rather, will be the foundation for lifelong learning. Moreover, it is about developing many essential competencies to manage transdisciplinary projects. While that may sound ambitious, it is a perfect match for a profession that, like the IEEE tagline says, focuses on "advancing technology for humanity."

Being a member of IEEE expands our horizon to experiment our knowledge in engineering. Engineers envision the future and brings it to life through their creativity. The year 2023 was uch an year were in our student members converted an old bus to a room for our IEEE SB. I take this opportunity to appreciate the efforts of the current and past execom members.
The strength of our SB is our members and their motivation. Lets continue to be inspired to

'Make a Difference'.

Dr. Elizabeth Rita Samuel

MESSAGE FROM THE PREVIOUS CHAIR

In the journey of an engineering student at Rajagiri, one might find the avenues for fun and entertainment somewhat limited. However, therein lies an opportunity that often goes unnoticed. Joining clubs like IEEE isn't merely about ticking boxes or filling time; it's about embracing the joy of learning and growing together.

It's true, isn't it? When people ask, "Why join a club or IEEE?" the immediate response might be, "Why not? It's fun!" Yet, beyond the surface allure, lies a treasure trove of opportunities: exposure, connections, skills, and more. For me, personally, IEEE has been instrumental in understanding my own value as an aspiring engineer.

Let's address the common refrain of "I'm just a beginner; I know nothing." Remember, the door to success doesn't just appear behind you. It's about recognizing that while IEEE doesn't hand you the keys to that door, it certainly equips you with the tools to reach it. Success isn't about where you start; it's about the journey, the process, that determines where you end up.And rest assured, from zero to a hundred, it's always about that journey, not just the individual traversing it.

Reflecting on my own journey from the first year until now, it's difficult to quantify the depth of knowledge and experience gained. But one thing is clear: it's not a solitary pursuit. It's about the collective effort, the shared victories.

In an age where information is at our fingertips, learning and development seem within reach. Yet, true collaboration, the camaraderie found in groups like clubs, is irreplaceable. It's in these spaces that we find not only the opportunity to work together but to celebrate successes collectively.

As I often say, "Be the change you wish to see." It's about leading by example, effecting change within ourselves and inspiring others to do the same. To make a positive impact, action is paramount. With dedication and the right opportunities, personal and societal growth become attainable aspirations.

From undertaking projects to rallying the IEEE bus, from aiding fellow students to attending classes, every step taken transforms us. It's through these experiences, from creation to sharing, that I've come to see myself as a social worker. With nothing more than enthusiasm and determination, I assure you, great strides can be made.

As a testament to this belief, I leave you with this message. May it serve as a reminder that with unwavering determination, success is not a distant dream but an achievable reality.

Muhammed Nihal C

MESSAGE FROM THE PREVIOUS VICE CHAIR

Hello Everyone,

When I began college, I made a promise to myself: I wasn't going to let any opportunity pass me by, even if I was the only one on board. No more missin g out like in school.

So, when our SB hosted an induction program during our first year, I threw myself into it. Even though most of the events were online due to the pande mic, I signed up for every opportunity that came. And you know what? It wa s totally worth it. Before long, I found myself being asked to lend a hand in o rganizing an event. It was a real boost to my confidence.

Being part of the planning process was incredibly rewarding. I discovered a passion for
management and organization that I never knew I had. And there's somethi ng special about working with a team towards a shared goal – it's an experi ence like no other.

Through IEEE SB RSET, I've had the privilege of meeting some amazing indivi duals and honing a wide range of skills, from mastering documentation and public speaking to refining my networking abilities.

So many opportunities opened up, like being a part of the IEEE Kochi Subsect ion team where I got to organize events and also get lifelong friendships.

Serving on the exe-com has been quite the journey – learning from missteps, celebrating victories, and supporting each other every step of the way.

As my time with IEEE RSET SB draws to a close and as my 4-year college jour ney comes to an end, I'm reminded that volunteering is more than just a coll ege activity – it's a lifelong commitment. IEEE is a goldmine of opportunities, and I hope more people have the chance to forge lasting friendships and gle an valuable life lessons through it.

To the next team: you've got what it takes! Excited to see where your team work will take us.

Sanjana Nair

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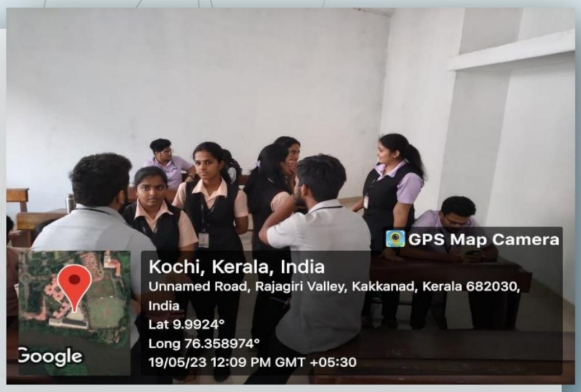
ANNUAL GENERAL MEETING

The Annual General Meeting for 2023-24 took place on May 24, 2022, from 4:00 to 6:30 pm offline. Dr. Elizabeth Rita Samuel and Mr. Nithish Kurian opened the event, inspiring members to embrace challenges and celebrating their achievements. Ann Natasha and Sagar Suresh were recognized as Outstanding Student Volunteer and Wie Volunteer. Past Execom member shared memorable talks, followed by Ben Baiju presenting the Annual Report. SBC Chairs of 2022 shared society reports, and Edwin Thomas Mathew presented the financial report. Mohammed Nihal introduced the new Execom members, marking a successful event aiming to uphold SB's legacy.

TALK ON THE BENEFITS OF IEEE



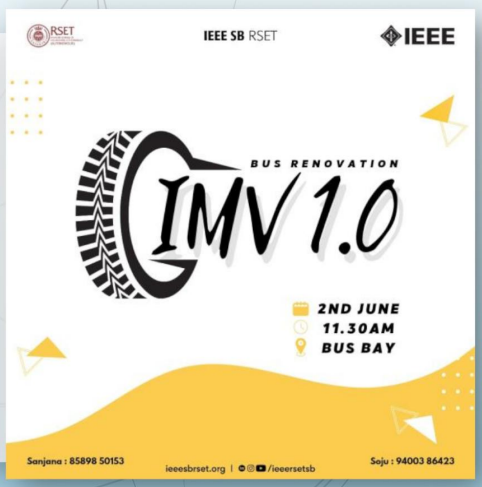
The "Benefits of IEEE" talk, organized by the Execom members, aimed to highlight theadvantages and opportunities offered by IEEE membership. Students from various departments attended, where society chairs introduced different societies and encouraged membership. Juniors' doubts about IEEE were addressed, providing clarity. By the end, students gained a clear understanding of IEEE membership procedures and its society benefits. The event was conducted on 19th May from 11:30 am to 12:30 pm.

F2F

The LINK'23 team of IEEE hosted a 2-day offline training program on February 19, 2023,at RSET, Kochi for SB Chairs. The program aimed to inspire and empower them to be effective leaders. With 70 participants, it offered networking, idea sharing, and expert sessions on communication, leadership, and project management.

BUS REMAKING

The Execom members held a productive open discussion on planning and designing the IEEE container bus. Around 20 members actively participated, sharing valuable insights. A preliminary interior vision was formulated, and tasks were divided among members for efficient progress. A concise design plan was sketched as a visual reference for future phases.
The event was conducted on 2nd June from 11:30am to 12:30pm.



INK AND INSIGHTS

EEE Xplore is a digital library with a vast collection of scientific and technical content. "Ink and Insights," led by Dr. Elizabeth Rita Samuel, offered valuable guidance on research papers and seminar projects, emphasizing effective use of IEEE Xplore. Attendees learned practical techniques for literature reviews, paper structure, and citation methods, enhancing their research skills.The event was conducted on 13th October from 11:30 am to 12:30pm.

LET'S TALK 1

IEEE Student Branch RSET hosted the event "Let's Talk" on May 26 at Chavara Hall, featuring distinguished alumnus Mr. Rohith Joseph Mathew. He shared valuable insights on the benefits of IEEE membership and offered essential advice on engineering principles. Mr. Mathew, a successful professional in the field, engaged the audience with his expertise, answering questions and providing guidance to attendees.

LET'S TALK 2

Let's Talk 2 was the second talk session in the Let's Talk Series .It was conducted on 8th June 2023 at Seminar Hall,KE Block.The main speaker for the event was Dr. John Jose who is an Associate Professor at IIT Guwahati and vice chair of Industry Academia Collaboration,IEEE India Council.He presented a very informative session on career planning and professional growth for the budding professionals.

MAZE RUNNER

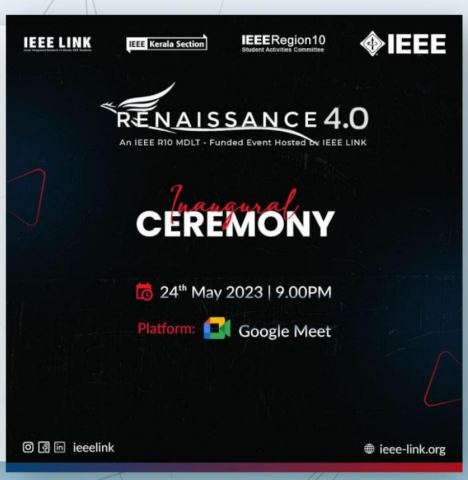
Maze runner was an innovative competition with several rounds resembling an actual maze challenge. It was conducted as part of IEEE week . It had 4 rounds including a coding challenge and the whole competition proved to be highly interactive and engaging for all the participants. It was conducted on 14th October from 9am to 3pm.

MICROMASTER

Micromaster was a workshop on Microcontroller Project Implementation. It was conducted as part of the IEEE week celebrations. The session was taken by Nihal Rahoof of S7, EEE. The workshop was undoubtedly informative and helpful for all the participants, especially those preparing for projects based on Microcontrollers and their diverse applications. It wasconducted on 10th October from 4:30pm to 5:30pm.

RENAISSANCE 4.0

Renaissance 4.0, launched on May 25th, 2023, by IEEE Kerala Section and R10 SAC, aimed to revitalize inactive Student Branches (SBs) and bolster membership growth. Fifteen SBs were identified for participation, with Branch Counselors nominating ten promising students each. A mentor team of fifteen active SB volunteers was formed to guide participants and organize sessions. Eight talk sessions and four competitions were conducted, covering volunteerism and technical insights from esteemed IEEE volunteers. The inaugural ceremony on June 25th, 2023, led by Prof. Muhammed Kasim S, witnessed 40 attendees, marking the program's kickoff.



SCULPTORIA

Sculptoria was an event conducted to give students an introduction to rapid prototyping.It was based on digital fabrication along with a Steag center visit.The event was very productive for the participants.It was conducted on 11th October from 4:30pm to 5:30pm at the Steag Center.

SERVERSIDE MAGIC

Serverside Magic was a hands-on workshop conducted on backend development using Mongodb, NodeJs, ans ExpressJs.The session was handled by Shiva Sundar and Vishal Shankar ,students of S7 CSE.It was a very informative session for all the students. It was conducted on 13 October from 4:30pm to 5:30pm.

PITCH IT 2.0

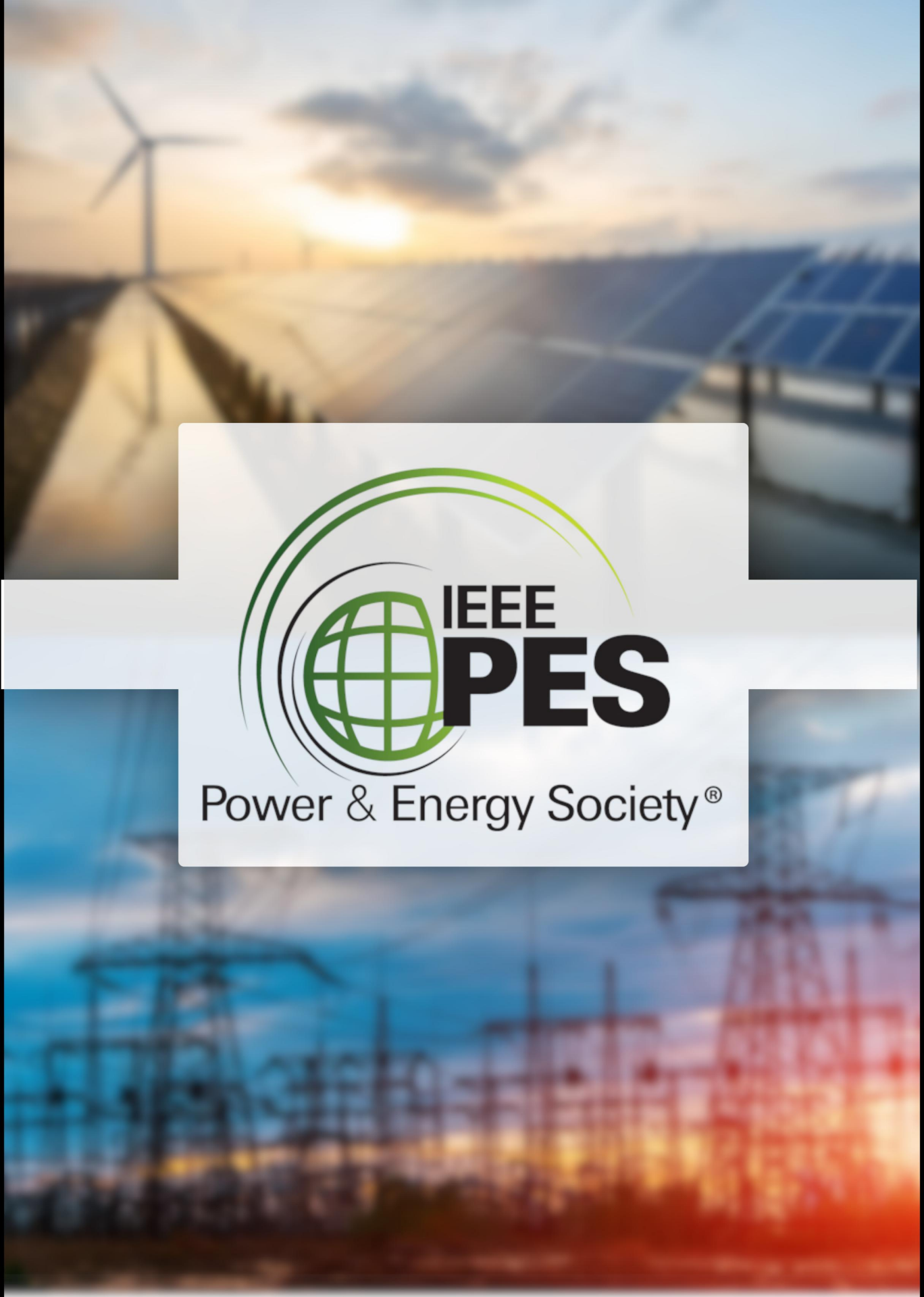
The private networking session held on 28 June provided founders and representatives with a unique opportunity to engage with Mr. Shivananda Salgame, a seasoned specialist in the social impact space. Moderated by representatives from SOCIAL, the session comprised 8- minute networking slots for each participant, ensuring focused discussions on topics ranging from social entrepreneurship to impact strategies. Participants gained valuable insights from Mr. Salgame's extensive experience, while the session facilitated potential collaborations and partnerships among startups. Overall, the event proved instrumental in fostering a dynamic ecosystem supportive of social innovation and entrepreneurship.

BAZINGA BASH

Bazinga Bash, a dance event, was organized in partnership with the Pravaaha (dance) club of RSET. The event's highlight featured Pravaaha members instructing reels to the audience, who enthusiastically participated in the performances. The event was conducted on 25th November.

BLEND OF KALA

Blend of Kala was an openmic event conducted as part of Bazinga 3.0 .The event showcased the talents of different students in diverse fields of music involving a band and singers.The event gave a beautiful end to the bazinga activities. It was conducted on 25 Nov from 3pm to 4:30pm.



IEEE PES

Power & Energy Society®

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POSTER MAKING COMPETITION

As a part of IEEE PES DAY 2023, the IEEE PES RSET SBC conducted an online Poster Making Competition. The event was released on 20th April 2023 based on four topics:
1. Powering the climate for a safer future
2. Climate change a silent catastrophe
3. Effects of climate change
4. A safe future
It was conducted completely online.

ARTICLE WRITING COMPETITION

As a part of IEEE PES DAY 2023, the IEEE PES RSET SBC conducted an online article
writing competition " PAGES OF AGES". The event was released on 20th April 2023 based
on four topics:
1. Powering the climate for a safer future
2. Climate change a silent catastrophe
3. Effects of climate change
4. A safe future
It was conducted completely online.

THE VISUAL VORTEX

As a part of IEEE PES DAY 2023, the IEEE PES RSET SBC conducted an onlinePhotography competition " THE VISUAL VORTEX". The event was released on 20th April 2023 based on four topics:
1. Climate Change in Action2. Urbanization But at What Cost
3. Why Nurture Nature
4. A Safer Future
The last date was 25th April 2023 and 27 participants responded to the google form.
It was conducted completely online.

SOLAR POWER PLANT VISIT

RSET IEEE PES SB organized a solar visit to the RSET Solar Power Plant for EEE students. The primary objective of the solar visit was to provide EEE students with practical exposure to solar power generation and its associated technologies. It aimed to enhance their understanding of renewable energy sources and their applications. The participants were given a comprehensive tour of the RSET Solar Power Plant and control room , where they observed the various components involved in solar energy generation, including solar panels, inverters, monitoring systems, and connection to the grid. The plant's operators provided detailed explanations of the plant's design, operation, and maintenance practices.

LAST HURRAY

On 26th May 2023, the new PES Executive Committee members organized a special honoring ceremony to recognize and express gratitude to the former PES Execom members for their invaluable contributions and dedicated service to the organization. The event aimed to acknowledge their accomplishments, foster a sense of unity between past and present Execom members, and strengthen the PES community.

SUBSTATION VISIT

On 16th JUNE 2023, RSET IEEE PES SB organized a substation visit to the RSET Substation Plant for EEE students. The primary objective of the solar visit was to provide EEE students with practical exposure to the instruments and machines at the substation and its associated technologies. It aimed to enhance their understanding of electrical machines and their applications. The participants were given a comprehensive tour of the RSET Substation and control room, where they observed the various components involved in power distribution, inverters, monitoring systems, and connection to the grid.

CIAL SOLAR POWER PLANT VISIT

On 16th of September 2023 IEEE PES SBC RSET organized a visit to Cochin International Airport Limited (CIAL). The visit was part of an educational initiative to provide students with practical insights into the field of power and energy .The visit of 40students included a tour of the facilities (both rooftop and floating solar power plant) and interactions with the experts and professionals at CIAL. The visit was an enriching and educational experience for all the students, providing them with valuable insights into the innovative energy practices and sustainable initiatives implemented at CIAL.

IEEE DAY PES QUIZ

On 3rd October 2023, RSET IEEE PES SB organized a quiz in collaboration with the section for all first year RSET students. The event was organized as part of the celebrations for IEEE Day. The primary objective of the event was to provide students with knowledge and insight into IEEE And IEEE PES along with enhancing their general knowledge skills. The event was conducted in online mode through google forms. The participants were given 30 minutes to complete 30 questions and emerge in theleaderboard.

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CASE CRUSADERS

The Case Crusaders event held online on May 5th, 2023, saw 15 participants, including 6 IEEE members, competing to enhance their critical thinking and problem-solving skills. Winners included Alan Thomas and Aditya Suresh in first place, Amal John Varghese and Abhishek in second place, and Vian Vinod, Harishankar, Vishnu Sooraj, and Amal Thomas in third place. The competition provided a platform for skill development, networking, and promoting excellence within the IEEE community.

ELECTRA

"ELECTRA," a Basic Circuit Designing Competition held on June 23, 2023, aimed to foster practical learning and application of circuit design principles among students at RSET. Open to first, second, and third- year students, the competition tailored challenges to their academic levels. Utilizing Tinkercad, a virtual platform, 11 teams engaged in designing and simulating circuits, showcasing their skills and innovative thinking. Challenges were customized based on participants' curriculum, ensuring fairness and alignment with their academic progression.

COGNITION

The Cognition (Membership Development Session) held on May 11th, 2023, online via Google Meet, facilitated by IEEE SB RSET, IEEE Sahrdaya SB, and CCE SB, aimed to enhance membership growth and development within the IEEE community. Featuring speakers Govindaraman S and Thomas K Gimmy, the session provided valuable insights and strategies, fostering discussions and sharing of experiences among the 55 participants.

BASIC DIGITAL TECHNOLOGIES

The session on Basic Digital Technologies for members of Kerala Thozhilorap Padhthi was held on June 30th, 2023, from 10:00 am to 10:30 am. Coordinated by Aparna G, Ananthu S, Neeraj Balamurali, and Ann Nathasha, the event aimed to equip participants with essential digital skills. With a concentration level at theSection Level and a humanitarian focus, the offline session catered to the specific needs of the members.The active participation of four IEEE members ensured a fruitful discussion and knowledge sharing.

FRAMES OF FICTION

The Frames of Fiction event, hosted by IEEE SB RSET in collaboration with IEEE Sahrdaya SB and CCE SB as part of La Guerre on May 3, 2023, provided participants with an opportunity to showcase their creativity. Participants from diverse backgrounds including storytelling, literature, and technology came together to engage in this unique competition. The event challenged participants to craft stories based on a series of given pictures, sparking excitement and anticipation throughout. With a single round format, participants were tasked with interpreting the images and drafting short stories or scripts, making it a lively and engaging affair.

COLOSSEUM CAPTURE

The Colosseum Capture was an online Capture the Flag (CTF) competition organized by IEEE SB RSET, in collaboration with IEEE Sahrdaya SB and CCE SB, as part of La Guerre on May 7, 2023. The event attracted 33 participants, including 15 IEEE members. Participants competed in solving cybersecurity challenges, exploiting vulnerabilities, analyzing code, and solving puzzles to capture flags hidden within. The competition offered a prize pool of 5000 rupees to the top-performing teams.

RAW TO PRO

The industrial visit organized by IEEE IAS to Nitta Gelatin in Koratty on November 8, 2023, provided 30 students with firsthand insights into ossein production and its byproducts. Nitta Gelatin, renowned for its expertise in gelatin and collagen peptides, showcased its commitment to sustainability while guiding students through its manufacturing processes. The visit underscored the diverse applications of ossein byproducts in pharmaceuticals, food, and cosmetics industries. Overall, it was a successful and educational experience, enriching students' understanding of industrial production and fostering appreciation for the intricacies of the manufacturing sector.

MURDER MYSTERY

The Chinthamani Kolacase, a murder mystery event, was held on November 25, 2023, as a highlight of IEEE Bazinga 3.0. Nine teams, each with three members, totaling 27 participants, engaged in this gripping one-day challenge. The event began with an immersive murder mystery scenario, captivating participants and setting the stage for a day filled with intrigue. Teams utilized their problem-solving skills and collective intellect to decipher clues and solve the enigma. Organized by the IEEE Bazinga 3.0 committee, the event promoted critical thinking and teamwork in a unique and entertaining manner, culminating in its resounding success.

IEEE Women in Engineering

WiE

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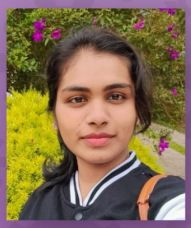

TREASURER
Irene Rose Joffy

STRATEGIC SURVIVAL

IEEE WiE AG RSET, IEEE WiE AG PEC, and IEEE WiE AG SSET collaborated to organize "Strategic Survival," a case study and presentation event during WiEbela-WiE week on March 12, 2023. The event aimed to provide participants with hands-on experience in analyzing a case study, generating alternative solutions, and understanding the consequences of those solutions. The chosen case study was "The Fall of the MoviePass". Participants were required to submit their PowerPoint presentations based on their case study analysis, and the best submissions advanced to the presentation round. Out of 10 registrations, Marina Rose from Muthoot Institute of Science and Technology emerged as the winner of the event.

GENESIS

An was organized by the RSET IEEE WiE from 6pm to 7pm on the 14th of August. The organizing committee consisted of the WiE team- the Chair Aleena Mary Karatra, Vice Chair Ashleen Sunil Mathew and Secretary Anushri Dilip .The event was exclusively held for the first, second and third year students of the Rajagiri School of Engineering and Technology, Kakkanad and had a total turnout of 55 participants. The event was held at Multimedia hall,where the participants were given insights on career opportunities in Korea.This talk was taken by Go Dahyun and she even enlightened the students about the work culture in Korea. The session was held on 11th July,2023 at 11 am for a duration of 45 minutes at multimedia hall.

GENESIS 2.0

RSET IEEE WiE conducted "Genesis 2.0", a session on how to get hired by Mrs.Anjali Nair. The event had 31 participants and was held at the Simulation Lab on 10th November 2023, 11:35 AM. It began with an introduction by the anchor Anjana Raju of S5 CSE Alpha. The session was handled wonderfully by the speaker, Mrs.Anjali Nair who gave tips on how to get hired with her personal experiences in the professional field. She gave an insight on how to improve ourselves and prepare for placements. The event ended on a good note with a memento being presented to the speaker.

RAMJI RANI SPEAKING

RSET IEEE WIE organized a panel discussion titled "Ramji Rani Speaking" as part of Bazinga, an event hosted by RSET IEEE SB. The discussion took place online via Google Meet on November 26, 2023, at 10 am. The panelists included Mrs. Sneha Srinivas, Associate Director at Cognizant Technology Solutions, and Ms. Roshna Saffar, Founder and Chief Sales Strategist at Virtual Captains, with Ms. Devika Das moderating the session. The main focus of the discussion was on the experiences of women in STEM fields. Both panelists shared their insights, tips, and views on working in STEM as women. The discussion covered various topics and provided valuable pointers for the audience. The moderator ensured a smooth flow of the session, and the panelists maintained a good rapport throughout. The event concluded successfully with positive feedback from the audience, who actively participated in the discussion. The overall response was favorable, with the audience expressing interest in similar events in the future.

IEEE
Robotics &
Automation
Society

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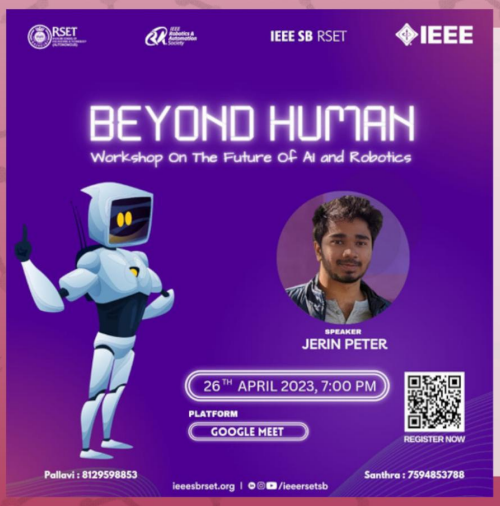
CIRCUIT WIZARDRY

Circuit Wizardry is an educational event that teaches participants how to use Arduino boards and software for building and programming electronic devices. Which was held on April 25th 2023, online via Google Meet. Saw 210 participants including 30 IEEE members. The speaker for the section was Jaikrishn Jayachandran. Overall, the section was successful and educational.



BEYOND HUMAN

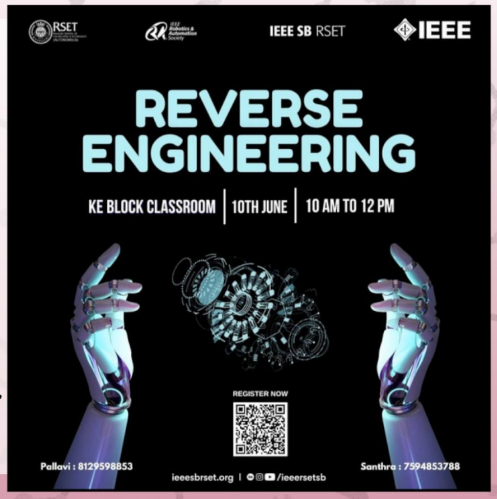
Beyond Human a talk on The Future of AI & Robotics, conducted by IEEE RAS RSET. Was hosted on April 26th 2023 online via Google Meet. Saw 88 participants including 21 IEEE members. The speaker for the section was Jerin Peter. It was a 1 and a half hour section. Overall, the section was successful and educative for all the participants about the future of AI & Robotics.

SPEAK UP

Speak Up, an event focusing on "The Future of Artificial Intelligence," where students presented their insights on AI's potential across industries and its societal impact, held on June 6th 2023.Judges, including Mohammed Nihal, Jetlee Jess Jain, and Jaikrishn Jayachandran, evaluated presentations based on speaking skills. Gautham Sanil and Adithya M from CS Beta won first prize, while Aiden Jose Preeth from AI & DS secured second. The event highlighted students' understanding of AI's future and honed their presentation abilities.

REVERSE ENGINEERING

The event, held on June 10, 2023, aimed to test participants' practical knowledge by identifying components of a given device within a specified time frame. Coordinated by Jaikrishn Jayachandran, Pallavi Ajith, and Santhra Philip. Four IEEE members and five non-IEEE members attended. Winners included Abraham Manoj Matamana (1st prize, S2 CS Alpha), Mohammed Zaamin Bin Hameed & Aravind K (2nd prize, ECE Beta & Alpha respectively), and Adithyan Darshan Kidav & Gokul Krishnan M (3rd prize, S4 CS Alpha & S4 EEE respectively).



ROBOS QUIZ

The event, held on June 10, 2023, focused on testing participants' knowledge and understanding of technical subjects through rapid-fire questions on current engineering designs and technologies. Coordinated by Jaikrishn Jayachandran, Pallavi Ajith, and Santhra Philip.Four IEEE members and five non-IEEE members attended the event. Winners included Abraham Manoj Matamana (1st prize, S2 CS Alpha), Adithyan Darshan Kidav & Gokul Krishnan M (2nd prize, S4 CS Alpha & S4 EEE respectively), and Shane K (3rd prize, S2 AD).

EXPLORING IOT: CONNECTING THE FUTURE

The workshop aimed to provide students with valuable insights and hands-on experience in IoT technology, enhancing their technical and problem-solving skills. Conducted by Jaikrishn Jayachandran (S5 ECE Beta) and Jetlee Jess Jain (S7 EEE), it contributed significantly to the institution's academic and technological advancement. With support from IEEE SB, the event facilitated learning and exploration of IoT's potential for the future

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INAUGRAL CEREMONY
9th MAY 2023

The event was marked by inspiring speeches and a palpable sense of excitement as attendees looked forward to a promising future of innovation and collaboration in signal processing. Following the ceremony, an exhilarating quiz competition added an interactive element, fostering knowledge exchange and friendly competition among participants.

INCEPTION - TREASURE HUNT

The Inception Treasure Hunt event, conducted in collaboration with FISAT, Adi Shankara Engineering College IEEE Student Branches and IEEE Signal Processing Society Kerala Section, was a thrilling and dynamic competition that brought together students from different institutions to showcase their problem-solving .

INCEPTION - MATLAB WORKSHOP

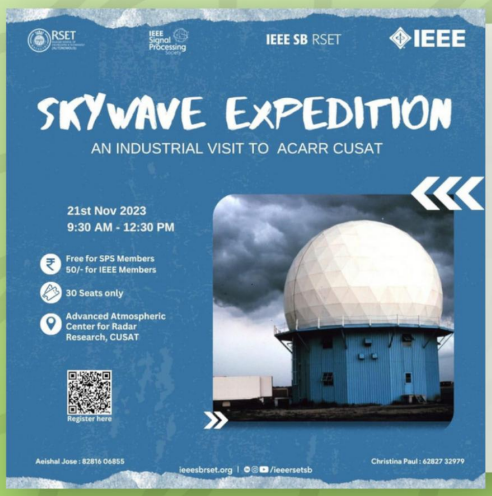
The Inception MATLAB workshop, held in collaboration with FISAT, Adi Shankara Engineering College IEEE Student Branches, and IEEE Signal Processing Society Kerala Section, was an educational highlight, bringing together students to enhance their MATLAB skills under the expert guidance of Nitheesh Kurian, Assistant Professor at Rajagiri School of Engineering & Technology.

POINT PURSUIT

Point Pursuit is a pioneering event that challenges participants in areas such as teamwork, decision-making, risk analysis, and knowledge application, making it a unique and one-of-a-kind experience.

FRAMECRAFT ANIMATION

Framecraft Animation offered a concise two-day workshop on animation basics followed by a lively competition. Attendees gained fundamental skills and techniques before showcasing their talents, fostering creativity and passion for animation.



SKYWAVE EXPEDITION

The Skywave Expedition, an enlightening industrial visit organized for students, proved to be an invaluable experience during their exploration of ACARR CUSAT. As they delved into the realm of cutting-edge technology and innovation, students were immersed in a captivating journey through the intricate workings of the facility. Witnessing first hand the application of theoretical concepts in real-world scenarios sparked their curiosity and ignited their passion for their chosen fields of study. The visit provided an unparalleled opportunity for students to interact with industry professionals, gaining insights, knowledge, and inspiration that will undoubtedly shape their academic and professional endeavours.

SPS DAY CELEBRATION

On June 2nd, the IEEE Signal Processing Society celebrated its day with a delightful cake-cutting ceremony, followed by an engaging and interactive session for students.

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PROMPTX

IEEE RSET CS SB conducted the "PromptX" session On 23rd June 2023 that took place at Zuse Lab, coordinated by Abhiram Ramachandran, Heithal Hanna Paul, Alna Khaleel, and Annu Abraham, aiming to familiarize college-level students with prompt- based AI technologies. Hosted by IEEE CS SB RSET, the event featured Alia Shiraz as the guest speaker. With 20 IEEE members and 48 non-IEEE attendees, the session delved into the capabilities, developments, and implications of ChatGPT.

MATRIX MAGIC

IEEE RSET CS SB conducted the "Matrix Magic: The MATLAB Experience" took place on 11th November 2023 at the Signals and Systems Lab, led by Assistant Professor Mr. Nitheesh Kurian from the Department of Electronics and Communication Engineering. The sessionintroduced 5 internal and 4 external students to MATLAB's basics, focusing on visualization, data manipulation, and analysis.

INTRODUCTION TO XTREME

IEEE RSET CS SB conducted The Introduction to Xtreme event held on 3rd October 2023 via Google Meet acquainted 67 internal students with the IEEE Xtreme coding competition.

TERNION

IEEE RSET CS SB conducted The coding competition "TERNION" on 14th April 2023, held via Google Meet and coordinated by Abhiram Ramachandran, Heithal Hanna Paul, Alna Khaleel, and Annu Abraham, aimed to showcase students' coding skills at the section level. Hosted by IEEE CS Kerala Chapter in association with IEEE SB RSET, IEEE SCT SB, and IEEE SB GCEK, the event attracted 90 IEEE members. Non-IEEE members also participated.

INVERTX

IEEE RSET CS SB conducted The "Reverse Coding Competition InvertX" held on 9th June 2023 at Zuse Lab, coordinated by Abhiram Ramachandran, Heithal Hanna Paul, Alna Khaleel, and Annu Abraham, aimed to foster creativity and problem-solving skills among college-level students. Hosted by IEEE CS SB RSET, it attracted 8 IEEE members and 20 non-IEEE attendees.

SEEK 2.0

IEEE RSET CS SB conducted the "Seek 2.0" held on 10th November 2023 at S7 CSA offered a thrilling Treasure Hunt competition. Participants, totaling 50 internal students, navigated through challenging clues across 5 levels within a set timeframe.

ACHIEVEMENTS

Dr. Elizabeth Rita Samuel
IEEE Kerala Section Outstanding Branch Counsellor Award

ANNU ABRAHAM
IEEE Xtreme 17.0 Campus Ambassador

ANN NATHASHA K Y
IEEE IA/IE/PELS Jt. Chapter Kerala Section

RYYAN SAFAR
FDC Project Group Coordinator - IEEE LINK

ABHIRAM RAMACHANDRAN
Outstandind Student Volunteer Award 2023

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