

MAGAZINE

2024

SPARKS AND STARS YESIST12 SKYLINE

Join us to shape innovation,
discover talent, and drive a
sustainable future.



A G E O F I N N O V A T I O N

TECHX

IGNITE THE FUTURE

What is TechX?

TechX is an umbrella event that brings together a diverse range of sessions and activities to address the evolving needs of computer science students and early career professionals. Through skill-up sessions, panel discussions, and interactions with industry leaders, TechX empowers participants to develop both technical and soft skills, preparing them for success in their careers.

Powered by IEEE CS SYP

The IEEE CS SYP Activities Committee is responsible for designing membership activities that cater to the specific needs of students and early career members. This initiative, led by Mr. Simenya Jonathan, aims to support IEEE CS TechX events across different geographic regions, ensuring a global reach and impact.

Organized by IEEE CS ENICarthage Chapter

The IEEE Computer Society ENICarthage SBC, Tunisia Section, R8 was founded in 2012. Recognized as the Outstanding Student Branch Chapter of the Month in Area 6 for April 2024, this chapter focuses on empowering computer enthusiasts by offering opportunities for learning, collaboration, and professional growth. By fostering a culture of innovation and cooperation, the chapter advances computing and IT in the region while upholding the global IEEE Computer Society's values and objectives.

Trusted by ENICarthage

The National School of Engineers of Carthage (ENICarthage) is a public higher education institution under the University of Carthage. It was established on July 9, 2002, initially as the Higher School of Technology and Computer Science (ESTI). In 2012, it was transformed into a National Engineering School, admitting students through the National Engineering entrance exam starting in September 2012. Since 2002, the school has been authorized to award Master's degrees and has integrated the LMD system since the 2007 academic year. The school offers specialized training in Electrical Engineering, Computer Science, and Industrial Management, including engineering programs in applied sciences and technology.



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CHAIRPERSON'S ADDRESS

This competition is more than just a showcase; it's a call to action. Your projects can shape the world of tomorrow. Let's focus on sustainable development and leave no one behind. Consider the interconnectedness of SDGs and how your initiatives can create positive change. We'll not only recognize outstanding projects but also foster a global community through knowledge sharing. Thank you to all participants, pilots, partners, and sponsors for your 8 years of dedication. Together, let's turn our vision for a sustainable future into reality. Your commitment inspires us all.



RAMALATHA MARIMUTHU

Founding Chair, IEEE YESIST12
Director, iExplore Foundation for Sustainable Development

"This competition is a call to action for a sustainable future. Your projects can shape the world. Let's work together, share knowledge, and create positive change. Thank you to all for your dedication. Best wishes as we embark on this journey"

MESSAGE FROM SECRETARIES



AKSHAYA S

As the Secretary of YESIST12 2024, I'm thrilled to be part of such a dynamic team. Our journey has been filled with growth and unwavering support. This role has provided invaluable experiences, and I'm inspired by my colleagues' dedication and creativity. Together, we've achieved remarkable milestones, driven by our collaborative spirit. I'm proud of what we've accomplished and look forward to embracing new challenges and achieving greater heights.

ARANGAN RISHIKESH T

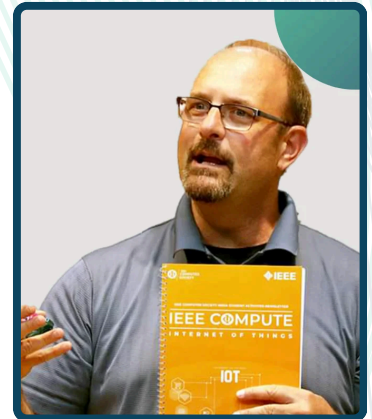
Serving as the Secretary of YESIST12 2024 has been a rewarding experience. I'm grateful for the opportunity to work with a talented team and contribute to our goals. This journey has enhanced my leadership and organizational skills. Together, we've created meaningful impacts and fostered innovation. We've overcome challenges and emerged stronger, paving the way for success. I'm honored to be part of this extraordinary team as we forge ahead, ready to tackle any obstacles and seize every opportunity.



INSIGHTS FROM THE ADVISORY COMMITTEE

ERIC BERKOWITZ

As an accomplished membership marketing executive, I bring extensive expertise in recruitment, retention, and engagement to YESIST12's advisory committee. With a proven track record in strategic marketing across diverse channels, I'm dedicated to enhancing awareness and driving revenue growth. My versatile skill set includes strategic marketing, brand management, and digital media. I possess a profound understanding of consumer behavior, enabling effective marketing tailored to diverse needs. I'm eager to leverage my experience to empower youth in innovation, science, and technology. Together, we'll foster an environment where young minds contribute meaningfully to society's advancement.



BOZENNA PASIK-DUNCAN

As a member of YESIST12's advisory committee, I am honored to support this pivotal event in youth empowerment and innovation. YESIST12 fosters collaboration, education, and forward-thinking crucial for advancing STEM fields. With a career dedicated to STEM education and research, I commend YESIST12's inclusive approach and commitment to excellence. As an active member of IEEE and IFAC, I recognize the significance of initiatives like YESIST12 in nurturing future leaders and innovators. I am confident that YESIST12 participants will emerge inspired and equipped to make meaningful contributions to their fields and society. It is a privilege to be part of this transformative event.

LENIN RAJA

As a Senior Member of IEEE and a dedicated researcher in EMC and RF engineering, I'm privileged to be a advisor of YESIST12. This initiative embodies the fusion of innovation and empowerment, providing a platform for emerging talents to explore technology's forefront. With over 15 years of experience ensuring project integrity and performance through compliance testing, I bring invaluable insights into YESIST12's technical aspects. Having conducted compliance testing for over 10,000 projects across various domains, I understand the significance of initiatives like YESIST12 in nurturing talent and advancing technology. Together, we'll maintain the summit's commitment to excellence and equip future technologists with the skills to drive impactful change.



PARKASH LOHANA

As an Advisory Committee Member of YESIST12, it gives me immense pleasure to extend my warmest greetings to all participants, mentors, and organizers of IEEE YESIST12 2024. I am honored to support and witness the tremendous impact of this event. YESIST12 represents a convergence of innovation, collaboration, and excellence, bringing together brilliant minds to address critical global challenges. The dedication of the organizers and participants to fostering a spirit of creativity and problem-solving is truly inspiring. It's a privilege to be part of such a transformative initiative that empowers the next generation of leaders and innovators. I look forward to seeing the continued success of YESIST12 and the positive change it will undoubtedly bring.

ARAVINDHAN ANBAZHAGAN

As a committed volunteer of IEEE and a passionate educator, I'm honored to contribute to one of the first initiatives of our organization - YESIST12 in the capacity of advisory committee member this year. My professional journey encompassing different experiences as a primary school teacher, fundraiser for a non-profit, social entrepreneur, and public speaker in addition to getting involved with 150+ activities of IEEE, will be helpful for me to contribute to this wonderful initiative that's shaping the future of students and young professionals. I'm very hopeful like all of you to leverage YESIST12's platform to inspire, innovate, and pave the way for a brighter future.



NEHAD EL-SHERIF

As an advisory committee member for YESIST12, I'm privileged to contribute to an initiative fostering innovation, collaboration, and youth empowerment. YESIST12 offers a platform for young individuals to unleash their creativity and drive positive change. With a background in technology and involvement in IEEE, I understand the importance of nurturing future leaders in science and engineering. YESIST12's focus on industry applications and collaboration with IEEE resonates with my commitment to advancing technology for societal benefit. I'm eager to witness the profound impact of YESIST12 in shaping the future of innovation and technology.

DEEPAK MATHUR

Being part of IEEE YESIST12 is an incredibly inspiring and transformative experience. As an IEEE Senior member and MGA Vice President, passionate about leveraging technology for social good, I would say, this event provides students a unique platform to showcase innovative ideas aimed at addressing pressing humanitarian and social issues. The initiative's emphasis on social responsibility and ethical practices resonated deeply with me, as it reinforced the belief that engineering should not only be about technological advancement but also about making a positive impact on communities. What sets YESIST12 apart is its call to action. It's not just a talent show; it's a movement that encourages service-oriented engineering practices and inspires the next generation of engineers to embrace their role as changemakers.. I am happy to be part of the Advisory Committee.



HABIB M. KAMMOUN

As the Chair of the IEEE Tunisia Section and a proud Advisory Committee Member of YESIST12, I am thrilled to see this exceptional event unfold in Tunisia. YESIST12 2024 is not just a competition; it's a celebration of ingenuity and a global convergence of bright minds. This year's edition promises to be a transformative experience, highlighting our commitment to pushing the boundaries of engineering and technology. The collaborative spirit and visionary efforts of the organizing team reflect the true essence of innovation. I eagerly anticipate the groundbreaking ideas and valuable connections that will emerge from this extraordinary event.

PERSPECTIVES FROM TRACK CHAIRS



NAVANEETHAKRISHNAN R
CHAIR | JUNIOR EINSTEIN TRACK

As the Chair of the IEEE YESIST12 Junior Einstein Track, I am honored to witness the incredible talent and creativity of pre-university students from over 20 countries. YESIST12 is the only platform of such magnitude where young innovators can showcase their ideas on a global stage, network with like-minded peers, and collaborate. Our alumni have achieved great heights in innovation, reflecting the profound impact of this competition. YESIST12 not only highlights the importance of STEM education but also inspires the next generation of leaders and change-makers to make a positive difference in our world.

As Chair of the WePOWER track in YESIST12, I am honored to witness the fusion of innovation, empowerment and sustainability. YESIST12 serves as a platform for the young generation to exhibit their ideas and knowledge in the area of sustainability, and technological advancement. Its impact transcends borders, empowering young minds to address global challenges. Through WePOWER, we champion gender equality and inclusivity, inspiring change-makers to drive societal progress. Together, we are shaping a brighter, more equitable future for all.



HARIVARDHAGINI S
CHAIR | WEPower TRACK



ARUN M
CHAIR | MAKER FAIR TRACK

As Chairman of the IEEE YESIST12 Makerfair Track 2024, I feel deeply honored and excited. Witnessing the enthusiasm and ingenuity of participants is inspiring, reaffirming my belief in technology's power to address global challenges. Leading this initiative alongside a dedicated team and esteemed partners is a privilege, and I am eager to support these young innovators. This role is both challenging and rewarding, and I look forward to the remarkable contributions our participants will make

In my view, YESIST12 is a premier platform where young innovators can showcase their talents and potential. It ignites their already sharp minds to create something extraordinary. The program inspires pioneers to embark on successful journeys, utilizing YESIST12 as a vital career tool. Participants gain invaluable professional and formal experience that is otherwise difficult to obtain. I am honored to be a part of YESIST12-2024.



GUNJAN VARSHNEY
CHAIR | INNOVATION CHALLENGE TRACK



As the Chair of the YESIST12 Special Track, I am honored to witness the incredible innovations this platform nurtures. YESIST12 inspires young minds to creatively address global challenges, and the Special Track, introduced in 2020, has been pivotal in driving solutions that elevate living standards worldwide. Over the past 3 years, I've seen this track grow, and as Chair for the past 3 years, I'm proud to lead this initiative. This year, our focus on enhancing living standards underscores our commitment to sustainable, impactful solutions. YESIST12 isn't just a competition; it's a catalyst for social change, empowering the next generation to design a brighter future.

INDHUMATHI GUNASEKARAN

CHAIR | SPECIAL TRACK

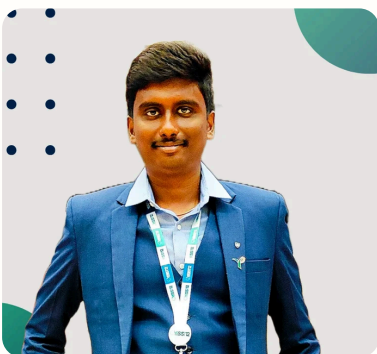
As Chairman of the IEEE YESIST12 IEngage Track 2024, I am thrilled and honored to lead this impactful initiative. Organizing workshops, technical webinars, and events has been incredibly rewarding, showcasing the brilliance and creativity of our participants. It's inspiring to see such enthusiasm for learning and innovation. Working with a dedicated team and esteemed partners, I am excited to support these future leaders in technology. This role is both challenging and fulfilling, and I eagerly anticipate their remarkable contributions.



MITHRESH G P

CHAIR | IENGAGE TRACK

REFLECTIONS FROM COMMITTEE CHAIRS

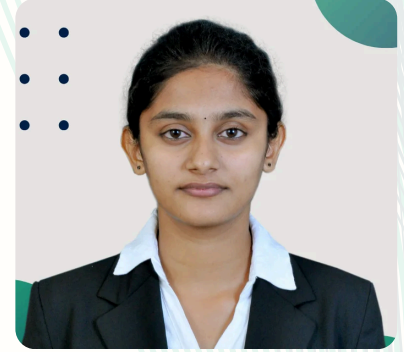


ASHVANTH B

CHAIR | IT OPERATIONS COMMITTEE

As the Chair of IT Operations for IEEE YESIST12 2024, I am honored to lead the management of all technology-related aspects of the event, including designing and building the official website and developing seamless registration forms to enhance the participant experience. This role allows me to innovate and apply my technical expertise, ensuring that our operations run efficiently and contribute significantly to the success of our events. Working with a dedicated team has been incredibly rewarding, and I take great pride in our collective efforts to make IEEE YESIST12 2024 a standout experience for all participants.

YESIST12—just the name brings a smile to my face. Over the past 5 years, this incredible journey has been a tapestry of learning, empowerment, and joy. It's more than an event, it's a crucible of innovation where young minds converge to push the boundaries of creativity and technology. Every year, we've seen raw ideas transform into groundbreaking projects, fostering a new generation of leaders and visionaries. The friendships formed, the knowledge gained, and the sheer excitement of being part of such a dynamic community have been truly inspiring. Here's to many more years of growth and achievement with YESIST12!



NANDHITHA KALYANASUNDARAM
CHAIR | CONTENT COMMITTEE



SANGEETA SINGH
CHAIR | DESIGN COMMITTEE

As the Chair of the Design Committee for IEEE YESIST12, I am excited to share my views about this extraordinary event. It is a platform for the young minds to showcase their ideas and projects addressing societal issues through sustainable technology. These practical solutions will make a significant impact in people's lives. Our committee is dedicated towards presenting the information related to YESIST12 in a way that is most effective, innovative and impactful.

From my beginnings as a committee member of IEEE YESIST12 Publicity & Promotions in 2019 to leading the team as Chair since 2022, my journey has been transformative. Being part of IEEE YESIST12 brings immense joy as we drive change within the community, fostering innovation and collaboration. This platform has provided me with the unique opportunity to interact with, learn from, and mentor young minds globally. Witnessing the growth and creativity of these young professionals is truly inspiring, fueling my passion to contribute even more. Together, we are shaping the future, one innovative idea at a time.



ABDUL HALIK M I
CHAIR | PUBLICITY COMMITTEE



RUSHALI THAKKAR
CHAIR | PARTNERSHIP COMMITTEE

YESIST12 represents a beacon of innovation and collaboration, uniting brilliant minds across disciplines to tackle global challenges. As the chair of the partnership committee, I am proud of the synergy we've fostered between academia, industry, and young innovators. Our partnerships with IEEE Industry Applications Society, IEEE Computer Society, IEEE Professional Communication Society, EMC Test and Training Center, MakerGhat and Metastage Alliance amplify our efforts, providing invaluable resources and expertise. These collaborations not only enhance our participants' learning experiences but also bridge the gap between theoretical knowledge and practical application. We truly appreciate the trust placed in us and are immensely grateful for their partnership.

Being the Chairperson of IEEE YESIST12 Alumni Committee 2024 has been an incredible journey. I am immensely proud of our collective achievements and the collaborative spirit within our team. Together, we've overcome challenges and celebrated successes, driving our mission forward. It's an honor to lead such a dedicated group of individuals who are passionate about making a difference. Our shared vision and commitment have truly made this experience enriching and fulfilling.



SREEKANTH R
CHAIR | ALUMNI COMMITTEE



DIVYANI SHARMA
CHAIR | APP DEVELOPMENT COMMITTEE

I am working as a Chair for the Application Development Committee at YESIST12. I work with a diverse team of techies who with their skills and experience develop App-Based Solutions for YESIST12. The role is both exciting and at the same time challenging as we need to develop continuous updates and enhancements to the YESIST12 Mobile Applications. It is always great to see young individuals who are motivated to volunteer and implement their skills practically to produce an outcome which is useful to the masses.

As the IEEE CS TechX organizer, I am delighted to collaborate with YESIST12. TechX is designed to cater to the dynamic needs of computer science students and early career professionals, offering a comprehensive platform that fosters both technical and soft skill development. By engaging with industry leaders and participating in hands-on sessions, our attendees are empowered to excel in their careers. The partnership with YESIST12 aligns perfectly with our mission to bridge the gap between academia and industry, creating opportunities for growth and innovation.



Nour Elhouda Techini
IEEE CS TechX



ABOUT YESIST12

YOUTH ENDEAVOURS FOR SOCIAL INNOVATIONS USING SUSTAINABLE TECHNOLOGY

Nurturing Young Changemakers Worldwide. To unify social responsibility and ethics in young minds through activities and to encourage service-oriented engineering practice, YESIST 12 has started. It is an international talent show , a platform for the students and young professionals to showcase their fresh pristine ideas to find the key to humanitarian and social issues affecting directly the community around them. YESIST12 empowers youth to solve global humanitarian issues.

MILESTONES

2016

SS12 launched a 12-hour hackathon, bringing together 1,100 participants from four countries to work on humanitarian projects.

2017

The Virtual Track enabled 1,500 participants from 6 countries to connect online, promoting global collaboration and the exchange of ideas.

2018

Sri Lanka introduced the Junior Einstein (JE) track for ages 12-17, engaging 2,500 participants from 9 countries to tackle societal challenges.

2019

SS12 became YESIST12 , introducing the We POWER Track to empower women in engineering and technology, with 3,000 participants from 20 countries coming together in Thailand to celebrate innovations.

2020

YESIST12 transitioned to an international virtual format, with the Special Track bringing together 2,500 participants from 16 countries to innovate despite challenges.

2021

YESIST12 held an international virtual event, attracting 3,000 participants from 20 countries across its Innovation Challenge, Maker Fair, Junior Einstein, We POWER, and Special Track.

2022

YESIST12 hosted its first hybrid event in Bangalore, India, debuting the IEngage Track to bridge industry and academia, with 2,500 participants from 23 countries.

2023

YESIST12 crossed continents to Egypt, engaging 3,000 participants from 20 countries in a hybrid format.

YESIST12 - TRACKS



INNOVATION CHALLENGE

The Innovation Challenge Track focuses on cultivating exceptional and novel ideas aligned with the United Nations Sustainable Development Goals (SDGs). By encouraging participants to think creatively, this track promotes solutions that can address pressing societal issues.

1

2

MAKER FAIR

MakerFair provides a unique platform for innovators to showcase their products with a focus on addressing challenges outlined in the UN SDGs. By inspiring the development of prototypes that can eventually become sustainable solutions.

WEPOWER

3

The WePOWER Track, initiated by the World Bank's "South Asia Gender and Energy" (SAGE) program, aims to promote and advance the role of women in the power and energy sectors. By focusing on gender equality and encouraging women-led innovation in these fields.



4

JUNIOR EINSTEIN

Junior Einstein serves as a stimulant for innovation among young minds, providing a platform for students aged 12-17 to explore and develop solutions for social problems.

5



SPECIAL TRACK

This track has a broad focus on providing solutions to global challenges, and the specific SDGs may vary depending on the presented projects.

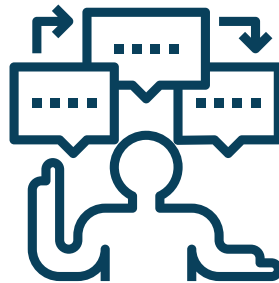


6

IENGAGE TRACK

IEngage offers training in technology, connecting students, professionals, and entrepreneurs with industry readiness. It focuses on career skills, startup development, and innovation.

YESIST12 GATEWAYS



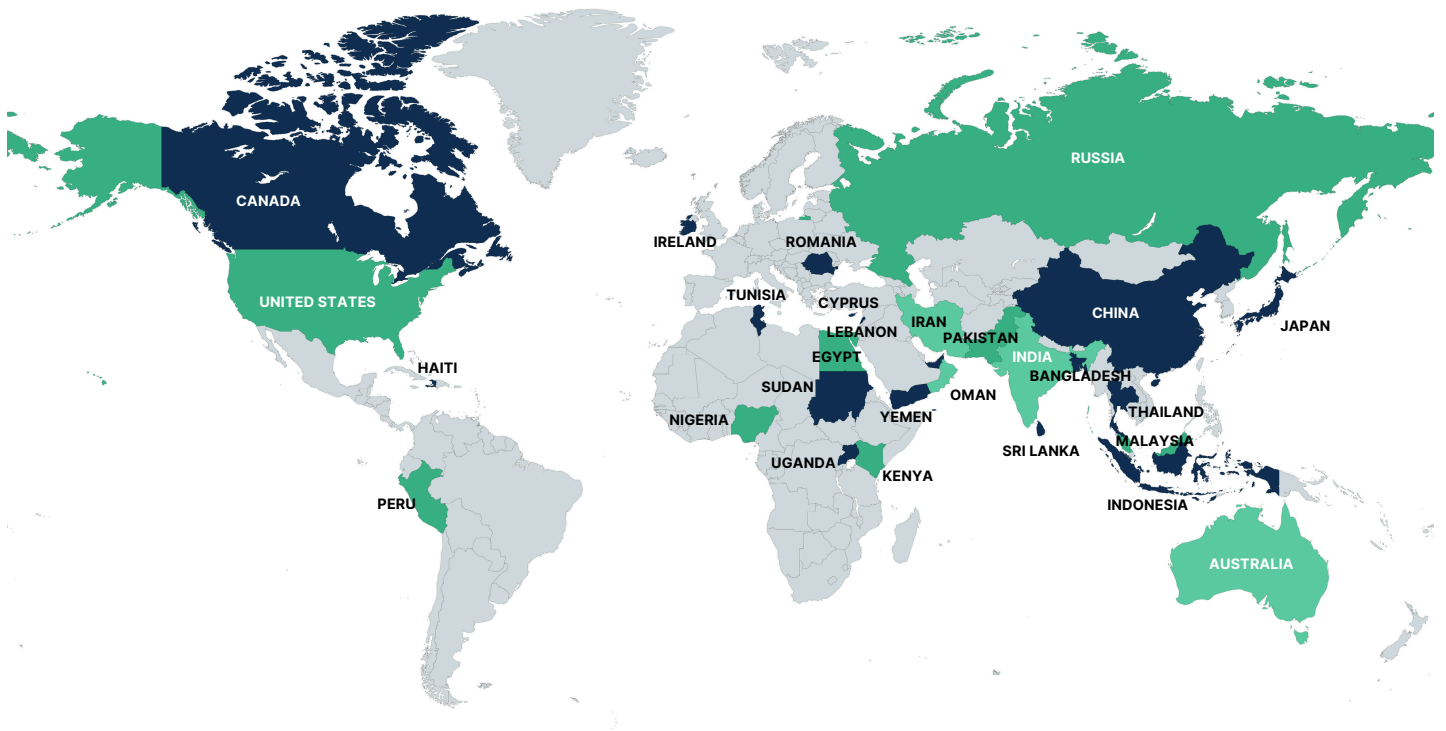
DIRECT ENTRY

- Participants can directly submit their abstracts/ideas to various tracks through YESIST12 website.
- If you don't have pilots nearby, you are encouraged to submit your ideas through the website, which will undergo the same process of initial scrutiny just as in a pilot event.
- The evaluation criteria are also the same. After this standard screening of ideas, the selected teams will be intimated for registration for the grand finale.
- Participants from both pilot entry and direct entry compete during the finale.

PILOT ENTRY

- Students have the option to participate via pilot entry, allowing them to take their prelims at a nearby organization designated as a pilot organization by IEEE YESIST12.
- The participants have to submit their abstract and the pilot will organize preliminary round.
- Based on the results shared by the pilot with the YESIST12 team, the selected teams for the finale will be indicated after a further review by the YESIST12 team.

GLOBAL ENGAGEMENT



30+ COUNTRIES



PILOT GLIMPSES 2024



ALUMNI CHRONICLES



VICTORIA A. SITATI

STUDENT, DEDAN KIMATHI UNIVERSITY OF TECHNOLOGY, KENYA

Winning the IEEE YESIST'12 competition was a pivotal moment in my career. The event's excellent organization and professionalism made it unforgettable, even virtually. The recognition I received played a key role in securing my current job, expanding my network, and enhancing my industry credibility. I'm deeply grateful for the opportunities this achievement has brought, shaping my professional journey in significant ways.

I'm Victoria A. Sitati, an IEEE member and Mechatronics Engineering student specializing in health tech. I'm deeply grateful to IEEE YESIST12 for their exceptional support from my initial application to the finale. Their organized mentorship and dedication transformed my aspirations into reality. The experience empowered me and reinforced my commitment to mentoring future innovators. Special thanks to Ian Chege for his guidance. IEEE YESIST12 has truly opened doors and built bridges for dreamers like me.



HARIHARAN G

SOFTWARE ENGINEER @
EmbedUR, INDIA

YESIST12 was a transformative experience, enhancing my growth on multiple levels. Networking with global experts and peers broadened my perspective and exposed me to innovative solutions. Presenting our project and receiving valuable feedback improved my technical skills and communication abilities. The event opened new professional opportunities and collaborations, while fostering personal growth, resilience, and a commitment to leveraging technology for societal good. Overall, YESIST12 significantly impacted my career and personal development.



YAHIA AHMED SEIF
STUDENT, EGYPT

YESIST12 has been crucial for my professional growth, offering workshops on leadership, entrepreneurship, and the latest trends in technology and business. These sessions have kept me competitive in my field. The supportive community also boosted my confidence in networking and public speaking. Overall, YESIST12 provided invaluable skills and connections that have greatly benefited my career. I highly recommend it to anyone looking to enhance their personal and professional development.



ABDELRAHMAN WAEEL
ABDELRAHMAN RASHAD AMMAR
STUDENT, STME HIGH SCHOOL OF BOYS,
EGYPT



MANNE BHARATHI

ASSISTANT PROFESSOR AT CIET, INDIA

I, Dr. Manne Bharathi, Assistant Professor at CIET, Guntur, extend my gratitude to Chairman Y.V. Anjaneyulu garu and Secretary Y. Sujith garu for their support, which allowed me to present at IEEE YESIST12 2023 in Egypt. Winning runner-up in the WePOWER Track, alongside Udochukwu Bola Akuru, underscored our commitment to empowering rural women in energy and opened new opportunities for me. Thanks to the IEEE YESIST organizing committee for this impactful platform.

I first learned about IEEE YESIST12 through Indhu in January 2022 while volunteering as a pilot coordinator. Along with Pius, we mobilized Kenyan Student Branches, leading to successful prelims in May with Akshaya and Ramalatha. Now, as lead pilot coordinator, I've seen our reach expand with physical prelims. YESIST12 has been foundational in my IEEE journey, building networks and confidence for leadership roles. I'm deeply grateful to the organizers for their support and impact, enabling our participation in international events.



IAN MUHUHU CHEGE

STUDENT, KENYATTA UNIVERSITY, KENYA

Our team, "Quad Aquad," from St. Joseph's College of Engineering, Chennai, received a Special Mention Award at YESIST12 for our "Remotely Piloted System Drone" project. Guided by Mr. Sreekanth R, we successfully presented our upgraded project at the grand finale in Egypt. This experience greatly enhanced our skills and network, and we're thankful to the organizing committee for their support. YESIST12 was a pivotal milestone, offering lasting connections and valuable insights for our future endeavors.



JASMINE J

STUDENT, ST. JOSEPH'S COLLEGE OF ENGINEERING, INDIA

My name is Victoria Rotich, a Telecommunications and Information Engineering student at JKUAT and Women in Engineering Chairperson for IEEE JKUAT AG. This year, I joined IEEE YESIST12 through the WePOWER Track with my team, TransSpotter, focusing on "Clean and Affordable Energy." This opportunity aligns with my passion for sustainable development and advancing women in STEM. Participating in IEEE YESIST12 has deepened my commitment to diversity, inclusiveness, and technological innovation. I'm excited to continue this impactful journey.



VICTORIA ROTICH

STUDENT, JKUAT, KENYA

INNOVATION CHALLENGE TRACK

CHAIR



Gunjan Varshney
Uttar Pradesh Section



Ravi Hosamani
Bangalore Section

CO-CHAIR

TEAM MEMBERS



Sharmila S
Madras Section



Rakshit Bajaj
Delhi Section



Shrivatsa Gudi
Bangalore Section



John Njuguna
Kenya Section



Rahul Pasunuri
Hyderabad Section



Akarsh Ashok
Madras Section



Muhammed Nifal C H
Kerala Section

MAKER FAIR TRACK

TEAM MEMBERS



Mustafa Bharmal
Gujarat Section



Dharmi Javiya
Gujarat Section



Tejaswini Todkar
Bombay Section



Reshma B
Madras Section



Rajyalaxmi B
Hyderabad Section

CHAIR



Arun M
Madras Section



Dhanalakshmi G P
Madras Section

CO-CHAIR

WEPOWER TRACK

CHAIR



Harivardhagini Subhadra
Hyderabad Section



J. Sofia Priya Dharshini
Hyderabad Section

CO-CHAIR

TEAM MEMBERS



Syed Shariq Sharief
Hyderabad Section



Sanchana L
Madras Section



Shravani Mathur
Madhya Pradesh Section

JUNIOR EINSTEIN TRACK

CHAIR



Navaneethakrishnan Ramanathan
Madras Section



Teenu Prasanth S
Madras Section



Guntur Renu
Hyderabad Section

CO-CHAIR

TEAM MEMBERS



Sai Samarpita
Kolkata Section



Sarath S
Kerala Section



Shubhada Ganti
Vizag Section

SPECIAL TRACK

TEAM MEMBERS



Arya Patil
Bombay Section



Pius M. Kariuki
Kenya Section



Rahul V
Madras Section



MadhuSudhan V
Madras Section



Subhaharini P
Madras Section



Indhumathi Gunasekaran
Madras Section



Md. Tabil Ahammed
Bangladesh Section

CO-CHAIR

ENGAGE TRACK

CHAIR



Mithresh G P
Madras Section



Vamsi Krishna Addepalli
Bangalore Section

CO-CHAIR

TEAM MEMBERS



Narmadha K
Madras Section



Skanda M K
Bangalore Section



Nidhi Dhinoja
Gujarat Section



Faheem Khan
Madhya Pradesh Section



Haasya G
Hyderabad Section

IT OPERATIONS COMMITTEE

CHAIR



Ashvanth Babu
Madras Section



Heyram
Madras Section

CO-CHAIR

TEAM MEMBERS



Mohamed Ashik Irfan M
Madras Section



Venkata Sai Muralinadh R
Hyderabad Section



Mugesh Rao D
Madras Section



Vinish S
Madras Section



Jaiesh D
Madras Section

CONTENT COMMITTEE

TEAM MEMBERS



Dharani V
Madras Section



Justin Jacob
Kerala Section



JEEVITHA R
Madras Section



Sridevi P
Madras Section



Sanjana Muvvala
Hyderabad Section



SATHYA PRIYA S
Madras Section



Rajani Manchineella
Hyderabad Section



Nandhitha Kalyanasundaram
Madras Section



Venkatraman Ravi
Madras Section

CO-CHAIR

DESIGN COMMITTEE

CHAIR



Sangeeta Singh
Hyderabad Section

TEAM MEMBERS



Gaurav Pathak
Delhi Section



Jaison Alexander
Madras Section



Alex A
Madras Section



Nidhi Dhinoja
Gujarat Section



Hari Priya K
Madras Section



Jayashree T
Madras Section



Hrushikesh Patel
Hyderabad Section



Ashutosh Singh
Bombay Section

PUBLICITY COMMITTEE

CHAIR



Abdul Halik M I
Madras Section



Sushmitha M
Madras Section

CO-CHAIR

TEAM MEMBERS



Neavil Porus A
Madras Section



Kumaran G
Madras Section



Kayalvizhi M
Madras Section



Nagulan R V
Madras Section



Aparna G
Madras Section



Engr. Oto-obong John Effiong
Nigeria Section



Waldir Ventura Filho
R9 Outreach Coordinator



Mudhurakola Sahithi
Bangalore Section



Priyanka J
Madras Section

PARTNERSHIP COMMITTEE

TEAM MEMBERS



Anjali Bhargava
Madhya Pradesh Section



Vanshika Sharma
Delhi Section



Chirag Rajesh Bhide
Bombay Section



Rakshit Anilkumar
Nirmalakumari Jain
Pune Section



Rushali Thakkar
Benelux Section

APP DEVELOPMENT COMMITTEE

CHAIR



Divyani Sharma
Bangalore Section



Muhammad Ahmad
Islamabad Section

CO-CHAIR

TEAM MEMBERS



Venkata Sai Muralinadh Rompicharla
Hyderabad Section



RAMPVITHRAN R P
Madras Section

ALUMNI COMMITTEE

CHAIR



Sreekanth R
Madras Section



Harini N
Madras Section

CO-CHAIR

TEAM MEMBERS



Abinayaa Sri T
Madras Section



Mohamed Aashik S
Madras Section



Rithika R
Madras Section



Jayavarshini M J
Madras Section



Venkatesh
Madras Section



Kathir D
Madras Section



Hariprasath S
Madras Section



Jasmine J
Madras Section



Sibhiraj B
Madras Section



Stephan F
Madras Section

“In the hands of the young and determined, technology becomes a bridge to a more inclusive and sustainable tomorrow”



YESIST12 2024

JURIES & EVENT SPEAKERS



ANDREW KNIGHT
President
IEEE IAS



NEHAD EL-SHERIF
Representative
IEEE IAS



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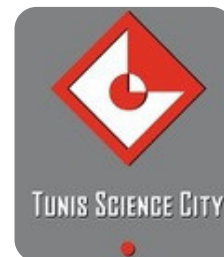


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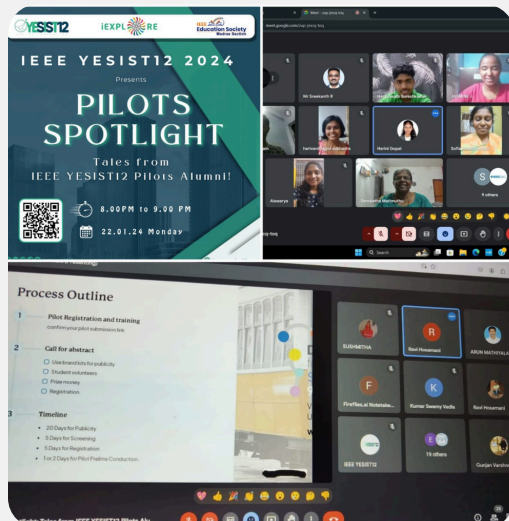


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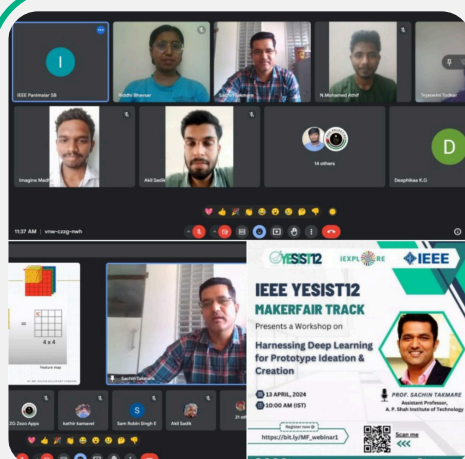
EVENT MILESTONES

INNOVATION CHALLENGE TRACK



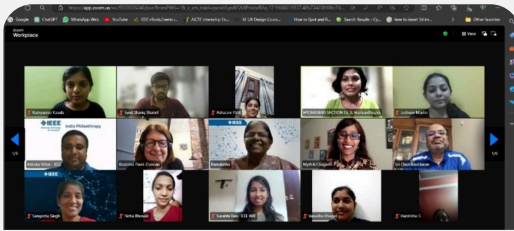
On January 22, 2024, the Innovation Challenge Track of YESIST12 - 2024 held an online event titled "Pilots Spotlights." IEEE YESIST12 Alumni Mr. Ravi Hosamani led the session, explaining the process of conducting preliminaries. Over 30 pilots participated, benefiting from Mr. Hosamani's comprehensive guidance and practical insights. The interactive event allowed participants to ask questions and discuss their challenges, significantly enhancing their preparation for the Innovation Challenge Track. Attendees praised the clarity and depth of the information provided. The event concluded with a Q&A session, addressing specific concerns and providing tailored advice. Participants left the session feeling more confident and equipped for the upcoming preliminaries.

MAKER FAIR TRACK



On April 13, 2024, the IEEE YESIST12 Maker Fair hosted a workshop led by Prof. Sachin Takmare on "Harnessing Deep Learning for Prototype Ideation and Creation." Starting at 10 AM, the session explored how deep learning can revolutionize the prototyping process. Prof. Takmare provided an in-depth overview of using AI techniques to accelerate ideation and enhance prototype development. The workshop was highly interactive, featuring hands-on activities and discussions that enriched participants' understanding of integrating advanced AI methods into their projects.

WEPOWER TRACK



WITH:
Mythili Chaganti, P.E., MBA
IEEE PES | Vice President, Chapters & Membership
Governing Board Member

Book your seats here:

<https://forms.gle/zLhJWDg22dug2xNB7>

29th June, 2024

@ 7:00PM IST

Google Meet



This event is Powered by QUEST GLOBAL - Funding
WIE Scholarship and RWEIP (Returning Women

The WePower Track of YESIST12 successfully hosted an insightful webinar on 29th June 2024, featuring Mythili Chaganti, P.E., MBA, the Vice President of Chapters & Membership and Governing Board Member of IEEE PES. The event, powered by QUEST GLOBAL, highlighted their significant contributions to the WIE Scholarship and Returning Women Engineers Program (RWEIP), benefiting 552 female engineers. Attendees gained valuable insights into the professional journey and industry expertise of Ms. Chaganti, making it an enriching experience for all participants. The event, held on Google Meet, saw enthusiastic participation and provided a platform for knowledge sharing and empowerment.



The inaugural episode of "THE PODCAST SERIES" featured Himali Zoysa, Additional General Manager at the Ceylon Electricity Board, discussing "Opportunities for Energy and Power Careers for Women in Developing and Developed Countries." Released on Spotify on March 27, 2024, the episode garnered significant attention, effectively raising awareness about the WePower Track's goals and initiatives. Zoysa's insights and experiences inspired listeners, particularly women, to consider and pursue careers in the energy and power sectors, setting a positive tone for future episodes and engagements.

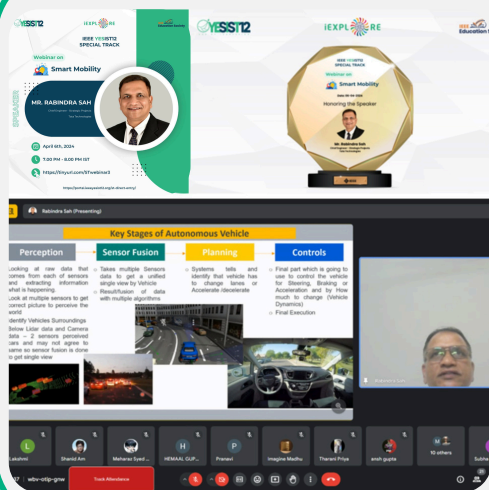


In Episode 2 of "THE PODCAST SERIES" from the IEEE Yesist'12 2024 WePower track, Soheli Ahmed, Managing Director of Grameen Shakti Bangladesh, offered valuable insights into the opportunities and challenges for women in energy careers. Released on Spotify on April 20, 2024, the episode not only addressed the disparities faced by women in both developing and developed countries but also proposed actionable solutions to bridge these gaps. The episode garnered significant attention, amplifying the WePower track's mission to promote gender inclusivity and innovation in the energy sector.

SPECIAL TRACK



On 14th March 2024, from 6:00 PM to 7:00 PM IST, a webinar titled "Ideation to Product - Get Your Ideas to Life" was hosted, featuring Mr. M Manish. The session provided invaluable insights into transforming ideas into tangible products. Mr. Manish, an experienced professional, shared practical advice and strategies for navigating the journey from ideation to product realization. Attendees gained a comprehensive understanding of the necessary steps to bring their ideas to life and leverage opportunities for innovation. The webinar offered a detailed roadmap for aspiring entrepreneurs and innovators, equipping them with the knowledge and tools needed to succeed in their ventures.

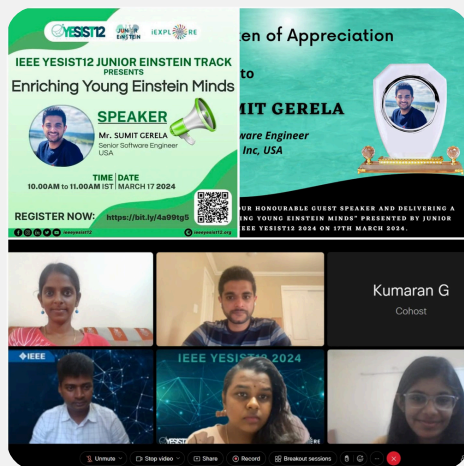


On 25th March 2024, from 7:00 PM to 8:00 PM IST, a webinar titled "Safe Environment" was hosted, featuring Dr. Thomas George K. The session provided an in-depth exploration of strategies and best practices for promoting a safe and sustainable environment. Dr. George, an expert in environmental science, shared crucial insights into contemporary issues and solutions related to environmental safety. Attendees were equipped with knowledge about creating safer and more resilient communities, addressing both local and global environmental challenges.



On 6th April 2024, from 7:00 PM to 8:00 PM IST, a webinar titled "Smart Mobility" was hosted, featuring Mr. Rabindra Sah. The session offered insightful discussions on the future of transportation and the role of smart technologies in revolutionizing mobility. Mr. Sah, an expert in the field, provided valuable guidance on the latest trends and innovations in smart mobility, highlighting how these advancements can address current challenges and enhance urban living. Attendees were equipped with a deeper understanding of the key components and strategies required to implement smart mobility solutions effectively.

JUNIOR EINSTEIN TRACK



The "Enriching Round Einstein Minds" event held on March 17, 2024, as part of IEEE YESIST 12 Junior Einstein Track was a resounding success. Mr. Summit Gerela, a senior software engineer from the USA, delivered an insightful session. Attendees gained valuable knowledge and inspiration, fostering a deeper understanding of innovation and problem-solving. The event served as a catalyst for young minds to explore and excel in the field of technology and engineering. Its impact is expected to resonate within the community for years to come.

IENGAGE TRACK



The IEEE YESIST12 IEngage Track hosted a webinar on "Software Defined Vehicle" by Emmanuel P John, Director at Embitel Technologies, on 31 May 2024, at 10:00 AM (IST) via Google Meet. Renowned for his expertise in processor architecture and hardware-software interactions, Emmanuel shared insights into the transformative potential of software in the automotive industry. The session highlighted real-world case studies that demonstrated improvements in vehicle performance, safety, and user experience through software innovations, providing participants with foundational knowledge and practical skills for developing software-defined vehicle prototypes.

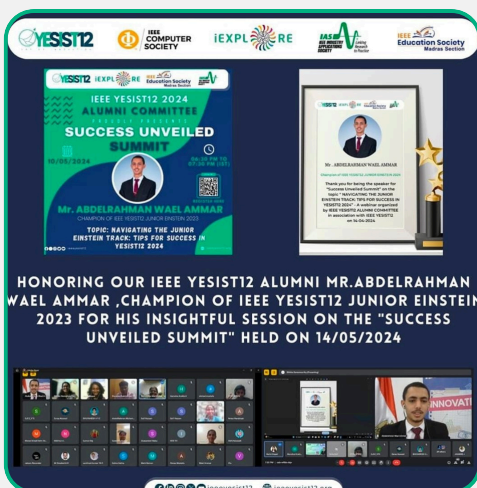


The IEEE YESIST 12 Engage track webinar on pursuing higher education in the US and Canada, held on March 2, 2024, was a resounding success. Mr. Jay Shah, a senior cybersecurity consultant at Ernst and Young, provided valuable insights into navigating the educational landscape. Attendees gained comprehensive knowledge on admission processes, scholarship opportunities, and career prospects. The session facilitated meaningful interactions, fostering a vibrant exchange of ideas among participants. Overall, the event contributed significantly to empowering aspiring students with the necessary information to pursue their academic aspirations abroad.

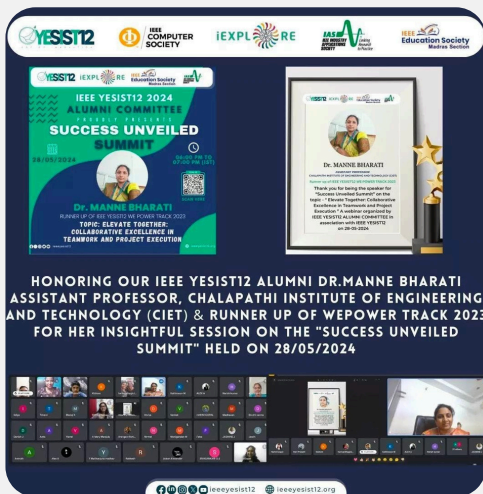


IEEE YESIST12 IENGAGE TRACK hosted a webinar titled "Innovating for Impact: Sustainable Strategies in Project Design and Demos" on 26th August at 6:30 PM IST, led by Dr. Chengappa, a Senior Technologist at Hewlett Packard Enterprise and Chairman of IEEE SIGHT Bangalore Section. The webinar aimed to guide participants in aligning their projects with the United Nations Sustainable Development Goals (SDGs). Dr. Chengappa shared valuable insights on sustainability, covering revenue streams, eco-social costs, key resources, and sustainable channels. The event, coordinated by Mr. Mithresh Gunaseelan, provided participants with a solid understanding of sustainable practices for a better future.

ALUMNI COMMITTEE



On 10th May 2024, from 6:30 PM to 7:30 PM, the IEEE YESIST12 Alumni Committee 2024 hosted an insightful session featuring Mr. Abdelrahman Wael Ammar. The talk, titled "Navigating the Junior Einstein Track: Tips for Success in YESIST12 2024," provided valuable guidance and strategies for participants aiming to excel in the competition. Mr. Ammar's expert advice and practical tips offered attendees a comprehensive roadmap for leveraging the opportunities within the Junior Einstein Track, ensuring they are well-prepared for the upcoming challenges and maximizing their chances of success.



On May 28, 2024, from 6:00 PM to 7:00 PM, the IEEE YESIST12 Alumni Committee 2024 hosted an enriching session with Dr. Manne Bharati. The talk, titled "Elevate Together: Collaborative Excellence in Teamwork and Project Execution," focused on the importance of effective teamwork and collaboration. Dr. Bharati shared valuable insights and strategies for enhancing teamwork and executing projects successfully, offering attendees practical advice on how to achieve collaborative excellence in their YESIST12 endeavors.



On April 14, 2024, from 10:00 AM to 11:00 AM, the IEEE YESIST12 Alumni Committee 2024 organized an engaging session with Mr. Hariharan. The talk, titled "Building a Winning Project: Strategies and Tips from a Maker Faire Champion," offered participants valuable insights into creating successful projects. Drawing from his experience as a Maker Faire champion, Mr. Hariharan shared effective strategies and practical tips to help attendees develop innovative and competitive projects, setting them up for success in the YESIST12 competition.



On March 25, 2024, from 7:00 PM to 8:00 PM, the IEEE YESIST12 Alumni Committee 2024 hosted the release event for the first edition of their magazine, "Sparks and Stars: YESIST12 Skyline." The magazine was released by Dr. Ramalatha Marimuthu, Chairman of IEEE YESIST12. The magazine aims to capture and highlight the exciting developments and achievements within the YESIST12 community, offering readers a comprehensive glimpse into the dynamic world of innovation and competition.

MARVEL AT EGYPT 2023



Crossing continents to Egypt, YESIST12 2023 brought together 3,000 participants from 20 countries in a stunning hybrid format on September 2nd & 3rd 2023 at Arab Academy for Science, Technology & Maritime Transport, Alexandria, Egypt. Set against Egypt's majestic landscapes, the event seamlessly blended ancient history with groundbreaking innovations. Attendees were immersed in a vibrant atmosphere, surrounded by the awe-inspiring pyramids and Cairo's dynamic energy. This year's gathering highlighted the fusion of cultural heritage and state-of-the-art advancements, creating an unforgettable experience that showcased Egypt's unique charm on a global stage.



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