

IEEE POWER AND ENERGY SOCIETY STUDENT BRANCH

CHAPTER

Toc H INSTITUTE OF SCIENCE AND TECHNOLOGY (IEEE PES SBC Toc H)

REPORT: ENVIRONMENTAL DAY CELEBRATION CONDUCTED FOR THE LOWER PRIMARY SECTION

This is the report to intimate the events detailing that IEEE PES SB TocH has successfully conducted a "environmental day celebration" on 5th June ,2025

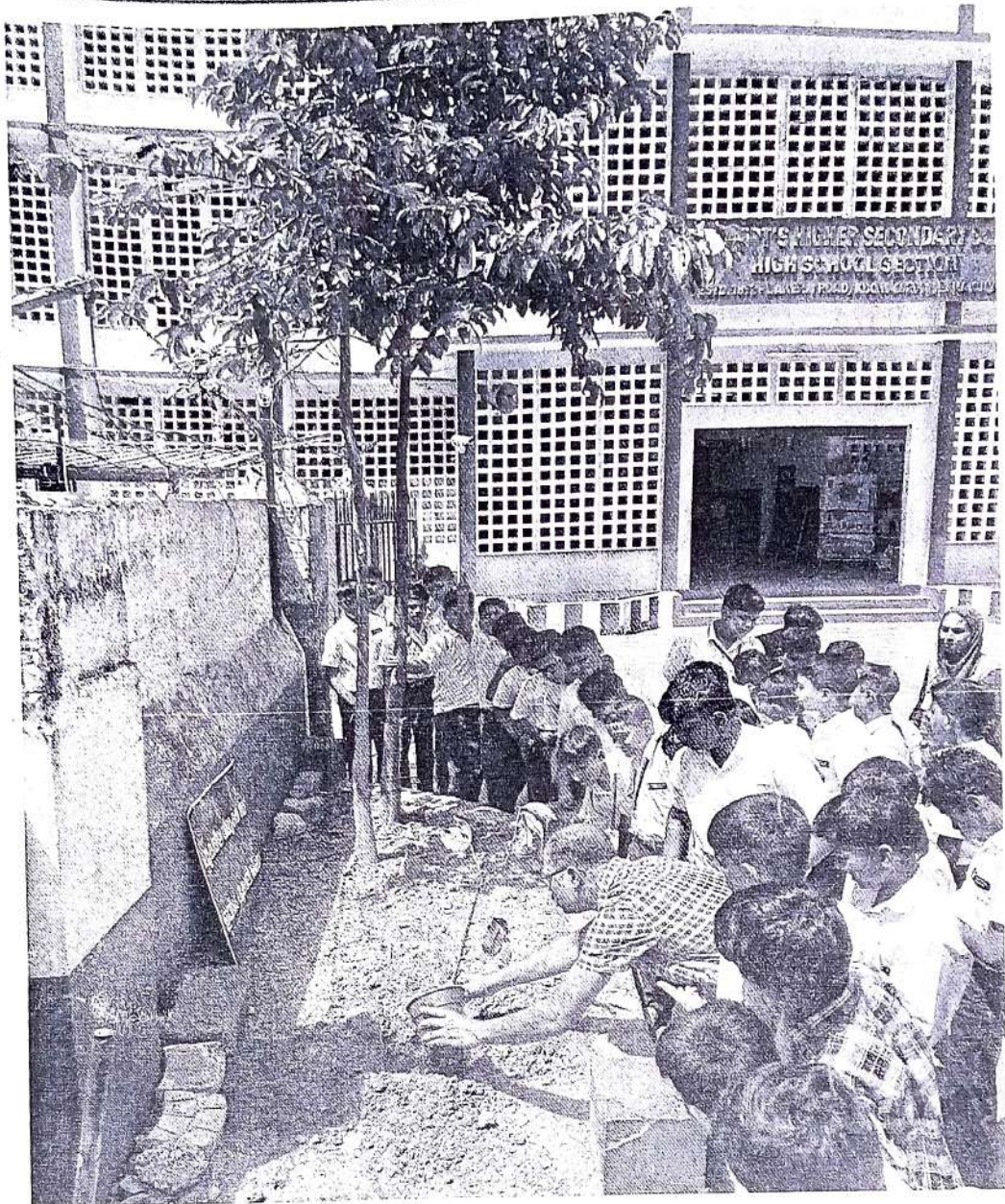
GOAL	Help students and the community understand environmental issues like pollution, climate change, deforestation, and biodiversity loss.
DATE	5th June,2025
TIME	Starttime:10:00AmIST Endtime:12.30PMIST
VENUE	St alberts school, ernakulam
EVENT TYPE	Awareness event
TOTAL NO.OF PARTICIPANTS	50 students
COORDINATORS	<ul style="list-style-type: none"> • Athulya PP,IEEEPESChair(S7 ELE) • Angel Maria Saju,IEEEPES Vice-Chair(S5 EEE) • Keerthi CS, IEEE PES Secretary (S7EEE) • Sreehari J, Technical Coordinator (S3ELE)
EXPENSE INCURRED	500/-

TIMEANDDATE	PROGRAMME
5th June 2025,9:30 AM IST	Theeventbeganwithanopeningaddressin which, IEEE PES SB Toc H Chapter Vice-Chair Angel Maria Saju welcomed the resource person: Joseph Sen principal of St Albert's school and Harikumar KP the vice chair of IEEE PES KERALA CHAPTER
9:45 AM IST-10:00 AM IST	Environmental day message by Mr Joseph Sen principal of St Albert's college
10:00 AM IST-10:45 AMIST	Awareness section conducted by Jes Gigo IEEE PES KERALA CHAPTER MDC KOCHI HUB ,MACE Kothamangalam the speaker addressed serious environmental challenges such as pollution, deforestation, climate change, and loss of biodiversity caused by human activities. By discussing these contrasting aspects, the speaker aimed to raise awareness about the importance of protecting our environment and encouraged everyone to take small but meaningful steps—like reducing plastic use, planting trees, and conserving energy—to ensure a healthier planet.

10:45 AM IST-11:00 AM IST	Lunch break
11:00 AM IST -11:30 AM IST	Conducted planting session
11:30 AM IST - 12:15 AM IST	Conducted lower primary drawing competition
12:15 PM IST-12:20 PM IST	IEEE PES KERALA CHAPTER VICE - CHAIR HARIKUMAR KP handed over the prize to Pranav CA who was the winner of the drawing competition.
12:20 PM IST-12:30 PM IST	IEEE PES SBC RSET CHAPTER TREASURER JOEL JOHN THUMPAYIL delivered vote of thanks and ended the event.

PHOTOGRAPHS







IEEE ROBOTICS AND AUTOMATION SOCIETY

STUDENT BRANCH CHAPTER

**Toc H Institute of Science and Technology
(IEEE RAS SBC Toc H)**

REPORT: RAWBOTS'24

This is the report to intimate the events detailing that **IEEE RAS SBC Toc H** has successfully conducted the online event '**RawBots'24**,' on **November 21, 2024**, in association with **IEEE SB Toc H**. The event featured two competitions: the Robotics Meme Challenge and the Robot AI Image Generation (Prompt Challenge), both centered on the theme of robotics.

Goal	To foster creativity and promote innovation in robotics by engaging participants in challenges that combine technical skills with imaginative thinking.
Date	21st November 2024
Start Time	8:00 PM (IST), Nov 18, 2024
End Time	8:00 PM (IST), Nov 21, 2024
Time Zone	Asia - Kolkata
Event Type	Technical Event (Online)
Coordinators	4 Execom Members: Sivapriya D. Vishnu Prasad Niharika Madhu Sabin Saju
No. of Participants	15 (IEEE Members = 2)

Programme	The posters of the event competitions and registration forms were shared prior. Winners were decided on the criterion; creativity, relevance to the topic, & originality. Winners received certificates.
Winners	<p>Meme Challenge: First Prize - Sai Krishna V. Second Prize - A. K. Gautham Krishna</p> <p>Prompt Challenge: First Prize - Karthik Shankar S. Second Prize - Aswajith Raj A. B.</p>

<div data-bbox="226 1249 343 1281">IEEE Tier II</div> <div data-bbox="370 1249 459 1281">IEEE Robotics & Automation Society</div> <div data-bbox="500 1228 548 1281"></div> <div data-bbox="583 1239 672 1270">IEEE</div> <div data-bbox="226 1312 459 1354">Challenge1 Prompt Engineering Challenge</div> <div data-bbox="528 1302 651 1333">RawBots'24</div> <div data-bbox="267 1375 603 1459">ROBOT AI IMAGE Generation</div> <div data-bbox="274 1480 596 1711"> </div> <div data-bbox="294 1732 555 1753">www.ijeetechsb.com ijeetechsb</div>	<div data-bbox="775 1239 891 1270">IEEE Tier II</div> <div data-bbox="919 1228 1008 1270">IEEE Robotics & Automation Society</div> <div data-bbox="1049 1218 1097 1270"></div> <div data-bbox="1131 1228 1234 1260">IEEE</div> <div data-bbox="775 1291 898 1344">Challenge3 Meme Challenge</div> <div data-bbox="1083 1291 1214 1323">RawBots'24</div> <div data-bbox="816 1365 1166 1407">ROBOTICS MEME</div> <div data-bbox="891 1438 1097 1669"> </div> <div data-bbox="850 1732 1131 1753">www.ijeetechsb.com ijeetechsb</div>
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ROBOT AI IMAGE Generation

1st Prize



Karthik Shankar
S3 ME
NIT Calicut

2nd Prize



Aswajith Raj A B
S3 RA
Toc H



ROBOTICS MEME

1st Prize

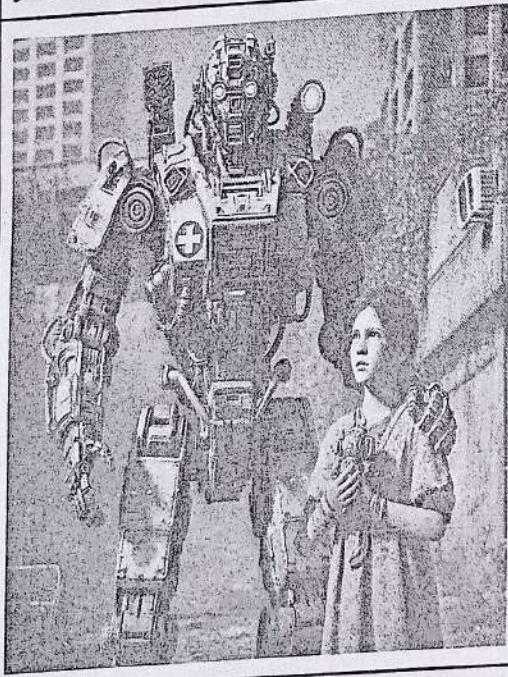


Sai Krishna V
S5 ECE
Toc H

2nd Prize



A K Goutham Krishna
S5 ECE
CEC Wayanad



IEEE ROBOTICS AND AUTOMATION SOCIETY

STUDENT BRANCH CHAPTER

Toc H INSTITUTE OF SCIENCE AND TECHNOLOGY

(IEEE RAS SBC Toc H)

REPORT: SKILL FORGE – EXPLORING CUTTING-EDGE TECHNOLOGY

This is the report to intimate the events detailing that IEEE RAS Kerala Chapter successfully conducted an exclusive hands-on workshop titled “Skill Forge: Step into the World of Cutting-Edge Technology” on 18th October 2024 for school students at St. Joseph College of Engineering and Technology, Palai.

GOAL	To introduce school students to cutting-edge technologies in robotics and automation through practical exposure, interactive sessions, and hands-on learning experiences.
DATE	18th October, 2024
TIME-ZONE	Asia-Kolkata
VENUE	St. Joseph College of Engineering and Technology, Palai
EVENT TYPE	Hands-on Workshop
TOTAL NO. OF PARTICIPANTS	42

COORDINATORS	<p>IEEE RAS Kerala Chapter Representatives</p> <ul style="list-style-type: none"> • IEEE Student Branch Toc H Team
<p>18th October 2024</p>	<p>The workshop commenced with a brief introduction to IEEE RAS Kerala Chapter and the objectives of the “Skill Forge” initiative. The participants were welcomed and oriented towards the significance of robotics and automation in today’s rapidly evolving technological landscape.</p> <p>The session was led by Mr. Rizwan M. Shiras, student of S7 Robotics and Automation and Chair of the IEEE Student Branch at Toc H. As the resource person, he guided the school students through various innovative technologies, focusing on practical demonstrations and real-world applications.</p> <p>During the session, students were introduced to the fundamentals of robotics, automation systems, and emerging technologies. The hands-on activities enabled participants to directly engage with technological tools and concepts, thereby enhancing their understanding and curiosity.</p> <p>Mr. Rizwan emphasized the importance of creativity, problem-solving skills, and continuous learning in the field of robotics. His interactive approach fostered enthusiasm among the students and encouraged them to explore future opportunities in technology-driven domains.</p> <p>The workshop concluded with an engaging interaction session where participants clarified their doubts and shared feedback about their learning</p>

experience.

The event successfully inspired young minds to step into the world of cutting-edge technology and strengthened the outreach efforts of IEEE RAS Kerala Chapter.





IEEE

Kerala Chapter

IEEE RAS Kerala Chapter



PRAYANA

TAKING STEPS TO THE FUTURE

SKILL FORGE

Spark your child's imagination with our exciting robotics workshop!
Learn the basics of robotics through hands-on projects, interactive
sessions with experts and other exciting competitions.

Hands on Workshop

18th October 2024 (Friday)

St. Joseph's College of
Engineering and Technology, Palai



Keynote Speaker

Robotics for Social Cause

Er. Robin Tommy

Impact Innovations and Startup Mentor at TCS
Vice Chairperson, IEEE RAS Kerala Chapter



RIZWANA H SHIRAS
Vice Chairperson

Introduction to Robotics

AMRITA JIJU
Vice Chairperson



For more details visit: <https://bit.ly/SKILLFORGE-PRAYANA>

IEEE ROBOTICS AND AUTOMATION SOCIETY

STUDENT BRANCH CHAPTER

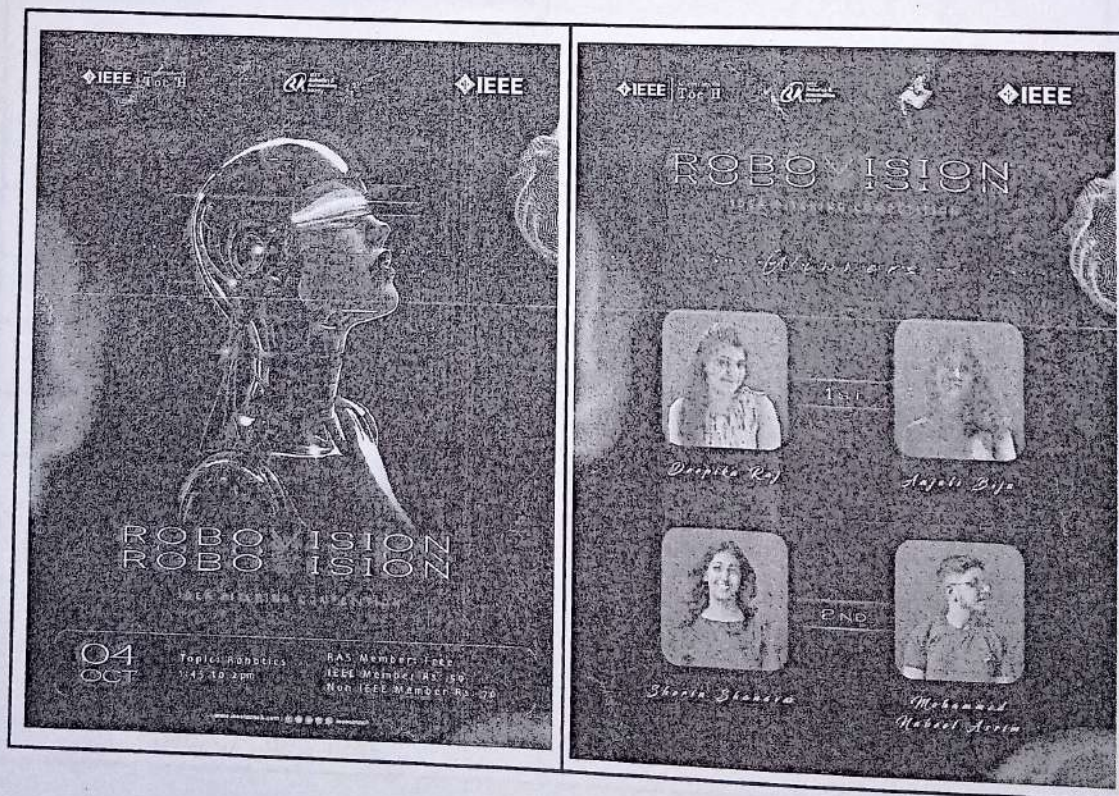
**Toc H Institute of Science and Technology
(IEEE RAS SBC Toc H)**

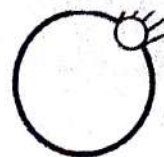
REPORT: ROBOVISION

This is the report to intimate the events detailing that **IEEE RAS SBC Toc H** has successfully hosted an offline idea pitching competition named '**RoboVision**' on the topic 'Robotics', on **4th October 2024** in association with **IEEE SB Toc H**.

Goal	To encourage creativity and promote advancements in the field of automation and technology by encouraging participants to present innovative and feasible robotics-based concepts and ideas.
Date	4 th October 2024
Start Time	1:45 PM (IST)
End Time	4:00 PM (IST)
Time Zone	Asia - Kolkata
Venue	LH-203, Aryabhatta Block - Toc H
Event Type	Technical Event
Coordinators	7 Execom Members: Sivapriya D. Vishnu Prasad Niharika Madhu Sabin Saju Rizwan M. Shiras Alikha Balan Sandeep Prakash

No. of Participants	28 (IEEE Members = 4)
Programme	The event started with a briefing of rules and regulations. Students presented ideas and concepts to the judge within a 5 minute time limit. The Judge evaluated the pitches based on innovation, feasibility, social impact of the idea and presentation. Cash Prizes were awarded to the first and second prize winners and all participants received certificates and IEEE Merch.
Winners	First Prize: Anjali & Deepika Raj (S1 ECE) Second Prize: Sherin Shanavaz & Mohammed Nabeel Assim (S3 RA)





NASA SPACEAPP CHALLENGE BOOTCAMP

Toc H INSTITUTE OF SCIENCE AND TECHNOLOGY

REPORT: BOOTCAMP

This is the report to intimate the events detailing that **NASA SPACEAPP CHALLENGE** has successfully conducted a Talk session event on name '**BOOTCAMP**', on **1st October 2024** in association with **IEEE SB Toc H**.

GOAL	To foster innovation and in-depth understanding of technical subjects by encouraging participants to research, present new ideas, a platform for showcasing solutions to real-world problems while enhancing participants' communication and analytical skills also prepares individuals for professional technical writing and public speaking, crucial in academic and industry settings, while promoting collaboration and critical thinking among peers.
DATE	1 st October 2024
TIME	10.50am to 12.30pm
TIME ZONE	Asia-Kolkata
EVENT TYPE	Talk session Event

VENUE	RAMANUJAN HALL
COORDINATORS	<div>Harishanker Raghu</div> <div>Rizwan M shiraz</div> <div>Sandeep Prakash</div> <div>Sabin Saju</div>
NO. OF STUDENTS	More than 100
PROGRAMME	<div>NASA Space App Challenge BootCamp was successfully conducted on 1st October 2024 at Ramanujan Hall. The event was attended by 100 students, with key section covering basically about the NASA SPACEAPP challenge and how to register for the event as a team and they did provided a brief explanation about the number of challenges in details</div>

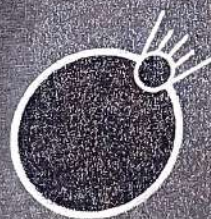


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INTERNATIONAL
SPACE APPS
CHALLENGETM

NASA SPACEAPP CHALLENGE
BOOTCAMP

VENUE: TOC H INSTITUTE
OF SCIENCE AND TECHNOLOGY

01
Oct
2024

IEEE SIGNAL PROCESSING SOCIETY STUDENT BRANCH
CHAPTER

Toc H INSTITUTE OF SCIENCE AND TECHNOLOGY (IEEE SPS
SBC Toc H)

REPORT: HANDS ON WITH ULTRALYTICS YOLO v8

This is the report to intimate the events detailing that **IEEE SPS SBC Toc H** has successfully conducted a **Hands on with Ultralytic Yolo v8** on the 27th of September 2024.

GOAL	To provide a foundational understanding of all concepts of Yolo v8
DATE	27 TH of September 2024
TIME ZONE	Asia-Kolkata
TIME	9:00 AM to 4:00pm
COORDINATORS	Nithin PB Maria Abraham Daya Nair Ann Mary George
VENUE	Tagore Hall, Einstein block
NO OF PARTICIPANTS	26

NO OF IEEE MEMBERS	4
REGISTRATION STARTED ON	19 th September 2024
REGISTRATION ENDED ON	24 th September 2024
CONCENTRATION LEVEL (SB Level/Section Level/National Level)	SB level
EVENT TYPE	Technical
PROGRAMME	<p>In this workshop, The participants learned about the basics of Yolo v8.</p> <p>This involves setting up an environment to run the model, performing object detection on images or videos.</p>

EVENT POSTER

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Hands On With ultralytics YOLOv8

A Step-by-Step Guide to Training Your Model

Sept
27

REGISTRATION FEE

IEEE MEMBERS: ₹180

NON - IEEE MEMBERS: ₹210





IEEE WOMEN IN ENGINEERING AFFINITY GROUP

STUDENT BRANCH CHAPTER

Toc H INSTITUTE OF SCIENCE AND TECHNOLOGY

(IEEE WiE SBAG Toc H)

REPORT: PAPERQUEST

This is the report to intimate the events detailing that **IEEE WiE SBAG Toc H** has successfully conducted a Technical paper presentation competition named '**PAPERQUEST**', on **30 th August 2024** in association with **IEEE SB Toc H**.

GOAL	To foster innovation and in-depth understanding of technical subjects by encouraging participants to research, present new ideas, a platform for showcasing solutions to real-world problems while enhancing participants' communication and analytical skills also prepares individuals for professional technical writing and public speaking, crucial in academic and industry settings, while promoting collaboration and critical thinking among peers.
DATE	30 th August 2024
TIME	1:30pm to 4:00pm
TIME ZONE	Asia-Kolkata
EVENT TYPE	Technical Event

**IEEE**

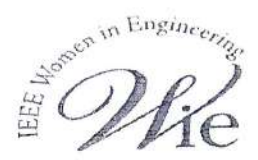
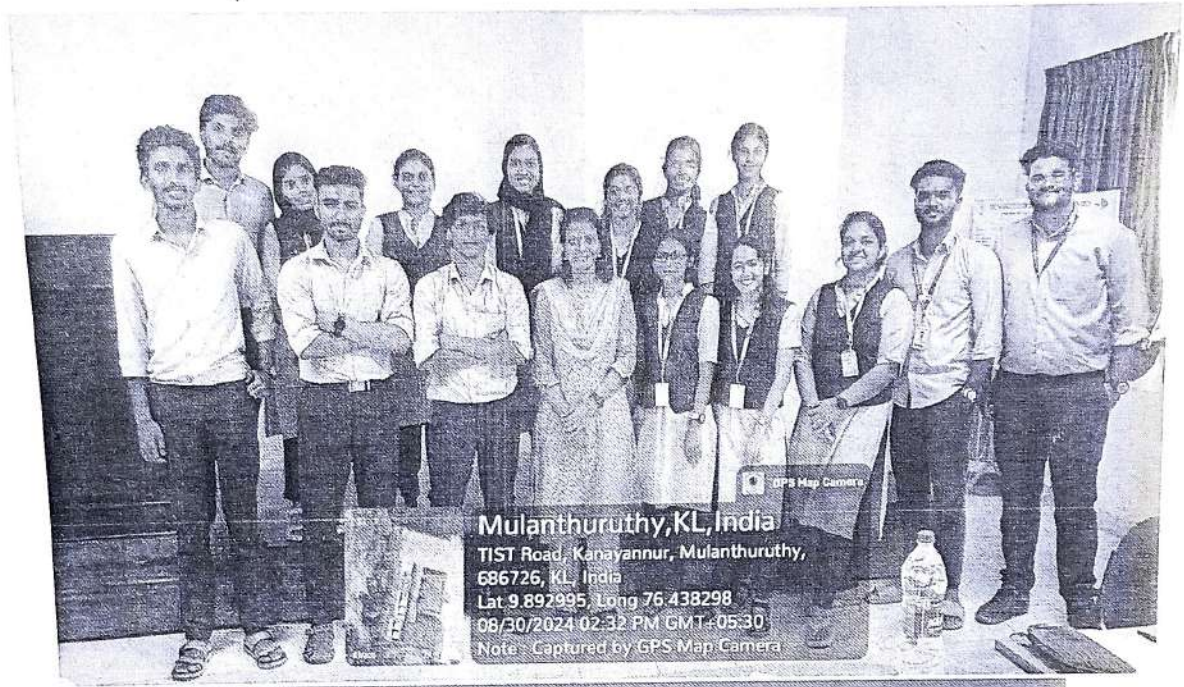
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Toc HIEEE Women in Engineering
Wie

VENUE	RAMANUJAN HALL
REGISTRATION STARTED ON	20 AUGUST 2024
REGISTRATION ENDED ON	29 AUGUST 2024
COORDINATORS	Aiswarya James Anjali S Ashmi A N Fiza Fathima
NO. OF PARTICIPANTS	IEEE Members : 3 NON IEEE MEMBERS : 6
PROGRAMME	The participants were given time slots to present their work using visual aids like slides. Each presentation was followed by a Q&A session, where the judge asked questions to assess the depth of the participants' knowledge. The competition was judged based on the quality of research, presentation skills, originality of the work, and responses to questions. The event concluded with feedback from the judge.



STUDENT BRANCH
Toc H



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30th
August
2024

PaperQuest

Technical paper
presentation competition



Win exciting Cash prizes
Time: 1:45 pm
Venue: Tagore Hall

Fees: Rs. 50 per team
For details contact
Aiswarya James : +91 8129598670, Ashmi A N : +91 85906 93907

IEEE POWER AND ENERGY SOCIETY
STUDENT BRANCH CHAPTER
Toc H INSTITUTE OF SCIENCE AND TECHNOLOGY
(IEEE PES SBC Toc H)

REPORT: HOW TO FORGE A THRIVING CAREER IN CORE INDUSTRIES

This is the report to intimate the events detailing that IEEE PES SBC Toc H has successfully conducted a talk session on "How to Forge a Thriving Career in Core Industries" on 23rd August, 2024.

GOAL	To provide students and young professionals with practical advice and strategies for building successful careers in core industries.
DATE	23rd August, 2024
TIME-ZONE	Asia-Kolkata
TIME	Start time: 08:00 PM IST End time: 09:00 PM IST
VENUE	Google Meet
EVENT TYPE	Talk session
TOTAL NO. OF PARTICIPANTS	41 No. of IEEE members: 16 No. of non-IEEE members: 25
COORDINATORS	<ul style="list-style-type: none">• Abhijith S, IEEE PES Chair (S7 ELE)• Amina Neha M H, IEEE PES Secretary (S7 ELE)• Akshaya Mohan, IEEE PES Technical Coordinator (S7 ELE)• Athulya P P, IEEE PES Chair (S5 ELE)
EXPENSE INCURRED	NIL

TIME AND DATE	PROGRAMME
23rd August 2024, 08:00 PM IST	<p>The event began with an opening address in which, IEEE PES SBC Toc H Chapter Secretary Ms. Amina Neha M H, welcomed the resource person: Ms. ATHIRA RAJU (Specialist TATA Elxsi) and Industry and Entrepreneurship Coordination IEEE PES YP Kerala Chapter. The session was then handed over to the speaker.</p>
08:00 PM IST – 09:00 PM IST	<p>The students were given an introduction regarding various career scopes in core industries.</p> <p>The speaker provided valuable insights on building a successful career in core industries. She emphasized the importance of strong technical skills, continuous learning, and adaptability. Ms. Raju highlighted various career paths within manufacturing, energy, and automotive sectors, advising students to gain practical experience through internships. She advised exploring various career paths, gaining practical experience, and the importance of networking and professional development for long-term success in these fields.</p>
09:00 PM IST – 09:15 PM IST	<p>Q&A Session:</p> <p>The session concluded with an interactive Q&A segment where participants had the opportunity to ask questions and seek personalized advice from the speaker. Ms. Athira Raju addressed various queries related to career challenges, skill development, and industry trends.</p>

PHOTOGRAPHS

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A ATHIRA RAJU (Presenting)

*HOW TO FORGE A THRIVING
CAREER IN CORE INDUSTRIES*

*Dr. Athira Raju
Specialist, Tata Elxsi Ltd
Industry and Entrepreneurship Coordinator
IEEE PES Kerala Chapter
athirarajuareekal@ieee.org*

ATHIRA RAJU Ni HaL Devavaani Prabhu

Bhavya Babu Ameena Haris PRABIN JAMES

Kiran Jose More options 14 others PRABIN JAMES

8:27 PM | cop-uzsc-nyg

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30°C. Partly sunny 08:27 PM 23-09-2024

POSTER

IEEE STUDENT BRANCH
Toc H



IEEE

HOW TO FORGE A THRIVING CAREER IN CORE INDUSTRIES

AUGUST
23rd
2024

THROUGH GMEET
8-9PM



ATHIRA RAJU

Industry designation
(Specialist TATA Elxsi)
and Industry and
Entrepreneurship Coordination
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IEEE COMPUTER SCIENCE SOCIETY**STUDENT BRANCH CHAPTER****Toc H INSTITUTE OF SCIENCE AND TECHNOLOGY****REPORT: IOT FOR BEGINNERS**

IEEE CS SBC Toc H successfully conducted a two-day offline workshop titled 'IoT for Beginners.' The event covered fundamental concepts of the Internet of Things, including hardware basics, data communication, and practical applications. Participants engaged in hands-on activities, learning how to implement IoT projects. The workshop provided valuable insights and practical experience to all attendees.

GOAL	The goal is to introduce IoT fundamentals, provide hands-on experience, and explore real-world applications, encouraging continued learning and collaboration.
DATE	8th & 9th August 2024
TIME	9:00 AM to 4:00 PM
TIME ZONE	Asia-Kolkata
VENUE	Telepresence Lab Einstein Block
EVENT TYPE	technical
CONCENTRATION LEVEL	S. B. Level
COORDINATORS	5 Execom Members
NO. OF PARTICIPANTS	IEEE Members - 6 Non-IEEE Members - 42
PROGRAMME	The IoT workshop covers IoT fundamentals, including architecture, sensors and communication protocols

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SOCIETY

	<p>Participants engaged in hands-on projects using microcontrollers, explore real-world applications, and learned about IoT security. The program encouraged ongoing learning and offers opportunities for networking and collaboration.</p>
FEEDBACK	<p>The IoT beginner workshop was informative and engaging, offering a solid introduction to IoT concepts. Hands-on projects were effective, though additional time for in-depth exploration would enhance the overall learning experience.</p>



STUDENT BRANCH

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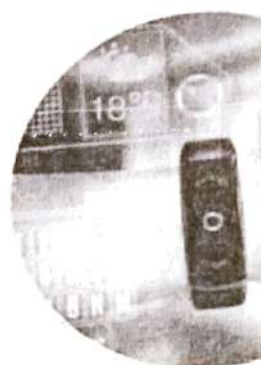
2 DAYS
WORKSHOP

IoT for Beginners



MR. BAAZIL P THAMPY

Asst. Professor, Department of CSE
Toc H Institute of Science and Technology



08, 09 AUGUST 2024
10:00 AM - 4:00 PM



TELEPRESENCE LAB
EINSTEIN BLOCK



DEPARTMENT OF
COMPUTER SCIENCE & ENGINEERING

A MEETING PLACE FOR INNOVATIVE MINDS

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IEEE POWER AND ENERGY SOCIETY
STUDENT BRANCH CHAPTER
Toc H INSTITUTE OF SCIENCE AND TECHNOLOGY
(IEEE PES SBC Toc H)

REPORT: CYBER SECURITY WORKSHOP

This is the report to intimate the events detailing that IEEE PES SBC Toc H has successfully conducted a one-day hands-on workshop on "Cyber Security" on 05th August, 2024.

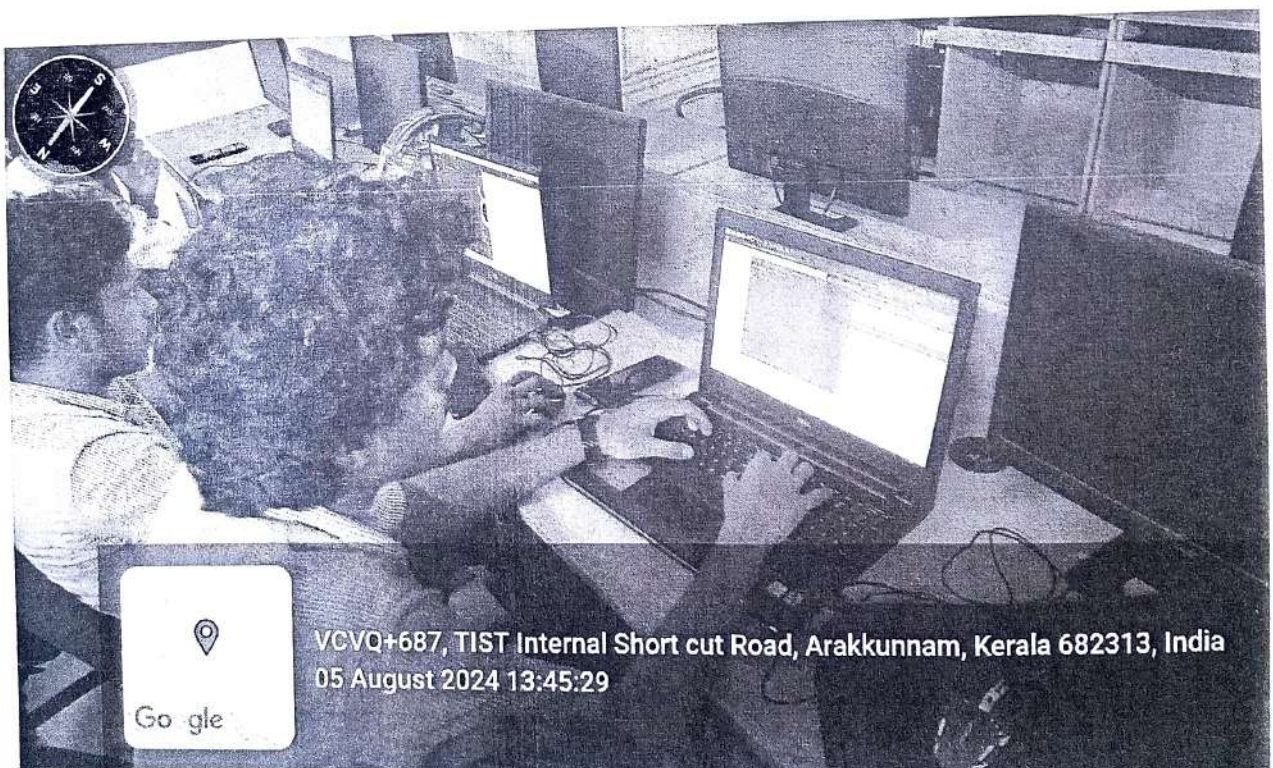
GOAL	To provide hands-on practical experience in the field of cyber security to enhance the practical skills of the participants
DATE	05 th August, 2024
TIME-ZONE	Asia-Kolkata
TIME	Start time: 10:00 AM IST End time: 3:30 PM IST
VENUE	Toc H Institute of Science and Technology, Arakkunnam
EVENT TYPE	Technical
TOTAL NO. OF PARTICIPANTS	47 No. of IEEE members: 6 No. of non-IEEE members: 41
COORDINATORS	<ul style="list-style-type: none"> Abhijith S, IEEE PES Chair (S7 EEE) Nevin Thomas, Volunteer (S7 ELE) Bryan Abraham, IEEE SB Toc H MDC (S7 CS) Nithin P B, IEEE SPS Chair (S7 ECE) Vaishnavi B, IEEE SB Toc H Treasurer (S7 ECE) Akshaya Mohan, IEEE PES Technical Coordinator (S7 ELE) Amina Neha M H, IEEE PES Secretary (S7 ELE)
EXPENSE INCURRED	Rs. 5000/- (Remuneration for the speaker) Rs 1130/- (Refreshments)

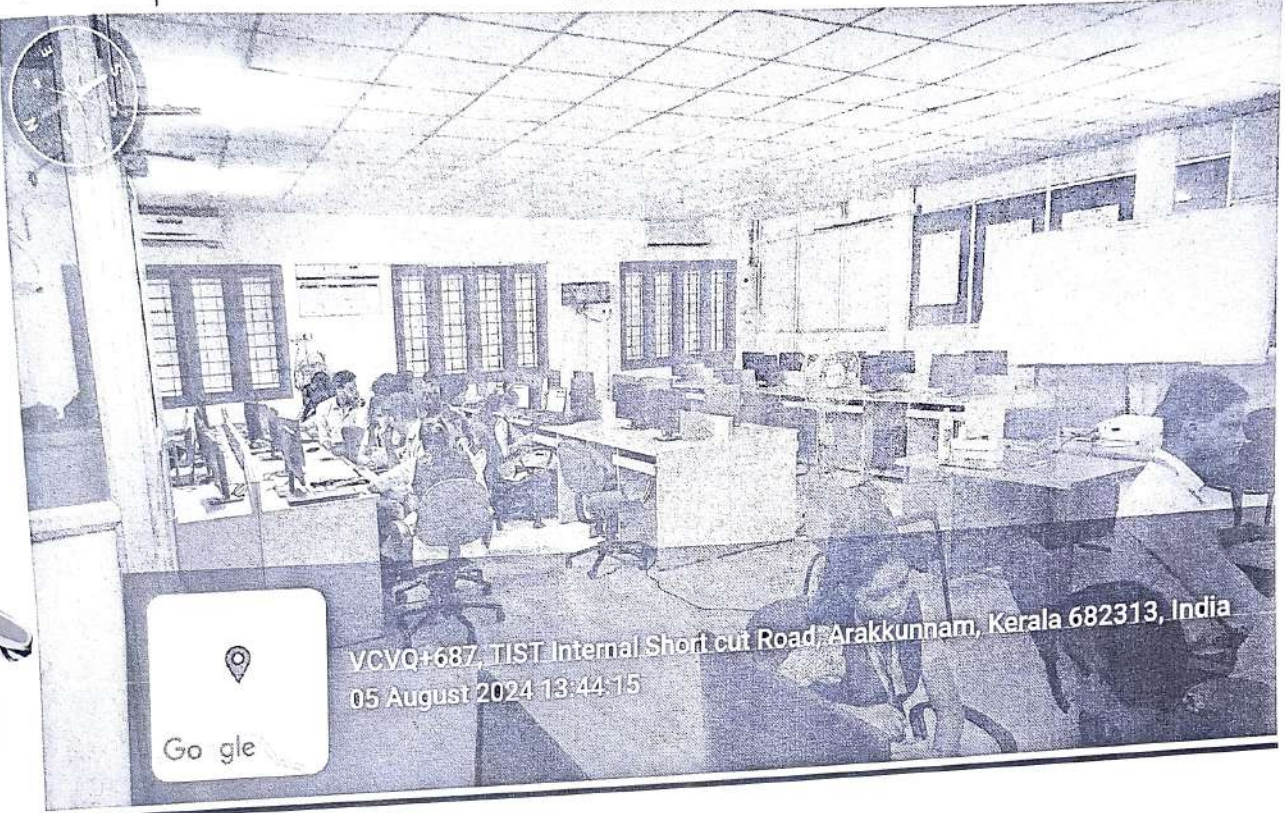
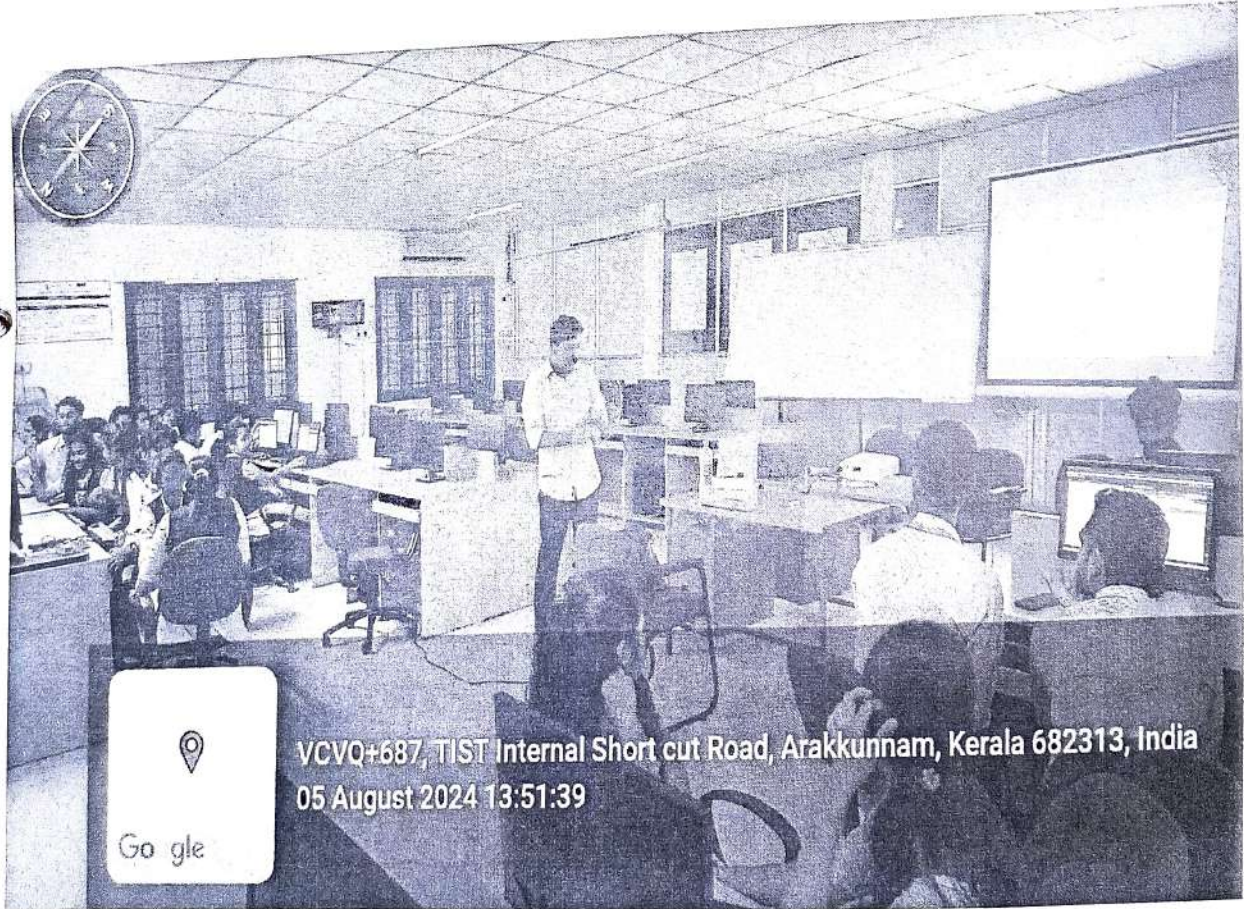
TIME AND DATE	PROGRAMME
05 th August 2024, 10:00 AM IST	<p>The event began with an opening address in which, IEEE PES SBC Toc H Chapter Secretary Ms. Amina Neha M H, welcomed the resource person: Mr. Sarath G, Cyber Forensics & Intelligence consultant, Xerolok . The session was then handed over to the speaker.</p>
10:00 AM IST – 11:00 PM IST	<p>The students were given an introduction pertaining to the workshop's main objective :Cyber Security.</p> <p>The participants were introduced to the fundamental concepts and tools of cyber security, gaining insights into how to protect sensitive information and systems and they were all engaged in the session due to the enthusiastic approach of the speaker.</p>
11:10 PM IST – 12:30 PM IST	<p>After a short break, the resource person delved into the practical aspects of cybersecurity, where each participant was provided with the tools and software needed to secure a sample network. Participants were guided through a step-by-step process, enabling them to implement essential security measures and develop a robust cybersecurity framework. The speaker addressed every query, ensuring that all participants thoroughly understood the concepts, thanks to the speaker's clear and detailed instructions.</p>

1:20 PM IST – 3:30 PM IST

The second session after the lunch break was also as productive as the first and all the participants were in full involvement, with Mr. Sarath G happily clearing all the doubts and questions of the students by going to their respective locations and showing them how it's done. He also made students to find the vulnerabilities of a website by taking an example of his own business website SOWDIX. The session came to a close with Mr. Sarath taking the time to speak with the participants as a whole and gave informations regarding the websites and platforms that enable students to learn and participate in various cyber security events for developing their skill in the area of cyber security

PHOTOGRAPHS







POSTER

IEEE | STUDENT BRANCH
Toc H



IEEE

workshop on

CYBER SECURITY

05
AUG
24

VENUE : Basement Lab EEE Dept
EINSTEIN Block
10 AM TO 3:30 PM



REG FEE

IEEE PES - ₹100
IEEE MEMBERS ₹ 150
NON IEEE MEMBERS - ₹ 200



Sarath G

Cyber Forensics &
Intelligence consultant
Xerolok

FOR ENQUIRY

Abhijith S - 8590326266
Akshaya Mohan - 9747719648

IEEE SIGNAL PROCESSING SOCIETY STUDENT BRANCH **CHAPTER**

Toc H INSTITUTE OF SCIENCE AND TECHNOLOGY **(IEEE SPS SBC Toc H)**

REPORT: WORKSHOP ON ESP 32 & AI INTEGRATION

This is the report to intimate the events detailing that **IEEE SPS SBC Toc H** has successfully conducted a **Workshop on ESP 32 & AI INTEGRATION** on the 2nd of August 2024.

GOAL	To provide a foundational understanding of AI concepts relevant to the ESP32
DATE	2 ND August 2024
TIME ZONE	Asia-Kolkata
TIME	9:00 AM to 3:50 PM
COORDINATORS	Nithin PB Maria Abraham Sandeep Prakash Alikha Balan
RESOURCE PERSON	Amal KA TinkerHub intern Vinu Antony TinkerHub intern
VENUE	Tagore Hall, Einstein block
CONCENTRATION LEVEL (SB Level /Section Level/National Level)	SB Level
EVENT TYPE	Technical
PROGRAMME	In this workshop, participants learned about ESP32 and microcontrollers. They engaged in hands-on projects to reinforce their understanding, followed by challenging assignments. The highlight was the

exploration of AI integration with ESP32,
providing a glimpse into the exciting
possibilities at the intersection of hardware
and artificial intelligence

EVENT POSTER

WORKSHOP ON

ESP 32 & AI INTEGRATION

02 AUG
2024

9 AM TO 3:50 PM

SCAN TO REGISTER



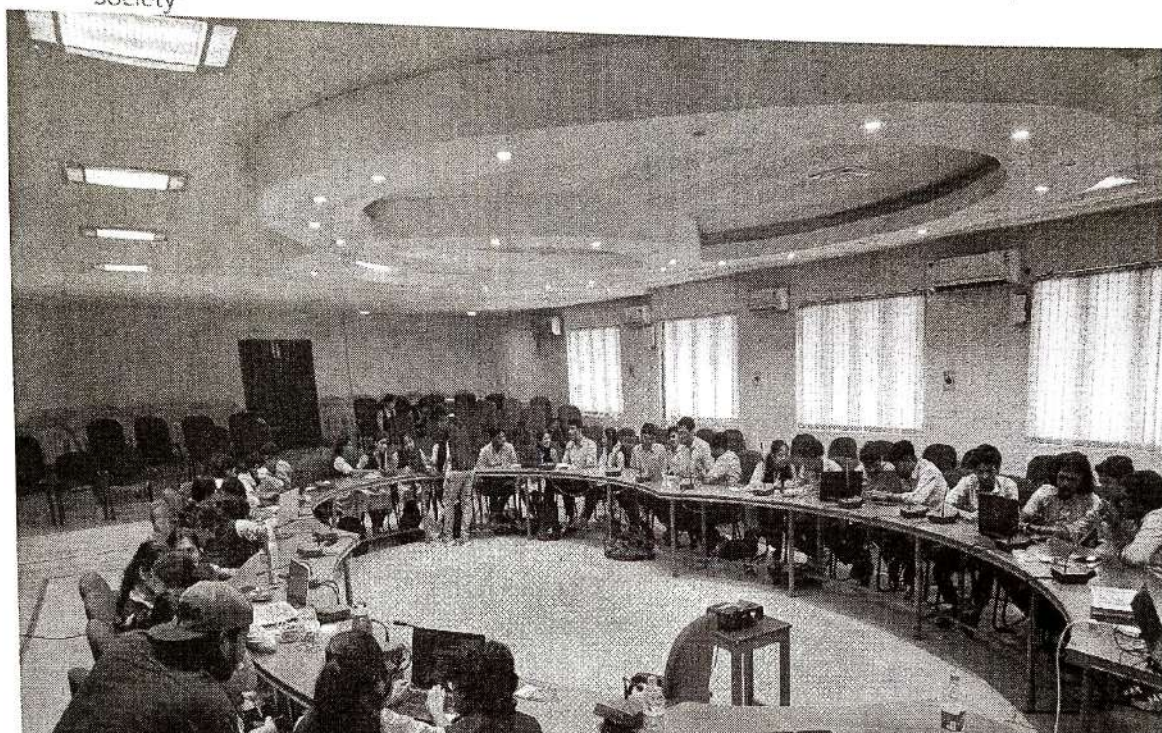
REG FEE:

IEEE MEMBERS:150

NON IEEE MEMBERS:200

PHOTOGRAPHS

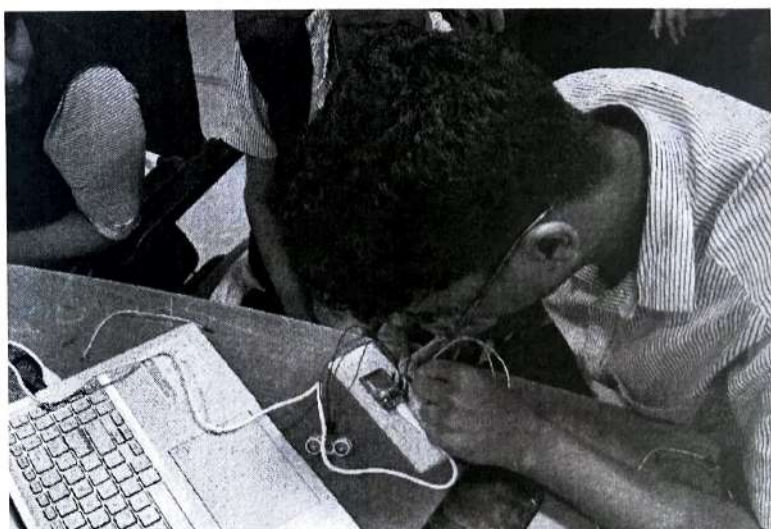




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Arakkunnam, Kerala 682313, India 02
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IEEE ROBOTICS AND AUTOMATION SOCIETY

STUDENT BRANCH CHAPTER

**Toc H Institute of Science and Technology
(IEEE RAS SBC Toc H)**

REPORT: GEN Ai

This is the report to intimate the events detailing that **IEEE RAS SBC Toc H** has successfully conducted an online talk session, '**Gen Ai**', on **29th July 2024** in association with **IEEE SB Toc H**. The session was held online on Google Meet, presented by **Akhil J P, Lead AI/ML Engineer from Kennedy's IQ**.

Goal	To provide a clear understanding of how generative AI is revolutionizing various industries, including its applications and ethical implications. Also helps to acquire essential expertise about how to combine these tools to spur creativity and improve their work practices.
Date	29 th June 2024
Time	7:00 PM (IST)
Time Zone	Asia - Kolkata
Event Type	Technical Event (Online)
Coordinators	Execom Members: Sivapriya D Vishnu Prasad Sabin Saju Niharika Madhu
No. of Participants	20
Programme	The Google Meet link was shared prior to the session. The speaker presented an

	interesting and interactive lecture covering the intricacies of Generative AI.
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Online Talk Gen Ai

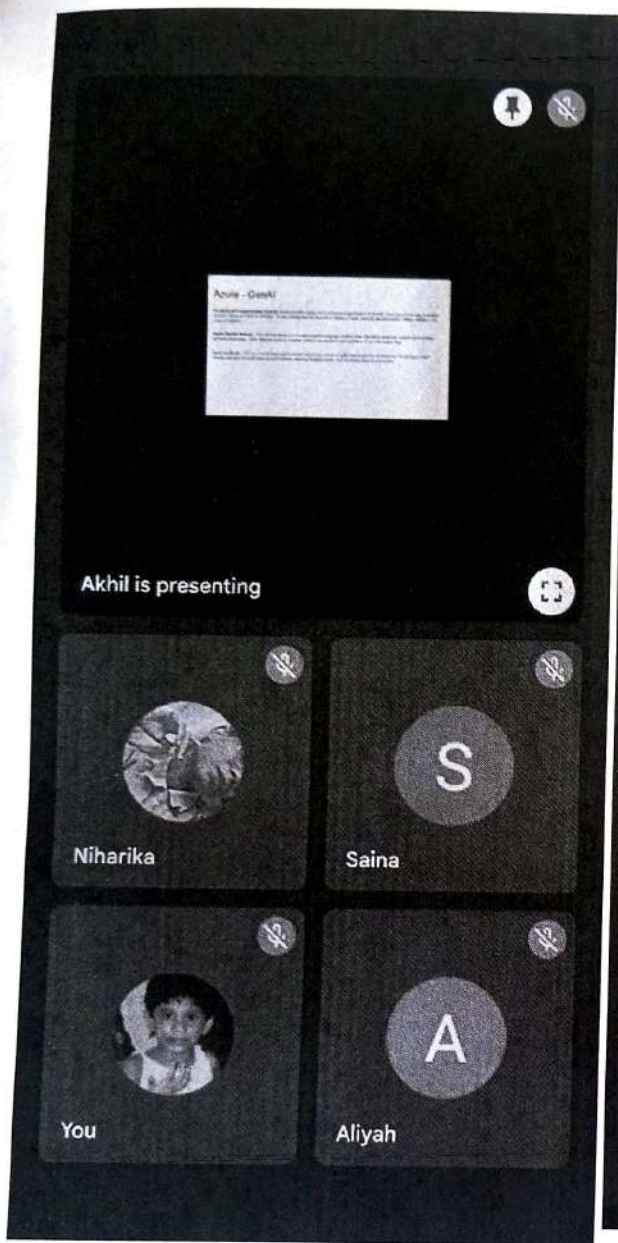
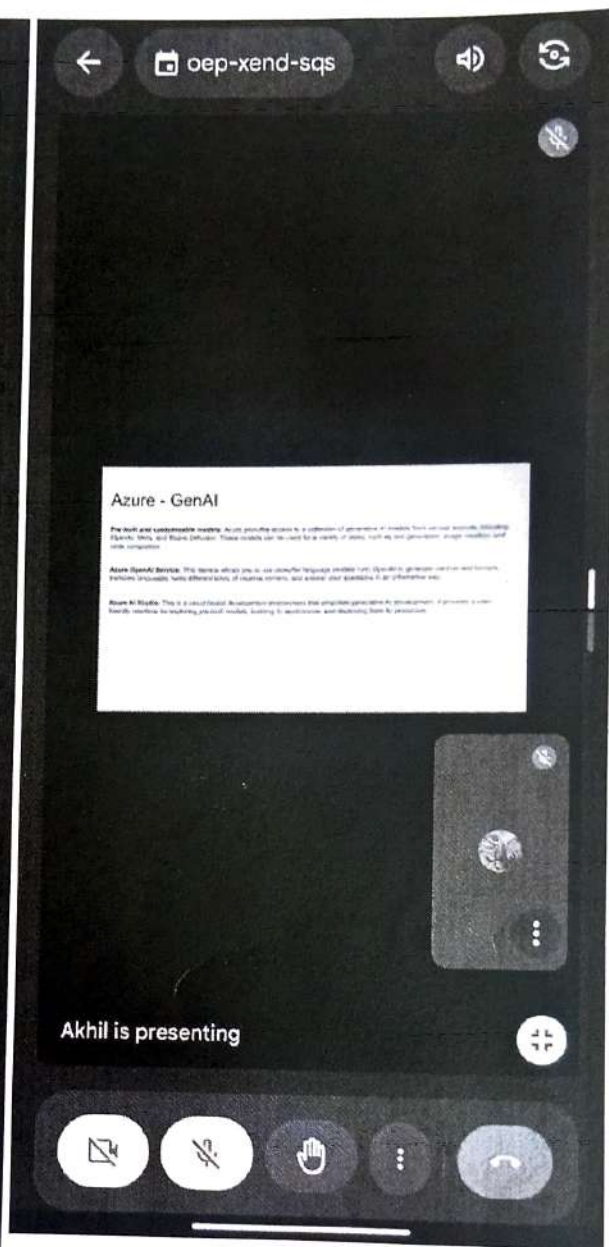
Uncover the potential of Generative AI. Learn how AI creates new content, its applications across industries, and the ethical considerations involved.

29 July 2024 | 7-8 pm



Akhil J P
Lead AI / ML Engineer, Kennedys IQ





IEEE COMPUTER SCIENCE SOCIETY**STUDENT BRANCH CHAPTER****Toc II INSTITUTE OF SCIENCE AND TECHNOLOGY****REPORT: HOW TO START CODING**

This is the report to intimate the events detailing that **IEEE CS SBC Toc II** has successfully conducted a online session on '**How to Start Coding**'

GOAL	To equip participants with foundational coding skills and resources, enabling them to confidently start their coding journey online.
DATE	12th july 2024
TIME	7:30 PM to 8:30 PM
TIME ZONE	Asia-Kolkata
VENUE	Google Meet
EVENT TYPE	technical
CONCENTRATION LEVEL	S. B. Level
COORDINATORS	4 Execom Members
NO. OF PARTICIPANTS	IEEE Members - 4 Non-IEEE Members - 40
PROGRAMME	The session began with an overview of different programming languages and their applications. Participants were guided through setting up their development

	environment and introduced to essential online resources for learning. Practical coding exercises were provided to practice basic concepts like syntax, variables, and loops. The session concluded with a Q&A to address any questions and clarify doubts.
FEEDBACK	The program was well-structured, providing clear guidance for beginners, and effectively introduced the basics of coding in a practical way.

HOW TO START CODING IN 2024

Guest
NAYANA S
ASSOCIATE CLOUD
ENGINEER, BADA
Venue: Google Meet



6 PM

REGISTER NOW

https://bit.ly/startcoding_2024

OPEN TO ALL !

**16TH
JULY**

