

# IEEE SB SJCET

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2023

## 1. Technista #1: Digital Marketing for Career Opportunities

Venue: Online

Date: 21st February 2023

### Introduction

IEEE SB SJCET organized its annual technical convention, Technista '23 from 21st February 2023 to 3rd March 2023 in a hybrid mode. As part of this program, a talk session on Digital Marketing for Career Opportunities by Mr. Sreeresh K, Digital Performance Director at Nexxa Corporates on 21st February 2023 from 7:00 PM IST. The specific objective of this session was to enlighten the participants on the increasing demand for digital marketing and its possibilities.

### Event Objectives

- Enlighten the participants on the importance of digital marketing
- Provide necessary training on how to get started in digital marketing
- Make them ready for the upcoming revolutions in the technical market.

### Brief Description

Technista is the annual technical convention of IEEE SB SJCET. The IEEE SB SJCET organized the latest edition of this technical convention, Technista '23 from 21st February 2023 to 3rd March 2023 in a hybrid mode. As part of this program, a talk session on Digital Marketing for Career Opportunities by Mr. Sreeresh K, Digital Performance Director at Nexxa Corporates on 21st February 2023 from 7:00 PM IST. The specific objective of this session was to enlighten the participants on the increasing demand for digital marketing and its possibilities. Around 70 participants took part in the talk session from various institutions across Kerala.

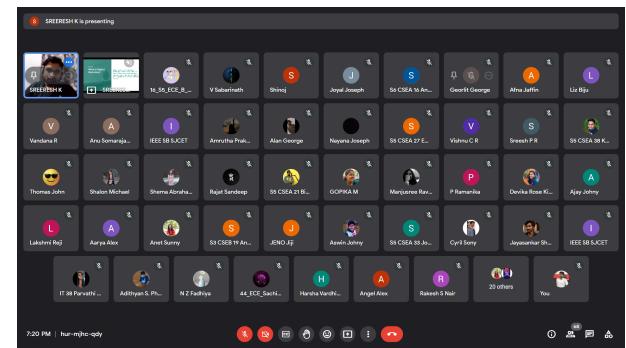
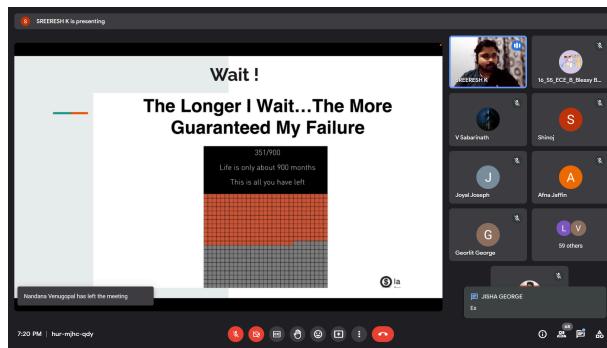
### Demographic

No of Participants: 68

IEEE members: 31

Non-IEEE members: 37

## Glimpses of the Event



## 2. Technista #2: Introduction to RedTeaming

### **RedTeaming ≠ Pentest**

Venue: Online

Date: 22nd February 2023

#### **Introduction**

IEEE SB SJCET organized its annual technical convention, Technista '23 from 21st February 2023 to 3rd March 2023 in a hybrid mode. As part of this program, a talk session on Introduction to RedTeaming: RedTeaming ≠ Pentest by Mr. Sachin Jose, Cyber Security Analyst, and Security Researcher on 22nd February 2023 from 7:00 PM IST. The specific objective of this session was to enlighten the participants with an induction program on red teaming operations

#### **Event Objectives**

- Enlighten the participants on the importance of cybersecurity
- Provide necessary training on how to get started in red teaming operations
- Make them aware of the various red teaming frameworks

#### **Brief Description**

Technista is the annual technical convention of IEEE SB SJCET. The IEEE SB SJCET organized the latest edition of this technical convention, Technista '23 from 21st February 2023 to 3rd March 2023 in a hybrid mode. As part of this program, a talk session on Introduction to RedTeaming: RedTeaming ≠ Pentest by Mr. Sachin Jose, Cyber Security Analyst, and Security Researcher on 22nd February 2023 from 7:00 PM IST. The specific objective of this session was to enlighten the participants with an induction program on red teaming operations. Around 30 participants took part in the talk session from various institutions across Kerala.

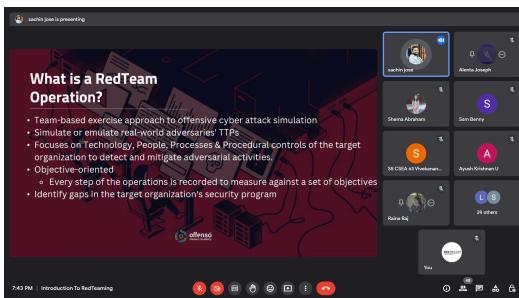
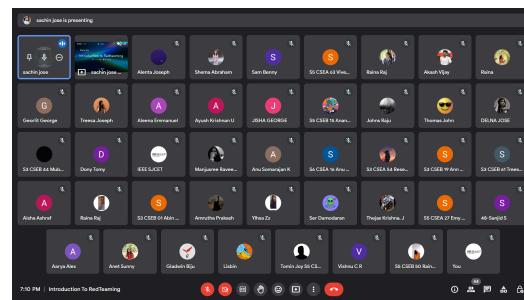
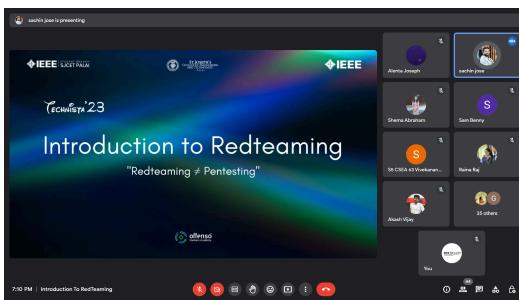
## Demographic

No of Participants: 31

IEEE members: 7

Non-IEEE members: 24

## Glimpses of the Event



### **3. Technista #3: Traccia**

Venue: Online

Date: 27th February 2023

#### **Introduction**

IEEE SB SJCET organized its annual technical convention, Technista '23 from 21st February 2023 to 3rd March 2023 in a hybrid mode. As part of this program, an online treasure hunt was organized for the registrants on 27th February 2023 from 7:00 PM IST. The specific objective of this session was to engage and stimulate the problem-solving skills of the registrants.

#### **Event Objectives**

- Upskill the problem-solving skills of the participants
- Engage the participants with technical knowledge through a fun-filled competition

#### **Brief Description**

Technista is the annual technical convention of IEEE SB SJCET. The IEEE SB SJCET organized the latest edition of this technical convention, Technista '23 from 21st February 2023 to 3rd March 2023 in a hybrid mode. As part of this program, an online treasure hunt was organized for the registrants on 27th February 2023 from 7:00 PM IST. The specific objective of this session was to engage and stimulate the problem-solving skills of the registrants. Around 70 participants took part in the talk session from various institutions across Kerala. The competition was organized via Google Form. Johns Raju from St. Joseph's College of Engineering and Technology, Palai was selected as the winner of the competition and was awarded a cash prize of ₹1000.

#### **Demographic**

No of Participants: 73

IEEE members: 30

Non-IEEE members: 43

## Glimpses of the Event



## 4. Technista #4: Refute

Venue: Online

Date: 1st March 2023

### Introduction

IEEE SB SJ CET organized its annual technical convention, Technista '23 from 21st February 2023 to 3rd March 2023 in a hybrid mode. As part of this program, an online debate competition was organized for the registrants on 1st March 2023 from 7:00 PM IST. The specific objective of this session was to encourage a healthy debate culture within the student branch.

### Event Objectives

- Upskill the knowledge of registrants in various technical domains.
- Encourage a healthy debate culture within the student branch.

### Brief Description

Technista is the annual technical convention of IEEE SB SJ CET. The IEEE SB SJ CET organized the latest edition of this technical convention, Technista '23 from 21st February 2023 to 3rd March 2023 in a hybrid mode. As part of this program, an online debate competition was organized for the registrants on 1st March 2023 from 7:00 PM IST. The specific objective of this session was to encourage a healthy debate culture within the student branch. The competition was organized via Google Meet. Johns Raju, Vivekanand R, and Jerry Sebastian from 3rd Year Computer Science Department were selected as the winners of the competition and were awarded a cash prize of ₹1000.

### Demographic

No of Participants: 9

IEEE members: 1

Non-IEEE members: 8

## Glimpses of the Event



## 5. Technista #5: Python Bootcamp

Venue: Hybrid

Date: 1st March 2023 - 3rd March 2023

### Introduction

IEEE SB SJ CET organized its annual technical convention, Technista '23 from 21st February 2023 to 3rd March 2023 in a hybrid mode. As part of this program, a hybrid Python Bootcamp was organized for the registrants from 1st March 2023 to 3rd March 2023 by Mr. Midhun M, Co-Founder of Reverttech IT Solutions. The specific objective of this session was to upskill the participants in the domain of Python Programming.

### Event Objectives

- Upskill the knowledge of registrants in Python Programming.
- Encourage a healthy learning culture within the student branch
- Provide hands-on training for the registrants in Python Programming

### Brief Description

Technista is the annual technical convention of IEEE SB SJ CET. The IEEE SB SJ CET organized the latest edition of this technical convention, Technista '23 from 21st February 2023 to 3rd March 2023 in a hybrid mode. As part of this program, a hybrid Python Bootcamp was organized for the registrants from 1st March 2023 to 3rd March 2023 by Mr. Midhun M, Co-Founder of Reverttech IT Solutions. The specific objective of this session was to upskill the participants in the domain of Python Programming. The first two days were organized in an online mode and the third day was organized in an offline environment at St. Joseph's College of Engineering and Technology, Palai.

### **Demographic**

No of Participants: 29

IEEE members: 14

Non-IEEE members: 15

### **Glimpses of the Event**



## 6. Technista #6: Talk Session on Black Hole

Venue: Offline

Date: 3rd March 2023

### Introduction

IEEE SB SJCET organized its annual technical convention, Technista '23 from 21st February 2023 to 3rd March 2023 in a hybrid mode. As part of this program, an interactive talk session on Black Hole was organized by Master Vivaan Sarath, a young prodigy. The specific objective of this session was to encourage the talent of the young prodigy, Vivaan.

### Event Objectives

- Upskill the knowledge of registrants in Black Hole.
- Provide a platform to support the caliber of Master Vivaan Sarath

### Brief Description

Technista is the annual technical convention of IEEE SB SJCET. The IEEE SB SJCET organized the latest edition of this technical convention, Technista '23 from 21st February 2023 to 3rd March 2023 in a hybrid mode. As part of this program, an interactive talk session on Black Hole was organized by Master Vivaan Sarath, a young prodigy. The specific objective of this session was to encourage the talent of the young prodigy, Vivaan. Around 30 students took part in this session. The was organized in an offline environment at St. Joseph's College of Engineering and Technology, Palai.

### Demographic

No of Participants: 29

IEEE members: 14

Non-IEEE members: 15

## Glimpses of the Event



## 7. SCISCAPE - SCIWELL (Quiz)

Venue: Online

Date: 19th March 2023

### Introduction

IEEE SB SJCET organized an online program, SCISCAPE from 19th March 2023 to 20th March 2023 as part of the Science Month celebrations. As part of this program, an online quiz competition, Sciwell, was organized for the registrants on 19th March 2023 from 7:00 PM IST. The specific objective of this session was to engage and stimulate science and technology knowledge among the students.

### Event Objectives

- Upskill the problem-solving skills of the participants
- Engage the participants with technical and scientific knowledge through a fun-filled competition

### Brief Description

IEEE SB SJCET organized an online program, SCISCAPE from 19th March 2023 to 20th March 2023 as part of the Science Month celebrations. As part of this program, an online quiz competition, Sciwell, was organized for the registrants on 19th March 2023 from 7:00 PM IST. The specific objective of this session was to engage and stimulate science and technology knowledge among the students. The specific objective of this session was to engage and stimulate the scientific knowledge of the registrants. Around 70 participants took part in the talk session from various institutions across Kerala. The competition was organized via Google Form. Jamshida from MESCE was selected as the winner of the competition.

### Demographic

No of Participants: 29

IEEE members: 18

Non-IEEE members: 11

### Glimpses of the Event



## **8. SCISCAPE - SCIENTUDE (Debate)**

Venue: Online

Date: 20th March 2023

### **Introduction**

IEEE SB SJCET organized an online program, SCISCAPE from 19th March 2023 to 20th March 2023 as part of the Science Month celebrations. As part of this program, an online debate competition, Scientude, was organized for the registrants on 20th March 2023 from 7:00 PM IST. The specific objective of this session was to engage and stimulate science and technology knowledge among the students.

The specific objective of this session was to encourage a healthy debate culture within the student branch.

### **Event Objectives**

- Upskill the knowledge of registrants in various technical domains.
- Encourage a healthy debate culture within the student branch.

### **Brief Description**

IEEE SB SJCET organized an online program, SCISCAPE from 19th March 2023 to 20th March 2023 as part of the Science Month celebrations. As part of this program, an online debate competition, Scientude, was organized for the registrants on 20th March 2023 from 7:00 PM IST. The specific objective of this session was to engage and stimulate science and technology knowledge among the students. The specific

objective of this session was to encourage a healthy debate culture within the student branch. The competition was organized via Google Meet. Ajay Johny, Johns Raju, and Jerry Sebastian from St. Joseph's College of Engineering Technology, Palai were selected as the winners of the competition.

### **Demographic**

No of Participants: 12

IEEE members: 7

Non-IEEE members: 5

### **Glimpses of the Event**



## **IEEE Day Event Reports**

### **9. CROSSTECH**

Venue: Online

Date: 2nd October 2022

#### **Introduction**

IEEE CS SBC SJ CET conducted an online crossword puzzle competition as part of the IEEE Day 2022 celebration. The primary objective of this competition was to evaluate the awareness of the student members regarding the affairs of IEEE and to instill a spirit of volunteering in them.

#### **Event Objectives**

- Evaluate the awareness of students regarding the affairs of the IEEE
- Instill a spirit of volunteering in the participants
- Create an understanding of IEEE and its associated facts

#### **Brief Description**

IEEE CS SBC SJCET conducted an online crossword puzzle competition on 2nd October 2022 from 4:30 PM to 5:00 PM IST as part of the IEEE Day 2022 celebration. The main goals of this competition were to assess the student members' knowledge of IEEE matters and to foster in them a spirit of service. The competition was carried out in online mode via Google Forms. A total of 33 students participated in the competition. A prize pool worth ₹500 was awarded to the winner.

### **Demographic**

No of participants: 33

IEEE members: 23

Non-IEEE members: 10

### **Glimpses of the Event**



## 10. PICASA

Venue: Online

Date: 3rd - 7th October 2022

### Introduction

IEEE WIE Affinity Group of SB SJ CET conducted a poster-making competition, PICASA, for all the creative minds from October 3-7 as part of the IEEE Day Celebration 2022. The primary objective of this event was to upskill talented designers by providing them with an opportunity to showcase their skills.

### Event Objectives

- Upskill potential designers into a better version of themselves
- Provide an opportunity for designers to showcase their talents
- Share the virtues of IEEE all across the Student Branch.

### Brief Description

IEEE WIE Affinity Group of SB SJCET conducted a poster-making competition, PICASA, for all the creative minds from October 3-7 as part of the IEEE Day Celebration 2022. The competition was on the topic 'Leveraging Technology for a Better Tomorrow'. This event's main goal was to upskill exceptional designers by giving them a chance to demonstrate their abilities. Through this event, designers were given an opportunity to work on the given topic and develop high-quality designs. A total of 9 students took part in the competition. Among them, the winner was awarded a prize pool worth ₹500.

### **Demographic**

No of participants: 9

IEEE members: 8

Non-IEEE members: 1

### **Glimpse of the Event**



## 11. PENMANIACS

Venue: Online

Date: 9th October 2022

### Introduction

IEEE IAS SBC SJ CET organized a content writing competition, PENMANIACS, as part of the IEEE Day Celebrations 2022. The primary objective of this session was to upskill the writing skills of our participants and to showcase people with exceptional writing skills.

### Event Objectives

- Upskill the writing skills of our participants
- Showcase people with exceptional writing skills
- Celebrate the virtues of IEEE through an entertaining competition

### Brief Description

IEEE IAS SBC SJ CET organized a content writing competition, PENMANIACS, as part of the IEEE Day Celebrations 2022. The primary objective of this session was to upskill the writing skills of our participants and to showcase people with exceptional writing skills. The competition was on the topic "Experience of being an IEEE Volunteer" and entries from the participants were accepted till 9th October 2022. A total of 4 participants took part in the competition and the winner was awarded a prize pool worth ₹500.

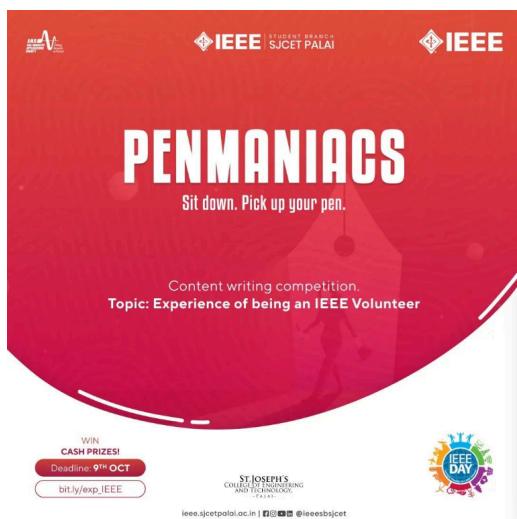
### Demographic

No of participants: 4

IEEE members: 4

Non-IEEE members: 0

### Glimpses of the Event



## 12. Dream to Design

Venue: Online

Date: 9th October 2022

### Introduction

IEEE RAS SBC SJCET organized a designing competition, "Dream to Design", as part of the IEEE Day 2022 celebration to envision the perfect robot/ automated product out of scratch. The primary objective of this program was to arouse the creative thinking skills of our participants and to enhance their caliber in product designing.

### Event Objectives

- Arouse the creative thinking skills of the participants
- Enhance their caliber in product designing.
- Celebrate the virtues of IEEE through an entertaining competition

### Brief Description

IEEE RAS SBC SJCET organized a designing competition, "Dream to Design", as part of the IEEE Day 2022 celebration to envision the perfect robot/ automated product out of scratch. The primary objective of this program was to arouse the creative thinking skills of our participants and to enhance their caliber in product designing. The entries from the participants were collected till 9th October 2022. A total of 5 participants took part in the competition and the winner was awarded a prize pool worth ₹500.

### Demographic

No of participants: 5

IEEE members: 5

Non-IEEE members: 0

## Glimpses of the Event



## 13. Annual General Meeting 2023

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

Date: 15 June 2023

### INTRODUCTION

The annual general meeting of IEEE SB SJCET was held on 15th June 2023, Thursday from 2:30 pm to 4:30 pm. The event included speeches, introduction of new executive committee members, honoring of previous executive committee members, presentation of annual reports and action plan followed by a photo session.

### EVENT OBJECTIVE

- To introduce the new executive committee members for 2023 and provide them with an opportunity to present themselves to the IEEE SB SJCET.
- To present the annual report of IEEE SB SJCET, highlighting the achievements and activities of the previous year.
- To outline the action plan for the upcoming year, including the events and initiatives..
- To express gratitude and appreciation to the previous executive committee members who have contributed to the success of IEEE SB SJCET.

### BRIEF DESCRIPTION

The event kick-started with The Code of Ethics by Ms. Raina Raj, the Vice Chair of IEEE SB SJCET 22. Following the code of ethics Ms. Devananda.S , the Secretary-Elect of the IEEE SB SJCET, gave an Introduction and Welcome Speech, marking the official beginning of the event. Next, Mr. Akash Vijay, the Secretary of the IEEE SB SJCET, presented the Annual Report, highlighting the achievements, activities, and progress of the organization during the past year. Mr. Jachin Bency Thomas, the Chair of the IEEE

SB SJCET 22, then addressed the audience and introduced the new Executive Committee members for 2023.

Prof. Sabarinath Pillai, then felicitated during the event. Prof. Sreesh P R, the Branch Counselor of the IEEE SB SJCET, delivered an address, likely providing guidance and support to the branch members.

Mr. Akash Vijay presented the Action Plan for the coming year and was announced as the Chair-Elect for the IEEE SB SJCET. Finally, Ms. Aleena Johny, the Vice Chair-Elect of the IEEE SB SJCET, gave the Vote of Thanks, expressing gratitude to all those who contributed to the event and its organization. The event concluded with a Photo Session, where participants could capture memories and celebrate the occasion.

## DEMOGRAPHICS

No of participants: 100

IEEE members: 100

Non-IEEE members: 0

## GLIMPSES OF THE EVENT



## 14.SMP -1 st OFFLINE SESSION

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

Date: 3rd & 4th June, 2023

### INTRODUCTION

IEEE SIGHT AG SJCET along with IEEE WIE AG SJCET in collaboration with IEEE SIGHT Kerala Section has taken an initiative called "SMP" (Student Mentorship Programme), which aims to develop enthusiastic young mentors by providing them a platform to grow and execute. The first offline session of SMP was held on 3rd 4 th June 2023.

### EVENT OBJECTIVE

- Provide students with hands-on experience in their respective stacks.
- Offer practical sessions tailored to their specific fields of study.
- Conducted a dedicated session on effective mentorship.
- Shared tips and insights on becoming a successful mentor.

### EVENT DESCRIPTION

The offline session held for Python, IoT, EV, Frontend, and Drone stacks on June 3rd and 4th, 2023, marked a significant two-day event that drew the participation of approximately 28 students representing different domains. The inaugural day commenced with a formal inauguration ceremony, setting the tone for an immersive learning experience. An ice-breaking session followed, fostering an environment conducive to networking and collaboration among attendees. The event's highlight was the stack-specific sessions, each commencing at 11:00 am, where students delved deep into their respective domains, engaging in hands-on learning and knowledge exchange. As the first day concluded, a memorable wrap-up was arranged, featuring a lively photo session capturing moments of shared experiences. Additionally, a

culturally enriched evening unfolded, providing a platform for participants to unwind and connect on a more informal level. The second day of the event witnessed a collective mentoring session led by a distinguished figure in the field, Mr. Ajith Kumar Ramaswamy, the Director of the Mentor Institute for Leadership Development, Kollam. His insights and guidance on effective mentoring strategies were invaluable, offering students a broader perspective on mentorship and leadership within their technological spheres. The event culminated with a closing ceremony, allowing for reflections on the learnings and achievements gathered over the two days. Overall, the event served as a holistic platform, combining practical learning, mentorship, and networking opportunities for the participating students across diverse tech stacks.

## DEMOGRAPHICS

No of participants: 28

IEEE members: 15

Non-IEEE members: 13

## GLIMPSES OF THE EVENT



## 15. Codekalari

Venue: online

Date: 31<sup>st</sup> July – 5<sup>th</sup> August

### INTRODUCTION

IEEE SB SJCET in collaboration with IEEE SB ASIET, IEEE SB GEC PALAKKAD, IEEE SB NCERC, and IEEE SB SSET conducted CODEKALARI, a prominent event under the umbrella of IEEEExtreme, which took place successfully. The event commenced on 31<sup>st</sup> July with an engaging introduction session.

### EVENT OBJECTIVE

The event aimed to provide participants with an immersive coding experience and a platform to enhance their programming skills.

### BRIEF DESCRIPTION

The event commenced on 31<sup>st</sup> July with an engaging introduction session. Approximately 56 participants actively took part in CodeKalari. The diverse group of participants added to the vibrant atmosphere of the event, fostering knowledge-sharing and collaborative learning. From the 1<sup>st</sup> to the 5<sup>th</sup> of August, participants were immersed in a series of intensive C programming sessions. These sessions were structured to cover a range of concepts, from basic syntax to advanced problem-solving techniques. The participants were organized into 7 groups, allowing for personalized attention and fostering teamwork along with a mentor for each group. The event received overwhelmingly positive feedback from the participants. They appreciated the well-organized sessions, engaging content, and the opportunity to work closely with their peers. In conclusion, CodeKalari proved to be a resounding success as part of IEEEExtreme. The organizing team is grateful for the participants' active involvement and looks forward to organizing similar events in the future.

## DEMOGRAPHICS

No of participants: 259

IEEE members: 120

Non-IEEE members: 139

## GLIMPSES OF THE EVENT



A screenshot of a competition day interface. The top bar shows 'During the Competition Day:'. Below it, a world map indicates team locations. Three callout boxes provide instructions: 1. 'Teams gather in each venue before 00:00:00 UTC on the competition day.' 2. 'At 00:00:00 UTC we release a welcome message and the first set of challenges.' 3. 'Log in to the online contest platform and get ready!' and 'At regular intervals for the next 24 hours we continue to release challenges.' A sidebar on the right lists participant names: Albinaya J, Ashwin Sivasan..., Akhila Shivaakar, VIVEK VINOD, Akash Viprav, Sona Saji, and Akhil. The bottom navigation bar includes 'Participants', 'Chat', 'Show Scores', 'Award', 'Rewards', and 'App'.

## 16. SHADES OF ONAM

Venue: online

Date: 23rd August 2023-26th August 2023

### INTRODUCTION

The Student community of IEEE Women in Engineering affinity group of IEEE SB SJCET Palai, has conducted a photography competition SHADES OF ONAM based on the college Onam celebration. It was conducted in online platform from 23rd August 2023 to 26th August 2023. There were about 6 participants. The judgment was done by Nitha M Biju (WIE Chapter Advisor). There were active participation from the participants.

### EVENT OBJECTIVE

- Provide an opportunity for the students to showcase their photography skills.
- To improve their creative skill.

### BRIEF DESCRIPTION

The event SHADES OF ONAM was planned and organized by IEEE WIE SB SJCET. The event was organized to showcase their photography skills. Registration for this event started from 23rd August 2023 through online mode and the event started from 24th August 2023 to 26th August 2023. This event was open to all. Participants have to send the images in jpeg format and should satisfy all the guidelines mentioned in the poster. The responses were collected and analyzed. The best snapshots were selected by Mrs Nitha M Biju (WIE Chapter Advisor, SB SJCET). Winners of this event were Mr. Athul Saji (SJCET), Mr. Akhil Sabu (SJCET). Certificates were given to the participants and winners. The outcome was fruitful and responses were good.

### DEMOGRAPHICS

No of participants: 6

IEEE members: 2

Non-IEEE members: 4

## GLIMPSES OF THE EVENT



## 17. MOBILITY MINDS- INNOVATE THE FUTURE

Venue: Online

Date: 2nd September- 10th September 2023

### INTRODUCTION

IEEE IAS Student Branch of St Joseph's College of Engineering and Technology(IEEE IAS SB SJ CET) conducted a Smart Mobility based design competition MOBILITY MINDS. The event was conducted in virtual mode from 2nd September 2023 to 10th September 2023. There was an active participation from all the participants from various colleges.

### EVENT OBJECTIVE

- To encourage designers to think creatively and come up with innovative ideas which can lead to development.
- To help students learn and research more about Smart Mobility and its impact on transportation.
- Providing students a platform to showcase their design and planning ability.
- To give them an opportunity to gain exposure and recognition within an industry.

### BRIEF DESCRIPTION

The event "Smart Mobility-Innovate the Future" was planned and organized by IEEE IAS SB SJ CET. The event was planned to provide young innovators a chance to showcase their skills and imagination in designing modern vehicles. Event registration and idea submission both were conducted in virtual mode, registration started from 2nd September 2023 to 10th September 2023. Participants had to register and present their ideas with design models through a pdf file document. Then, all responses were collected and analyzed. The best project idea designs were selected by Mr. Sreesh P R, Chapter Advisor IEEE IAS SB SJ CET. Design ideas were selected and prioritized based on specific criteria such as sustainability, efficiency,

aesthetics, safety etc. Winners of this event were Shaine Thomas (SJCET), Alan Shaji (VJCET), Adith M V(CUSAT). There was a commendable effort put forth by all participants which led to the success of the event.

## DEMOGRAPHICS

No of participants: 8

IEEE members: 5

Non-IEEE members: 3

## GLIMPSES OF THE EVENT



## 18. Induction Program

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

Date: 13th September 2023

### INTRODUCTION

On September 13, 2023, the IEEE Student Branch at SJ CET organized an induction program for the newly enrolled first-year students. The initiative sought to acquaint students with the opportunities that IEEE offers in the field of engineering. This event proved to be highly successful, leaving a lasting impression on the participants.

### EVENT OBJECTIVE

To introduce first-year students to the IEEE, foster a passion for technology, and provide insights into the opportunities and resources available through IEEE at SJ CET.

### BRIEF DESCRIPTION

The program commenced with a warm welcome by Mr. Aswin Jeev Johny, MD lead IEEE SB SJ CET, and Mr. Athul Saji, Publicity Coordinator IEEE SB SJ CET, who shared their experiences as active IEEE members, emphasizing the benefits of IEEE membership. A comprehensive presentation followed, offering an overview of IEEE's history, mission, and the various societies and chapters available within IEEE, enabling students to grasp the vast scope of IEEE. The benefits of IEEE membership were elucidated through real-life examples, including access to cutting-edge research, networking opportunities, and career development resources. They highlighted the IEEE Student Branch at SJ CET, its achievements, and upcoming activities, encouraging active participation. Engaging in interactive sessions and discussions prompted students to contemplate how IEEE membership could benefit them personally and professionally. An interactive Q&A session allowed students to seek clarifications and express curiosity about IEEE. Finally, a membership drive enabled interested students to instantly become IEEE members, concluding the program on a proactive note.

## DEMOGRAPHICS

No of participants: 600

IEEE members: 0

Non-IEEE members: 600

## GLIMPSES OF THE EVENT



## 19. FastNfolio

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

Date: 15th September 2023

### INTRODUCTION

On September 15, the IEEE Student Branch SJ CET hosted an exciting and enlightening event titled "FASTNfolio: Unleash Your Tech Portfolio's Full Potential." The event aimed to empower tech enthusiasts to harness the full potential of their digital portfolios. In this 3-hour virtual session, participants delved into the art of creating outstanding website portfolios tailored to the tech-savvy world.

### EVENT OBJECTIVE

Empower participants with the knowledge and skills to craft visually appealing portfolio websites with a distinct tech edge, enhancing their digital presence and career prospects.

### BRIEF DESCRIPTION

On September 15, 2023, IEEE SB SJ CET hosted FASTNfolio, an exclusive 3-hour offline event to equip tech enthusiasts with the skills to craft their own portfolio websites. It was a unique campaign by Trizwit Labs to help students to build their portfolio website faster and appealing. The event began with a warm welcome and registration of eager participants, followed by expert guidance from industry professionals, technical workshops covering web design and coding, and hands-on practice where attendees developed their websites. The session was handled by Mr.Govindaraman S ,Frontend developer at Trizwit Labs. Personalization and peer collaboration were encouraged, and constructive feedback was provided during a review session. The event culminated in a project showcase, allowing participants to display their newly created portfolio websites. FASTNfolio exemplified IEEE SB SJ CET's commitment to fostering digital skills and enhancing participants' online presence.

## DEMOGRAPHICS

No of participants: 30

IEEE members: 16

Non-IEEE members: 14

## GLIMPSES OF THE EVENT:



## 20. MOTIFIG

Venue:Online

Date: September 23rd - September 25th

## INTRODUCTION

From September 23rd to 25th, a three-day online design extravaganza called “MOTIFIG” was brought to by IEEE SB SJCET in collaboration with Kochi Subsection and IEEE SB CEK as part of the Kochi Hub Connect initiative. Over these three days, participants had the opportunity to explore the incredible capabilities of Figma's powerful design tools and features.

## EVENT OBJECTIVE

Motifig is to empower participants to unlock their creative potential, foster innovation, and develop advanced design skills using Figma's powerful tools during a 3-day immersive online event.

## BRIEF DESCRIPTION

From September 23rd to 25th, IEEE SB SJCET in collaboration with IEEE SB CEK as part of the Kochi Hub Connect initiative conducted “MOTIFIG”, an immersive 3-day online event that fueled creativity through Figma's design prowess. On the first day, Tom C. Antony, an alumni of SJCET and UI designer, kicked off the event from 7:00 pm to 8:00 pm, providing a foundational understanding of Figma design. The second day featured Rajath Mathew, a designer and front-end developer, who delved into detailed tool explanations and their practical applications in poster design. On the third and final day, from 8:30 pm to 9:30 pm, Aswin Jeev Johnny took participants on an intense journey, exploring advanced applications of Figma's capabilities. This event aimed to transform attendees into design virtuosos by embracing innovation and unleashing their creative potential.

## DEMOGRAPHICS

No of participants: 30

IEEE members: 16

Non-IEEE members:14

## GLIMPSES OF THE EVENT:



## 21. Generative AI

Venue: Online

Date: 28th September 2023

## INTRODUCTION

IEEE Robotics and Automation Society, conducted a webinar on the topic “Generative AI”. The webinar, featuring Mr. Niyas Mohammad, Technology Specialist-AI at Litmus7, was held on September 28th at 7 pm through Google Meet.

## EVENT OBJECTIVE

- To provide an introductory understanding of Generative AI for participants.
- To encourage participants to explore the creative aspects of technology, emphasizing the role of imagination and innovation in AI development.
- Introduce the applications and use cases of Generative AI, demonstrating its relevance and adaptability.
- To foster an engaging and interactive learning environment where attendees can acquire basic knowledge about Generative AI

## BRIEF DESCRIPTION

The Robotics and Automation Society, Chapter of IEEE SB SJ CET conducted a webinar on “Generative AI” on 28th September 2023 from 07:00 pm to 08:00 pm on Google Meet and simultaneously live-streamed the event on YouTube. With a focus on achieving specific objectives, the webinar featured Mr. Niyas Mohammad, Technology Specialist-AI at Litmus7, as the speaker, and successfully provided an introductory understanding of Generative AI, encouraged participants to explore the creative aspects of technology, introduced the practical applications and use cases of Generative AI, and fostered a dynamic learning environment where attendees acquired essential knowledge about Generative AI. The event proved to be highly informative and engaging, prompting valuable discussions and insights.

## DEMOGRAPHICS

No of participants: 186

IEEE members: 36

Non-IEEE members: 150

### GLIMPSES OF THE EVENT



### 22. FAMILY FEUD

Venue: Online

Date: 30 September 2023

## INTRODUCTION

IEEE PES SBC SJCET, a dynamic chapter under the IEEE SB SJCET, brought an electrifying and entertaining twist to the world of academic events by channeling the spirit of the classic TV game show, “Family Feud.” On September 30th 2023, this innovative event came to life, providing participants with a remarkable opportunity to engage, collaborate, and compete while having a great time.

## EVENT OBJECTIVES

- Showcase skills in a fun and interactive setting
- Provide a platform to collaborate and network
- Promote learning in a fun way

## BRIEF DESCRIPTION

On Saturday, September 30th, 2023, IEEE PES SBC SJCET hosted an engaging quiz competition that aimed to create a unique and interactive learning experience. What set this quiz apart was its virtual format, making it accessible to a wider audience. The rules and regulations of the quiz were explained at the outset to ensure a fair and enjoyable competition. The quiz itself was designed to encourage participants to compete, learn, and have intellectual fun. It provided an opportunity for attendees to showcase their knowledge and problem-solving skills in a friendly yet competitive environment. The event received overwhelmingly positive reviews, making it a successful and enjoyable experience for all involved.

## DEMOGRAPHICS

No of participants: 10

IEEE members: 10

Non IEEE members:0

## GLIMPSES OF THE EVENT



### 23. PREP TALK

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

Date: 2nd October 2023

## INTRODUCTION

The TECH INTERVIEW, Prep Talk IEEE SB SJCET was held on 2nd October 2023 Monday from 8.00 pm. The event was an exclusive online session, where the participants gained invaluable insights and strategies for acing those coding technical interviews.

## EVENT OBJECTIVE

The primary objective of the event is to assess a candidate's technical skills, knowledge, problem-solving abilities, and suitability for a specific technical role within an organization.

## BRIEF DESCRIPTION

The IEEE Computer Society Student Branch of SJCET successfully organized a Technical Interview Preparation Talk on October 2nd, 2023, featuring Adithya P. Nair, a Graduate Trainee Engineer at Siemens. The session provided valuable insights into industry demands, technical interview fundamentals, mock interview exercises, and practical tips for enhancing interview performance. Adithya P. Nair's comprehensive overview equipped participants with the necessary tools to excel in technical interviews, empowering aspiring engineering students at SJCET for the competitive job market. Gratitude was extended to Adithya P. Nair and all participants for contributing to the event's success.

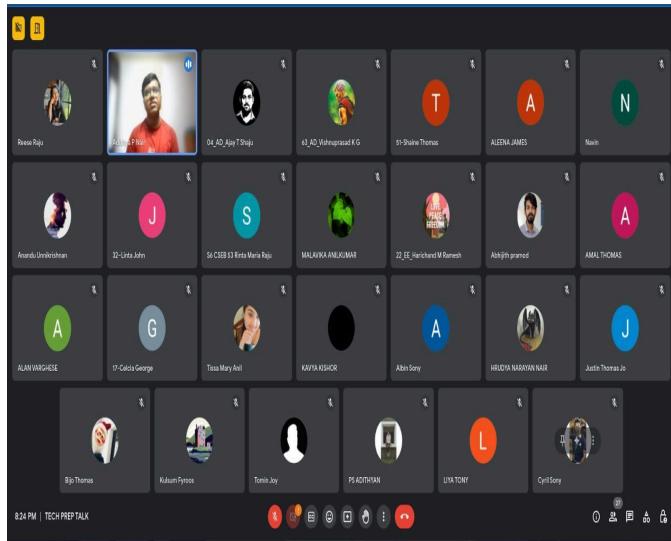
## DEMOGRAPHICS

No of participants: 30

IEEE members: 30

Non-IEEE members: 0

## GLIMPSES OF THE EVENT



## 24. AWS Cloud Deployments - Real Time Application Deployments

Venue: Online

Date: 13th October 2023

Time: 7:00 PM - 8:00 PM

### INTRODUCTION

IEEE SB SJCET, in collaboration with IEEE SB ASIET, IEEE SB GEC PALAKKAD, IEEE SB NCERC, and IEEE SB SSET, organized an insightful event titled "AWS Cloud Deployments - Real Time Application Deployments." The event was conducted successfully with Mr. Muthukrishnan Gurusamy, a Networking Management and Big Data Solutions expert, as the speaker. The session took place on Friday, 13th October 2023, from 7:00 PM to 8:00 PM.

### EVENT OBJECTIVE

The event aimed to provide participants with practical knowledge and real-time insights into AWS cloud deployments, focusing on real-time application deployments. It sought to equip participants with the skills and understanding necessary for deploying applications on the AWS cloud platform.

### BRIEF DESCRIPTION

The session was attended by a total of 85 participants, including both IEEE members and non-members. Mr. Muthukrishnan Gurusamy delivered an engaging and informative presentation, covering various aspects of AWS cloud deployments and real-time application deployments. The session provided participants with valuable insights into the best practices, challenges, and opportunities associated with deploying real-time applications on the AWS cloud. Participants actively engaged in the discussion, sharing their experiences and learning from the expertise of the speaker. The event received positive feedback from the participants, who appreciated the practical knowledge and real-world examples shared during the session.

In conclusion, the "AWS Cloud Deployments - Real Time Application Deployments" event proved to be a valuable learning experience for all participants. The organizing team expresses gratitude to Mr. Muthukrishnan Gurusamy for his insightful session and looks forward to organizing similar events in the future.

## DEMOGRAPHICS

Total Participants: 80

IEEE Members: 42

Non-IEEE Members: 38

## GLIMPSES OF THE EVENT



## 25. IEEE XTREME 2023

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

Date: 28th October 2023

### INTRODUCTION

The IEEEExtreme competition is more than just a coding challenge; it is a celebration of innovation, resilience, and teamwork. As our IEEE members embarked on this intense journey of problem-solving and algorithmic wizardry, they not only represented our college but also demonstrated their commitment to pushing the boundaries of excellence.

### EVENT OBJECTIVE

The primary objective of IEEEExtreme Programming Competition is to provide a challenging platform that tests and enhances the problem-solving, coding, and teamwork skills of participants.

### BRIEF DESCRIPTION

The IEEEExtreme Programming Competition unfolded with resounding enthusiasm at St. Joseph college of engineering on October 28 under the supervision of Mr. Abhimanyu J our Xtreme ambassador. The event marked a significant participation from our IEEE student branch, with 16 teams comprising a total of 54 students engaging in the intense 24-hour coding marathon. Among a staggering total of 4221 teams worldwide, our IEEE members showcased their exceptional skills and passion for programming in a highly competitive environment.

The atmosphere was charged with excitement and anticipation as teams collaborated, brainstormed, and coded solutions to an array of algorithmic problems. The event not only tested the participants' technical prowess but also their ability to work cohesively as a team under tight deadlines.

Despite the global scale of the competition, our IEEE members demonstrated outstanding dedication and perseverance. Their active involvement showcased the commitment to excellence that defines our student branch. The results of the IEEEExtreme competition are a testament to the caliber of talent within our IEEE community. As we reflect on the success of this event, it becomes evident that our IEEE

members are not just participants; they are contributors to the global landscape of competitive programming.

#### **DEMOGRAPHIC**

No of participants: 54

No of Teams:16

#### **GLIMPSES OF THE EVENT**



## **26. All Kerala Communications Society Student Conclave (AKComSocSC '23)**

Venue: St Joseph's College of engineering and technology,Palai

Date: November 4th and 5th, 2023

### **INTRODUCTION**

The IEEE ComSoc Kerala Chapter, in collaboration with IEEE SB SJ CET, organized the highly anticipated All Kerala Communications Society Student Conclave (AKComSocSC '23) on November 4th and 5th, 2023. The conclave featured a series of insightful workshops and sessions aimed at providing participants with valuable knowledge and practical insights into the field of communications.

### **EVENT OBJECTIVE**

The conclave aimed to offer participants a platform to enhance their understanding of various aspects of communications, including Software Defined Radio, Machine Learning, and the ChaSTE/CHANDRAYAAN-3 mission. The workshops were designed to provide participants with hands-on learning experiences and exposure to the latest developments in the field.

### **BRIEF DESCRIPTION**

The inaugural day of AKComSocSC commenced with an energetic opening ceremony, paving the way for a day filled with insights and engagement. The Young Professionals (YP) track provided valuable perspectives on job opportunities in software companies. An afternoon panel delved into "The Future of Tech: Trends and Opportunities for Women," followed by an intriguing mentalist session. The day continued with a team-building treasure hunt and concluded on a festive note with a cultural night, setting the stage for further discussions and activities in the coming days.

In addition, the workshops on Software Defined Radio, Machine Learning, and ChaSTE/CHANDRAYAAN-3, Software Defined Radio (SDR) brought together experts and enthusiasts to delve into the cutting-edge developments in radio communication technology. Participants engaged in hands-on sessions. Machine Learning showcased the interesting aspects of artificial intelligence. The sessions delved into real-world applications, fostering a deeper understanding of the synergies of machine learning and artificial intelligence. The workshop of ChaSTE/CHANDRAYAAN-3 focusing on space exploration and lunar missions, further enriched the event. Participants delved into the intricacies of Chandrayaan-3, India's ambitious lunar exploration program. The event culminated in a grand closing ceremony, graced by important IEEE delegates, underscoring the collaborative spirit of the workshops. The ceremony concluded with a memorable photo session, capturing the collective enthusiasm and shared experiences of the participants, marking the successful conclusion of this multifaceted and enriching event.

A total of 130 participants actively engaged in the conclave, demonstrating a strong interest in the diverse topics covered. The events provided participants with valuable insights and opportunities to interact with industry experts and researchers. The interactive nature of the conclave allowed for meaningful discussions and knowledge sharing, further enhancing the overall experience.

The conclave received positive feedback from the participants, who appreciated the opportunity to engage in thought-provoking discussions and network with peers and experts in the field. The event proved to be a valuable platform for knowledge

dissemination, skill enhancement, and professional networking in the field of communications.

In conclusion, the All Kerala Communications Society Student Conclave (AKComSocSC '23) was a resounding success, providing participants with a holistic learning experience and valuable networking opportunities. The organizing team expresses gratitude to all the speakers, panelists, and participants for their active involvement and looks forward to organizing similar events in the future.

## DEMOGRAPHICS

Total Participants: 130

## GLIMPSE OF THE EVENT



## 27. FUSION 360:Transform Ideas to Digital Realities

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

Date: 28th & 29th November, 2023

## INTRODUCTION

IEEE IAS SBC SJCET in collaboration with IEEE RAS SBC SJCET conducted a two-day offline workshop on Fusion 360. The workshop aimed to provide a comprehensive exploration of Autodesk Fusion 360, a groundbreaking software offering an integrated approach to 3D design, engineering, and manufacturing. This workshop served as a unique opportunity for participants to deepen their understanding in bringing a concept from design to production.

## EVENT OBJECTIVE

- To familiarize attendees with the user interface, basic functionalities of Fusion 360.
- Enable participants to gain hands-on experience in using Fusion 360 for creating 3D designs.
- Provide practical experience in simulating real-world scenarios to assess the performance and integrity of designs.

## BRIEF DESCRIPTION

The Fusion 360 Design and Simulation Workshop conducted on 28th and 29th November, 2023 was an offline event focused on providing participants with a deep dive into the capabilities of Autodesk Fusion 360. The workshop was handled and instructed by fourth year Mechanical Engineering students Mr. Jijo Jose, Mr. Ranil Joseph and Mr. Benison Benny.

Day 1 of the workshop started by providing an introduction to Fusion 360, highlighting its status as an integrated design and simulation software.

Day 2 of the workshop dealt with practical hands-on sessions on software's user interface, cloud-based collaboration features, and overall workflow. Practical exercises allowed attendees to simulate real-world scenarios, assessing how designs would perform. Instructors shared best practices and tips for efficient design and simulation workflows in Fusion 360. A dedicated networking session provided participants with the opportunity to connect with fellow attendees and instructors.

The workshop successfully created an interactive and collaborative learning environment for the participants leaving with enhanced skills, practical insights and a broader understanding of Fusion 360's capabilities.

## DEMOGRAPHICS

Participants: 40

IEEE members: 18

Non IEEE members: 22

## GLIMPSES OF THE EVENT





## 28. Webinar:Career in Management through Management Exams

Venue: Online

Date: 9 December 2023

### INTRODUCTION

IEEE SB SJCET, in collaboration with Entri App, organized a transformative webinar on December 9, 2023, featuring the esteemed C. Siva Bhaskaran—an accomplished professional with an MSc, M.Phil, MBA, and PGDCA, specializing in aptitude training. The session was held from 8 pm to 9 pm on a Saturday, delved into the intricacies of pursuing a career in management through exams like CAT/MAT. The speaker shared invaluable insights on cracking these exams and securing admission into top-tier B-schools. The webinar's highlight was the formulation of personalized study plans, empowering students to leverage their strengths and align their efforts with their unique career goals. It was a beacon of guidance for aspiring management professionals.

### EVENT OBJECTIVE

- Empower students with insights on acing CAT/MAT exams.
- Guide attendees in crafting personalized study plans to get into top B-Schools

### BRIEF DESCRIPTION

IEEE SB SJCET, in collaboration with the Entri app, organized a transformative webinar on December 9, 2023, Saturday, from 8:00 PM to 9:00 PM. The event featuring the esteemed C. Siva Bhaskaran, an accomplished professional holding degrees in MSC, M.Phil, MBA, and PGDCA, with a specialization in aptitude training.

The focal point of the webinar was navigating the intricate landscape of a career in management through management exams. Mr. Bhaskaran, a seasoned aptitude trainer, delved into the intricacies of cracking prestigious exams such as CAT/MAT and shared invaluable insights on gaining admission to top-notch business schools.

The webinar served as an invaluable compass for aspiring management professionals, guiding them through the nuanced strategies and techniques required to excel in these competitive exams. Mr. Bhaskaran's wealth of experience and comprehensive understanding of the subject matter were evident as he provided a roadmap for success, helping attendees chart their course towards top business schools.

The session seamlessly blended theoretical knowledge with practical tips and real-world examples, making it engaging and relatable for the participants. The interactive nature of the webinar allowed students to seek clarification on specific doubts and gain a deeper understanding of the intricacies of management entrance exams.

In a world where the competition for admission to prestigious business schools is intense, this webinar provided a beacon of guidance for students aspiring to pursue a career in management. The collaboration between IEEE SB SJ CET and the Entri app underscored the commitment to providing quality educational resources and opportunities for students to excel in their chosen fields.

Overall, the webinar on the career in management through management exams was a resounding success, leaving participants inspired, informed, and equipped with the tools needed to embark on a successful journey towards their management aspirations. It stood as a testament to the power of collaboration in fostering educational initiatives that have a lasting impact on the future professionals of our society.

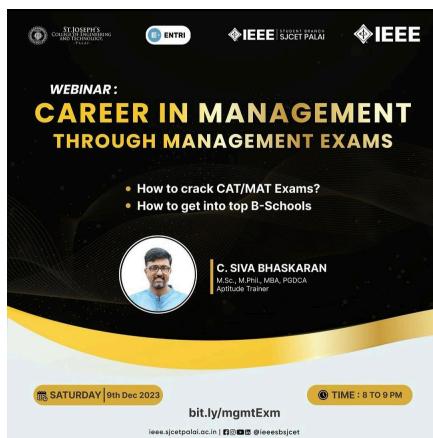
## DEMOGRAPHICS

No of participants: 30

IEEE members: 15

Non-IEEE members: 15

## GLIMPSES OF THE EVENT



## 29. M-A-C:MAKE A CHANGE

Mode: Online

Date: 10/12/2023

### Introduction

IEEE SIGHT SB SJCET conducted an online ideation competition. The event helped to convert the ideas into action. The Event gives support to innovative ideas for social impact. This event also helps to find funding and they will get a great networking opportunity.

### Event Objective

- To find Innovative ideas that can make social Impact
- Helping the team to convert the ideas into reality

### Brief Description

The recently concluded online event, spanning from December 5th to December 10th, 2023, proved to be a remarkable platform dedicated to discovering and nurturing impactful innovations. With an impressive pool of 10 submissions, the event meticulously shortlisted six exceptional teams, ultimately spotlighting three outstanding projects. The triumphant "Brain Tech" claimed the top prize for their groundbreaking work on brain-computer connectivity, followed closely by the ingenious "EVOINTEC," securing the second prize for their Smart Wheelchair concept. Notably, the third prize was awarded to the innovative minds behind "why am i bussy" for their visionary Solar Panel Efface Cleaning System. Beyond accolades, the event served as a catalyst for empowerment, fostering a sense of support and motivation among participating teams to drive their projects forward. Moreover, it facilitated invaluable networking opportunities, enabling fruitful connections that are poised to bolster the success prospects of these pioneering endeavors.

As ideas metamorphosed into actionable projects, attendees were not only inspired but also emboldened to take concrete steps towards their own innovative pursuits, propelling a culture of creativity and progress within the community.

### Demographics

Participants:10  
IEEE members:6  
Non IEEE members:4

### Glimpses of event





