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# **IEEE SB SJCET**

Annual Report 2022- 2023

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## **IEEE SB SJCET**

The IEEE Student Branch of St. Joseph's College of Engineering and Technology, Palai is one of the most celebrated student branches in the Kerala Section. With a membership of around 190, our SB has gained recognition at the section and region levels with awards like the IEEE Regional Exemplary Student Branch Award in R-10 - 2022, Outstanding Student Branch Award in 2021, IEEE Regional Exemplary Student Branch Award in R-10 - 2020, Outstanding Student Branch award from Kochi Subsection in 2019, and IEEE PES HPSBCP Award. Even when the pandemic stood as a hurdle to our activities, our student branch was able to pull off some of the most vibrant events like TECHNISTA 23, SUMMITIUM 21, TECHNISTA 20, PROTEAUX, and VOLTIS. Together, we enabled new IEEE members to work side by side with senior members, giving them a chance for growth and professional development. In terms of funding too, our student branch always stayed one step ahead on the scale. IEEE SB SJCET bagged a number of funding for various projects and events that it hosted.

With interesting activities in the Student Branch, there were more interactions and programs from societies that benefited the members thus the goal of increasing operational efficiency and effectiveness within the student branch and its interfaces and the goal of increasing the collaboration and cooperation between geographic units were met efficiently. Along with that,

many student members got selected for various execom positions in section and region levels. The wide variety of events conducted helped them in their skill development and enabled them to put themselves in more challenging positions.

## General Event Reports

### 1. En Garde

Venue: Online

Date: 23rd June 2022

#### Introduction

“En Garde” was an idea pitching competition conducted by the Women in Engineering Affinity Group of IEEE SB SJCET in connection with International Women in Engineering Day. It was conducted from June 23 via online mode. The judgment was done by Nitha M Biju (Wie Chapter Advisor). The participants had to write a suitable idea on the topic “TACKLING WOMEN’S SAFETY WITH TECHNOLOGY”.

#### Event Objectives

- Breeding fresh ideas and taking inputs.
- Provide an opportunity for the students to develop their ideas.
- To increase social skills and memory skills.

#### Brief Description

“En Garde” was an idea pitching competition conducted by the Women in Engineering Affinity Group of IEEE SB SJCET in connection with International Women in Engineering Day. For the successful conduction of any program, we need effective mind planning before the event. Finally, we decided to conduct an Idea pitching competition on “TACKLING WOMEN’S SAFETY WITH TECHNOLOGY” which helps everyone to bring



up their ideas and to communicate them precisely that can transform technology. There was active participation from all. The competition was a grand success.

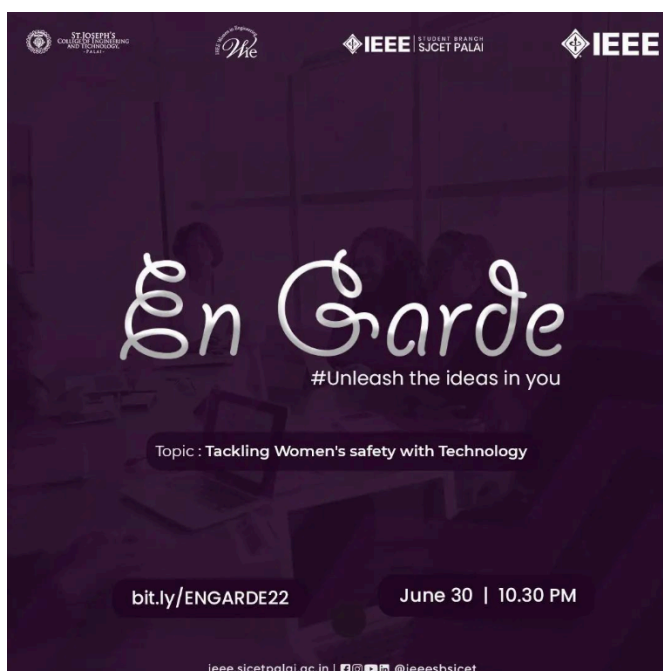
### Demographic

No of participants: 22

IEEE members: 15

Non-IEEE members: 7

### Glimpses of the Event



## **2. TECH SCRIBER [Technical Paper writing grooming session]**

Venue: Online

Date: 26th June 2022

### **Introduction**

IEEE CS SBC SJCET conducted a mentoring session on the topic “Technical paper writing grooming” on June 26th,2022. It was conducted from 7:00 pm to 7:30 pm on google meet. The session was handled by Ms, Ashly Sibichan, System Engineer at TCS. It was an informative and educative session

### **Event Objectives**

- Provide technical writing skills for participants
- Provide an opportunity for the students to develop their ideas.
- To provide exposure to technical paper writing

### **Brief Description**

IEEE CS SBC SJCET conducted a mentoring session on the topic “Technical paper writing grooming” on June 26th,2022. It was conducted from 7:00 pm to 7:30 pm on google meet. The session was handled by Ms, Ashly Sibichan, a System Engineer at TCS and an alumna of SJCET. A total of 20 participants registered for the event and all of them participated in the event. Out of the 20 participants, 15 were IEEE members and 5 were non-IEEE members. The mentor gave a detailed overview of how to write a technical paper through her own personal experience of writing such papers. This gave the participants a sense of understanding and knowledge on how to write technical papers.



### **3. EXPERIENCIA - Experience Sharing Session**

Venue: Online

Date: 30th June 2022

#### **Introduction**

IEEE SB SJCET in association with Robotics and Automation Society conducted an experience-sharing session "EXPERIENCIA". The session was taken by Mr. Jacob Thomas Puthukeril, System Analyst, Weatherford. It was on 30th June 2022 at 7 pm through Google meet.

#### **Event Objectives**

- To provide students with a first-person view of how the industry works and what are skills required to advance themselves professionally
- To understand, inspire, motivate, clarify and show our approach to the things around us.
- Share the experience of someone who is an expert in the automation industry with students aspiring to go up the same ladder

#### **Brief Description**

Robotics and Automation Society of IEEE SB SJCET conducted an experience-sharing session "EXPERIENCIA" on 30th June 2022. The session was taken by Mr. Jacob Thomas Puthukeril, System Analyst, Weatherford. The session was conducted from 07:00 pm-08:00 pm on Google meet. A total of 54 members attended the session. Out of which 32 were IEEE members and 22 were Non-IEEE members. The session was truly beneficial and very interactive.

## Demographic

No of participants: 54

IEEE members: 32

Non-IEEE members: 22

## Glimpses of the Event



## 4. RE - RIGHT

Venue: Online

Date: 28th May 2022

### Introduction

IEEE Women in Engineering affinity group team of IEEE SB SJCET Palai in collaboration with IEEE SB RIET, IEEE SB CECTL, IEEE SB KMCT CEW decided to conduct RE RIGHT-a story rewriting competition as part of WIE week 2022. With the theme “A story with a female character who has faced gender disparity”. The WIE team was able to pass on a single motto, to make our girls independent in all terms. This IEEE WIE-initiated program was conducted in online mode from 28 May 2022 to 2 June 2022 as part of WIEvacity- WIE week celebrations.

### Event Objectives

- To develop creative writing skills.
- Provide an opportunity for the students to write and make ideas for their own stories.
- To increase social skills and memory skills.

### Brief Description

To celebrate the spirit of womanhood, the student community of IEEE Women in Engineering affinity group team of IEEE SB SJCET Palai in collaboration with IEEE SB RIET, IEEE SB CECTL, IEEE SB KMCT CEW decided to conduct RE RIGHT-a story rewriting competition as part of WIE week 2022. With the theme “A story with a female character who has faced gender disparity”. The WIE team was able to pass on a single motto, to make our girls independent in all terms. This IEEE WIE-initiated

program was conducted in online mode from 28 May 2022 to 2 June 2022 as part of WIEvacity- WIE week celebrations. There were about 22 participants from different colleges. The coordinators organized the event smoothly and were well cooperated by participants. There was a panel for judgment for the smooth running of the program. There was active participation from the competitors. The competition was a grand success and came to an end on 2nd June 2022.

### Demographic

No of participants: 22

IEEE members: 15

Non-IEEE members: 7

### Glimpses of the Event



## 5. Techie Pods #1 - Into the Metaverse

Venue: Offline

Date: 1st July 2022

### Introduction

IEEE CS SBC SJCET conducted the first session as part of the event series, Techie Pods on Metaverse on July 1st, 2022. It was conducted from 3:30 pm to 4:30 pm at SJCET. The session was handled by Gautham Krishna N, Tech Enthusiast, and Anandu Unnikrishnan, Program Committee member of IEEE SB SJCET.

### Event Objectives

- Breeding fresh ideas and taking inputs.
- Provide an opportunity for the students to develop their ideas.
- To increase social skills and memory skills.

### Brief Description

“En Garde” was an idea pitching competition conducted by the Women in Engineering Affinity Group of IEEE SB SJCET in connection with International Women in Engineering Day. For the successful conduction of any program, we need effective mind planning before the event. Finally, we decided to conduct an Idea pitching competition on “TACKLING WOMEN’S SAFETY WITH TECHNOLOGY” which helps everyone to bring up their ideas and to communicate them precisely that can transform technology. There was active participation from all. The competition was a grand success.



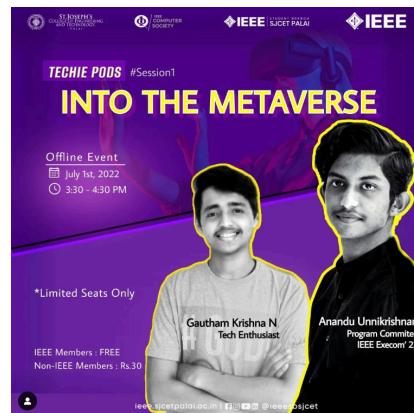
## Demographic

No of participants: 22

IEEE members: 15

Non-IEEE members: 7

## Glimpses of the Event



## 6. SLASH KEY

Venue: Offline

Date: 9 & 10 July 2022

### Introduction

IEEE CS SBC SJCET in collaboration with IEEE CS Kerala Section conducted a 30-hour-long hackathon. The event kickstarted on July 9th, 2022. It was conducted from 9th July to 10th July 2022. The event was handled by representatives from the Kerala Section with the volunteering efforts of members of IEEE SB SJCET. The primary objective of this event was to provide an opportunity for potential candidates to build solutions for real-world problems.

### Event Objectives

- Provide an opportunity to build solutions for real-world problems
- Provide a platform to collaborate and network
- Provide a work environment where teams can develop their own solutions

### Brief Description

IEEE CS SBC SJCET in collaboration with IEEE CS Kerala Section conducted a 30-hour-long hackathon. The event kickstarted on July 9th, 2022. It was conducted from 9th July to 10th July 2022. The event was handled by representatives from the Kerala Section with the volunteering efforts of members of IEEE SB SJCET. A total of nearly 54 participants took part in this hackathon in teams of a maximum capacity of four. The participants hailed from all over Kerala. In between the hackathon, there were two talk sessions which were handled by Mr. Shivam and Mr. Karthik K whose topics of discussion were 'The AI Lens' and 'Hackathon 101' respectively. Their words gave the participants much-needed enlightenment and refreshment during such a tense

competition. This hackathon competition focused on the basic problem-solving skills and coding skills of the participants to come up with a solution in a limited timeframe. Overall the session was a great hit and had a lot of positive reviews.

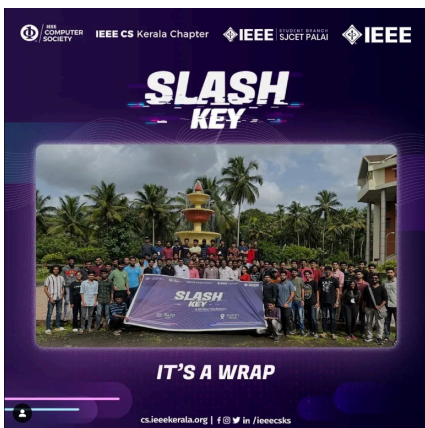
### Demographic

No of participants: 30

IEEE members: 28

Non-IEEE members: 2

### Glimpses of the Event



## 7. INTROTHON

Venue: Offline

Date: 22 July 2022

### Introduction

A program called "INTRO-THON" was organized by the IEEE SIGHT Group SJCET which educated students on the importance of engineering education. The primary goal of this event was to give participants a general overview of engineering academia and the many tech stacks involved.

### Event Objectives

- Awareness program regarding Engineering Education for school students.
- To let them know about what are the various tech stacks associated with the engineering field
- To bring out the possibilities of engineering education.

### Brief Description

A program called "INTRO-THON" educates students on the importance of engineering education. The primary goal of this event was to give participants a general overview of engineering academia and the many tech stacks involved. All school students were considered when planning this event, but children from remote areas who may not be as familiar with engineering education's possibilities received special consideration. The three-day event was conducted at St. Mary's GHSS, Palai, and was organized by IEEE

SIGHT SB SJCET. Several sessions were held over the course of the three days by different people to give the delegates all we had hoped to.

### Demographic

No of participants: 29

IEEE members: 0

Non-IEEE members: 29

### Glimpses of the Event



## 8. Integrated Circuit-From Concept to Product

Venue: Online

Date: 27 July 2022

### Introduction

IEEE Student Branch, St. Joseph's College of Engineering and Technology (IEEE SB SJCET) had decided to conduct a YP talk organized by IEEE IAS SBC SJCET in association with the Kerala Young Professionals. An interactive session was taken by Mr. Rony Alex Thomas [SOC Designer at Intel]. There was an active participation of 35 students from different colleges. The session was very helpful and effective.

### Event Objectives

- To help students understand the basic concept of ICs
- To give an idea about the manufacturing and production of ICs

### Brief Description

IEEE Student Branch, St. Joseph's College of Engineering and Technology (IEEE SB SJCET) had decided to conduct a YP talk organized by IEEE IAS SBC SJCET in association with the Kerala Young Professionals. An interactive session was taken by Mr. Rony Alex Thomas [SOC Designer at Intel]. There was an active participation of 35 students from different colleges. The session was very helpful and effective. IEEE Student Branch, St. Joseph's College of Engineering and Technology (IEEE SB

SJCET)had decided to conduct a YP talk organized by IEEE IAS SBC SJCET in association with the Kerala Young Professionals. An interactive session was taken by Mr. Rony Alex Thomas[SOC Designer at Intel].There was an active participation of 35 students from different colleges. The session was very helpful and effective.

### Demographic

No of participants: 35

IEEE members: 26

Non-IEEE members: 9

### Glimpses of the Event



## 9. Introductory Session Power & Energy Society

Venue: Online

Date: 13 August 2022

### Introduction

IEEE SB SJCET in association with Power and Energy Society conducted an Introductory session "Introductory Session Power and Energy Society". The session was taken by Mr. Albin Paul, Secretary, IEEE PES YP. It was on 13th August 2022 at 7 pm through Google meet.

### Event Objectives

- To provide students with a first-person view of how Society works and what are skills required to advance themselves professionally
- To understand, inspire, motivate, clarify and show our approach to the things around us.
- Share the experience of someone who is an expert in the Power and energy society with students aspiring to go up the same ladder

### Brief Description

Power and Energy Society of IEEE SB SJCET conducted an Introductory session, "Introductory Session Power and Energy Society" on the 13th August 2022. The session was taken by Mr. Albin Paul, Secretary, IEEE PES YP. The session was conducted from 07:00 pm-08:00 pm on Google meet. A total of 28 members attended





## 10.Master\_C.exe

Venue: Online

Date: 26-28 August 2022

### Introduction

IEEE CS SBC SJCET in collaboration with TinkerHub SJCET, conducted a peer-to-peer learning session on C Programming. The session was a three-day initiative starting from 26th August to 28th August 2022. The session was handled by the members of IEEE SB SJCET and TinkerHub SJCET.

### Event Objectives

- To provide students with a detailed understanding of the C Programming language
- To train the students with academic knowledge in C language.
- Prepare the attendees for the University Examinations

### Brief Description

IEEE CS SBC SJCET in collaboration with TinkerHub SJCET, conducted a peer to peer learning session on C Programming. The session was a three-day initiative starting from 26th August to 28th August 2022. The session was handled by the members of IEEE SB SJCET and TinkerHub SJCET. A staggering 235 students registered for the session and about 160 students attended each session of the Master\_C.exe. The session being a peer-to-peer learning initiative, focused primarily on second-semester engineering students to aid them in learning C programming with ease. Through this

session, the main goal was to give the students a better understanding of the C language and to still interest the students in programming. The session was handled by Athul Saji, Anna Thomas, and Jayashankar Shyam who were all well versed in C language. The session was a huge hit as positive reviews poured in from the participants.

### Demographic

No of participants: 235

IEEE members: 138

Non-IEEE members: 97

### Glimpses of the Event



## 11. Hands-on Session - Photoshop

Venue: Offline

Date: 17-20 October 2022

### Introduction

IEEE CS SBC SJCET organized a hands-on session on Photoshop to enhance the design potential of our participants. The session was facilitated by Mr. Aswin Jeev Johnny, a student from SJCET, and was organized between 17-20 October 2022 in an offline phase.

### Event Objectives

- To upskill the attendees in the design field by providing a hands-on session
- To train our participants and mold them as professional designers
- To enable our participants to learn an additional skill

### Brief Description

IEEE CS SBC SJCET organized a hands-on session on Photoshop to enhance the design potential of our participants. The session was facilitated by Mr. Aswin Jeev Johnny, a student from SJCET, and was organized between 17-20 October 2022 in an offline phase. The specific objective of this session was to upskill the attendees in the design field by providing a hands-on session. Through this session, we upskilled around 20 students and molded them as professionally talented designers. Following the session, one of the best participants among them was given an opportunity to design a poster for the Student Branch as well

### Demographic

No of participants: 18

IEEE members: 12

Non-IEEE members: 6

### Glimpses of the Event



## 12. IEEE XTREME 16.0

Venue: Online

Date: 22 October 2022

### Introduction

IEEE SB SJCET encouraged the young minds of the student branch to take part in the IEEE Xtreme 16.0 which was conducted by IEEE on 22nd October, 2022.

### Event Objectives

- To develop coding skills in students
- To create a competitive coding culture within the institute

### Brief Description

IEEE Xtreme 16.0 was the 16th edition of the international hackathon, conducted by IEEE on a global level. It is one of the most recognizable events in the world. IEEE SB SJCET encouraged students to take part in this global hackathon to give the students better exposure to necessary skills required to compete in such events. The event was a challenging one and made sure to bring the best out of the participants.

### Demographic

No of participants: 30

IEEE members: 30

Non-IEEE members:

## Glimpses of the Event



### **13. WERKSTATT**

Venue: Online

Date: 5 November 2022

#### **Introduction**

IEEE Student Branch, St. Joseph's College of Engineering and Technology(IEEE SB SJCET) conducted a hands-on offline workshop "WERKSTATT" on the topic "Introduction to Computer Hardware and Troubleshooting" organized by IEEE IAS SBC SJCET in collaboration with IEEE WIE AG SBC SJCET on 5th November,2022 from 2:30 pm - 4:30 pm. The workshop was taken by Mr. Aneesh Sankar, Lab Instructor. The workshop was arranged at the MCA Lab.

#### **Event Objectives**

- To help students gain information about their way of work.
- To let them know how things take place.

#### **Brief Description**

IEEE Student Branch, St. Joseph's College of Engineering and Technology(IEEE SB SJCET) conducted a hands-on offline workshop "WERKSTATT" on the topic "Introduction to Computer Hardware and Troubleshooting" organized by IEEE IAS SBC SJCET in collaboration with IEEE WIE AG SBC SJCET on 5th November,2022 from 2:30 pm - 4:30 pm. The workshop was taken by Mr. Aneesh Sankar, Lab Instructor. The workshop was arranged at the MCA Lab. A registration form was released on November 2nd,2022 and it was open till November 4th,2022. Entries were collected through google form. A WhatsApp group was created to communicate with the registrants. There were 32 participants. The workshop was on "Introduction to Computer Hardware and Troubleshooting." The coordinators organized the event smoothly and were well cooperated by the participants.



## Demographic

No of participants: 32

IEEE members: 26

Non-IEEE members: 6

## Glimpses of the Event



ST. JOSEPH'S COLLEGE OF ENGINEERING AND TECHNOLOGY  
IEEE STUDENT BRANCH SJCET PALAI

# WERKSTATT

Introduction to Computer Hardware & Troubleshooting

**Speaker**  
**Aneesh Sankar**  
Lab Instructor, Coordinator,  
Systems & Networks,  
Department of MCA, SJCET, Palai

5th November 2022  
02:30 PM

[min.ic/werkstatt](https://min.ic/werkstatt)

MCA Lab

ieee.sjcetpalai.ac.in | @ieeesbjcet



## 14. Techie Pods #2 - Career in App Development with Flutter

Venue: Offline

Date: 28 November 2022

### Introduction

IEEE CS SBC SJCET conducted a peer-to-peer learning session on Career in App Development using Flutter. The session was conducted on 28th November 2022 at SJCET Palai in offline mode. It was taken by Mr. Jose K James, Vice-Chair IEEE CS SBC SJCET.

### Event Objectives

- To provide insight for the students regarding careers in Flutter.
- To let them know the workflow of Flutter Framework.

### Brief Description

IEEE CS SBC SJCET as a part of their peer to peer learning campaign called the Techie Pods conducted its second edition on Career in App Development using Flutter. The session was held on 28th November, 2022 in an offline mode and was taken by Mr. Jose K James, Vice-Chair IEEE CS SBC SJCET.

The session was attended by 44 students from which 35 were IEEE members. The key takeaways from the session were about the scope of Flutter as a career option. The speaker made sure to stir motivation and passion towards App Development using Flutter in a simple and effective way. The session was a success and there were many positive feedbacks from the participants about the session.

## Demographic

No of participants: 44

IEEE members: 35

Non-IEEE members: 9

## Glimpses of the Event



ST. PETER'S COLLEGE OF ENGINEERING AND TECHNOLOGY

IEEE COMPUTER SOCIETY

IEEE STUDENT BRANCH SJCET PALAI

IEEE

**TECHIE PODS** #Session2

**CAREER IN APP DEVELOPMENT WITH FLUTTER**

[min.lc/techiepods2](https://min.lc/techiepods2)

**DATE**  
28 November

**TIME**  
4:30 - 5:30 PM

St. Peter's Block  
Room no : 305

**Jose K James**  
Flutter Developer

ieee.sjcetpalai.ac.in | @ieeesbsjct

## 15. Kochi Hub Meet '22

Venue: Offline

Date: 10th & 11th December 2022

### Introduction

The IEEE Kochi Hub in association with the IEEE SB SJCET organized its annual flagship event, Kochi Hub Meet (KHM) '22 on the 10th and 11th of December 2022 at St. Joseph's College of Engineering and Technology, Palai. KHM '22 was a two-day program that offered a plethora of opportunities where student members and professionals from all across the Subsection joined together to explore, learn and grow. Organized with the association of IEEE SB SJCET, KHM '22 was framed in such a way as to provide the perfect space for the attendees to upskill their potential in technical, and managerial fields. Around 70 participants from all over the IEEE Kochi Subsection took part in this program.

### Event Objectives

- Mold our attendees into industry-ready professionals.
- Make them ready for the upcoming revolutions in technical and non-technical domains.

### Brief Description

The program was kickstarted on 10th December 2022 with an inaugural ceremony. The ceremony was blessed with the presence of prominent personalities like Mr. Anbumunee O, Chief Architect at IBM Software Lab, Dr. M V Rajesh, Chair of IEEE Kochi Hub, and Dr. Elizabeth Rita Samuel, VSAC of IEEE Kochi Hub. Following the inauguration, an ice-breaking session was organized for the attendees to engage them in a fun-filled environment. After that, an MD Session was organized by Mr. Thomaskutty K Gimmy, Design Lead at IEEE SPS Kerala Chapter. Through this session, Mr. Thomaskutty introduced the participants to the possibilities of IEEE and IEEE Signal

Processing Society. In his note followed, he gave a details insight into the various benefits that the society offers to its members as well.

Following the MD session, an interactive chit-chat session, Chat over Chair, was organized with the RJ VJ Gokul Raj. Mr. Gokul Raj was the Snr Content Specialist at Eat Kochi Eat, RJ, VJ & Digital Content Creator. Apart from all these, he was also an active Instagram influencer as well. Through this interactive session, Mr. Gokul gave a glance to our participants regarding the tips and tricks of digital content creation. This session particularly helped our participants to entertain themselves and to fall in with the aura of KHM. After this session, a workshop track was organized for our participants on Team Building. This session was facilitated by Mr. Salih Yoosaf, Virtual Events and Partnership Associate at ENTRI App, and Mr. Jen K Jennings, Junior Engineer at Vinton Engineering. Through their industry experience, Mr. Jen and Mr. Salih upskilled the attendees on how to build team spirit and made them aware of its perks. To make the session more interactive, they even implemented hands-on activities as part of this session. All these engage our attendees, offering them a versatile learning experience. After the workshop session, cultural programs were organized as part of the KHM '22. In this, students from various institutes across the Kochi Hub showcased their talents in different fields. Finally, with a live band performance, the programs for Day 1 were wrapped up.

Day 2 of the KHM '22 began with an interactive session on the topic of Invested Interest: Do's and Don'ts of Entrepreneurship. The session was facilitated by Mr. Nithesh Kurian, Associate Professor and IEDC Nodal Officer at Rajagiri School of Engineering and Technology. This session was framed with a vision to bring up talented young minds within the region and to provide them with the necessary support to bring out their ideas into successful enterprises. Utilizing his expertise, we were able to create a group of talented people who can foster innovative ideas that can potentially shape the future of our society. Following that, two parallel training sessions were organized for our attendees. These sessions were on Intro to Web Development, and on LinkedIn, Career, Freelancing, and Gyaan. These sessions were handled by Mr. Neeraj Ipe, Vice Chair of IEEE Kerala Young Professionals, and Mr. Vishnu S, Senior Strategist at upGrad Campus. These professionals have remarkable experience in the industry as technical experts and mentors. Their professional expertise benefitted us in providing an interactive hands-on session to upskill our attendees into technically sound candidates for the industry. After that, a talk session was organized by Ms.

Sreepriya R, Founder of Pehia Foundations on her journey as a student in STEM. This session was partly oriented around women's empowerment and through this session, Mr. Sreepriya gave an insight into her personal experience in the STEM industry.

Finally, with a closing ceremony on 11th December 2022 at 3:30 PM IST the event was wrapped up at St. Joseph's College of Engineering and Technology, Palai. So overall, all these programs were a grant success and offered attendees opportunities to improve their potential in technical and professional domains. It gave them industrial exposure and professional mentorship in building technical and managerial skills.

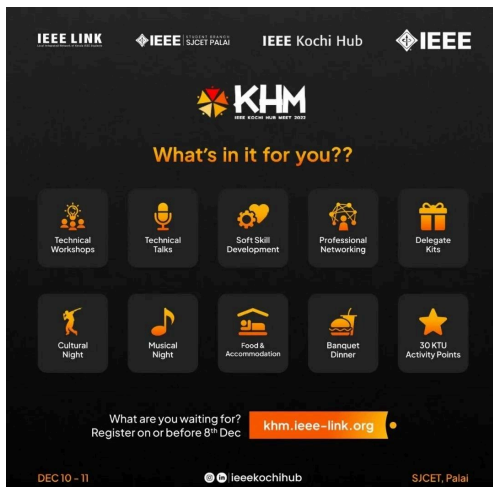
### Demographic

No of Participants: 68

IEEE members: 42

Non-IEEE members: 26

### Glimpses of the Event



## 16. 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.

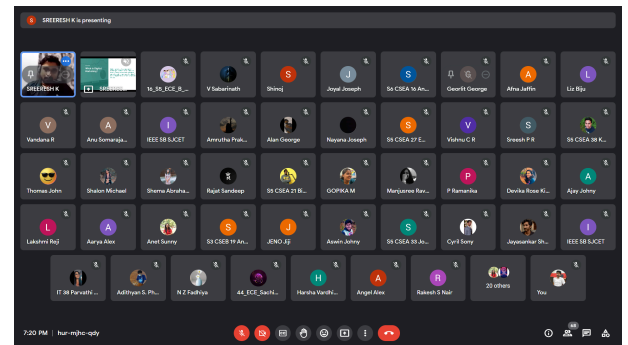
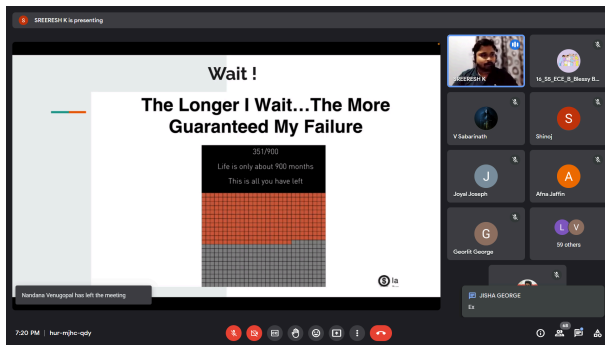
### Demographic

No of Participants: 68

IEEE members: 31

Non-IEEE members: 37

### Glimpses of the Event





## 17. 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.

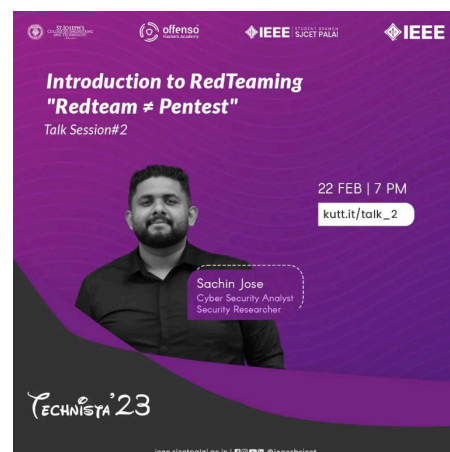
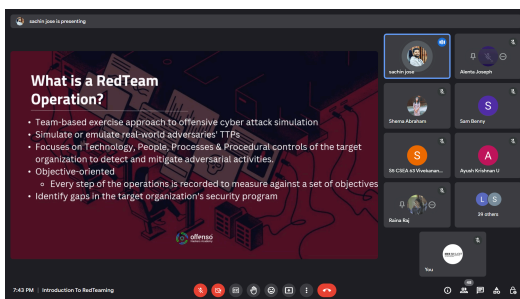
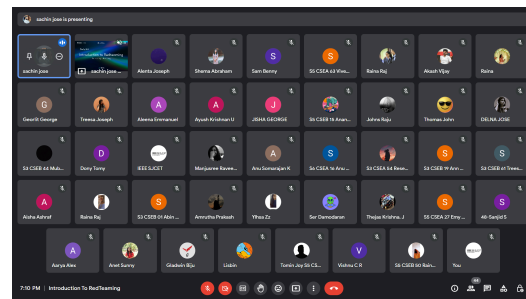
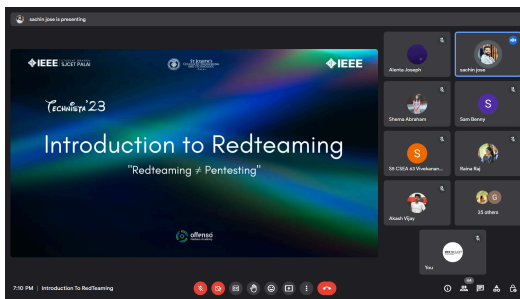
### Demographic

No of Participants: 31

IEEE members: 7

Non-IEEE members: 24

### Glimpses of the Event



## **18. 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



## 19. Technista #4: Refute

Venue: Online

Date: 1st 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 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 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 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



## 20. Technista #5: Python Bootcamp

Venue: Hybrid

Date: 1st March 2023 - 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, 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 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 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





## **21. 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.

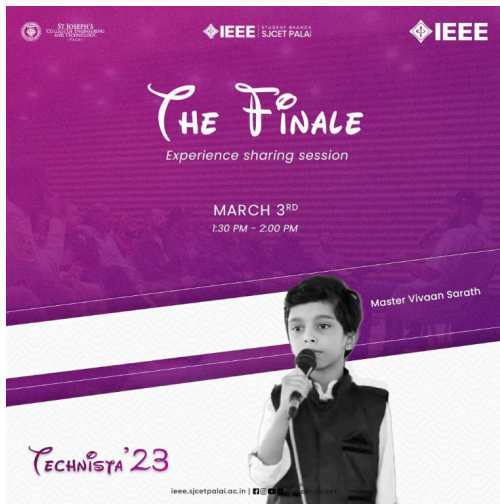
### Demographic

No of Participants: 29

IEEE members: 14

Non-IEEE members: 15

### Glimpses of the Event



## 22. 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.

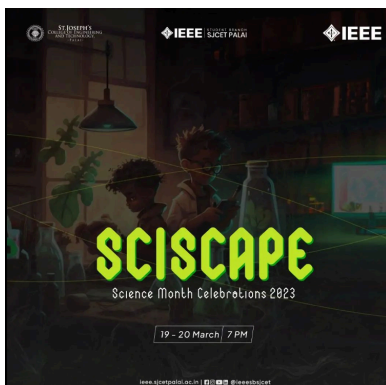
### Demographic

No of Participants: 29

IEEE members: 18

Non-IEEE members: 11

### Glimpses of the Event



## **23. 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.

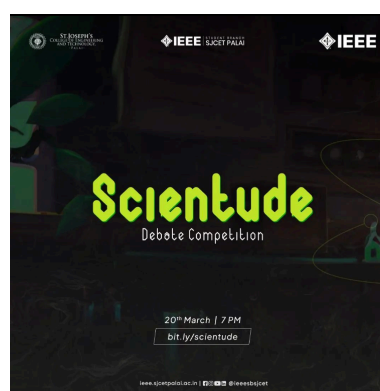
### Demographic

No of Participants: 12

IEEE members: 7

Non-IEEE members: 5

### Glimpses of the Event



## IEEE Day Event Reports

### 1. CROSSTECH

Venue: Online

Date: 2nd October 2022

#### Introduction

IEEE CS SBC SJCET 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





## 2. PICASA

Venue: Online

Date: 3rd - 7th October 2022

### Introduction

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 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



### **3. PENMANIACS**

Venue: Online

Date: 9th October 2022

#### **Introduction**

IEEE IAS SBC SJCET 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 SJCET 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.

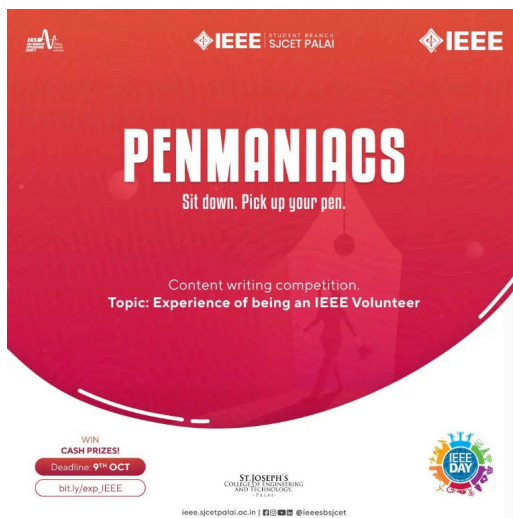
### Demographic

No of participants: 4

IEEE members: 4

Non-IEEE members: 0

### Glimpses of the Event



## 4. 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



The poster is for the 'DREAM 2 DESIGN' competition. It features a red background with a white robot head silhouette. The text 'DREAM 2 DESIGN' is prominently displayed in white, with '2' being a large, stylized number. Below it, the tagline 'Envisage the perfect robot.' is written. Further down, it says 'Showcase your ideas on a bot/automated product that makes life easy!!'. At the bottom left, it lists the prizes: '1ST PRIZE: ₹300' and '2ND PRIZE: ₹200', and the deadline: 'Deadline: 9 OCT 12 PM' with a link 'min.lc/dre2des'. At the bottom right, it includes the IEEE logo, the 'IEEE DAY' logo, and the St. Joseph's College Engineering and Technology logo. Social media handles for IEEE SJCET Palai are also provided.

IEEE Student Branch SJCET PALAI

# DREAM 2 DESIGN

Envisage the perfect robot.

Showcase your ideas on a bot/automated product that makes life easy!!

1ST PRIZE: ₹300  
2ND PRIZE: ₹200  
Deadline: 9 OCT 12 PM  
[min.lc/dre2des](https://min.lc/dre2des)

ST. JOSEPH'S COLLEGE ENGINEERING AND TECHNOLOGY PALAI

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