



EPORT

PES NEXUS

THE PATH OF SUSTAINABLE ENERGY
A REGIONAL LEVEL ONLINE SYMPOSIUM

Name of organizing unit:	IEEE Student Branch of Engineering College
Co organizing unit:	Power and Energy Society
Name of the event:	PES EVENT
Venue and date of the event:	Google meet-09.09.2024
Whether funds received from IEEE exclusively for the event:	Nil
Target audience:	Undergraduate and postgraduate students
No of participants:	70+

Brief Description:

IEEE Student Branch of Jeppiaar Engineering College was successfully conducted the “**PES NEXUS**”, a regional-level online symposium, focused on the theme “**The Path to Sustainable Energy**”. “**Ideathon**” was organized by the “**Power and Energy Society (PES)**”, held on 9th September 2024 via Google Meet from 6:30 PM to 8:00 PM.

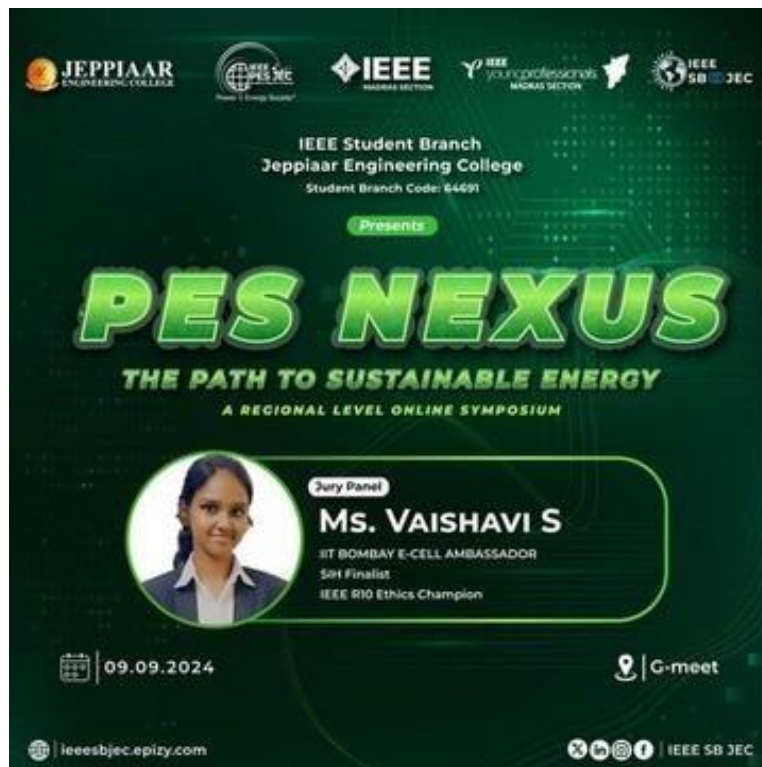
The session was commenced with a warm welcome speech delivered by Ms. Keerthana, Treasurer of the Power and Energy Society IEEE SB JEC. The Jury Panel for the idea pitching was led by “**Ms. Vaishavi S**”, an accomplished professional with notable credentials, including being an IIT Bombay E-Cell Ambassador, a Smart India Hackathon (SIH) Finalist, and an IEEE R10 Ethics Champion. She assumed the role of evaluating the participants' presentations and provided expert guidance throughout the session.

Participants began their presentations, each focusing on various aspects of Sustainable Energy, showcasing innovative ideas and solutions aimed at addressing the sustainable energy crisis. Ms. Vaishavi was actively engaged with the presenters, asking insightful questions to assess their understanding. She also provided detail feedback for each participants and suggested to improve their ideas and further to their research.

Following the presentations, the jury was felicitated by the Chair of the Power and Energy Society in recognition of her valuable contribution to the event. The event concluded with a heartfelt vote of thanks delivered by Ms. Keerthana, expressing gratitude to the jury, participants, and organizers for their efforts and contributions the symposium concluded as a grand success.

“The future is green energy, sustainability, renewable energy.”

Poster of the event:



Event Participants:



Report by:

Karthika. S

Join secretary power and energy society.

IEEE SB JEC



REPORT

PES NEXUS

THE PATH OF SUSTAINABLE ENERGY

A REGIONAL LEVEL ONLINE SYMPOSIUM

Name of organising	IEEE Student Branch of Jeppiaar Engineering college(STB64691)
Co-organizing unit	IEEE Power and Energy Society
Name of the event:	The path of sustainable energy
Venue & Date of the event:	Google meet (online)
Whether funds received from IEEE:	Nil
Exclusively for the event	Students
No of participants	40

Brief Description:

IEEE Student Branch of Jeppiaar Engineering College successfully organized and conducted the “**PESNEXUS**,” a regional-level online symposium centered around the theme “**The Path to Sustainable Energy**.” This event, spearheaded by the **Power and Energy Society (PES)**, featured a “**TECHNICAL QUIZ**” and took place on the 9th of September, 2024, through Google Meet, from **6:30 p.m. to 7:30 p.m.** The interactive session was hosted on **quiz.com**, engaging the participants in a dynamic and competitive environment.

A total of **40 participants** actively took part in this symposium, showcasing their knowledge and insights on sustainable energy practices. The event fostered meaningful discussions and idea-sharing on the future of clean energy, with a strong emphasis on innovative solutions and sustainability in the energy sector. The symposium concluded successfully, leaving participants with a deeper understanding of the pressing need for sustainable energy initiatives and inspiring further involvement in the energy transition.

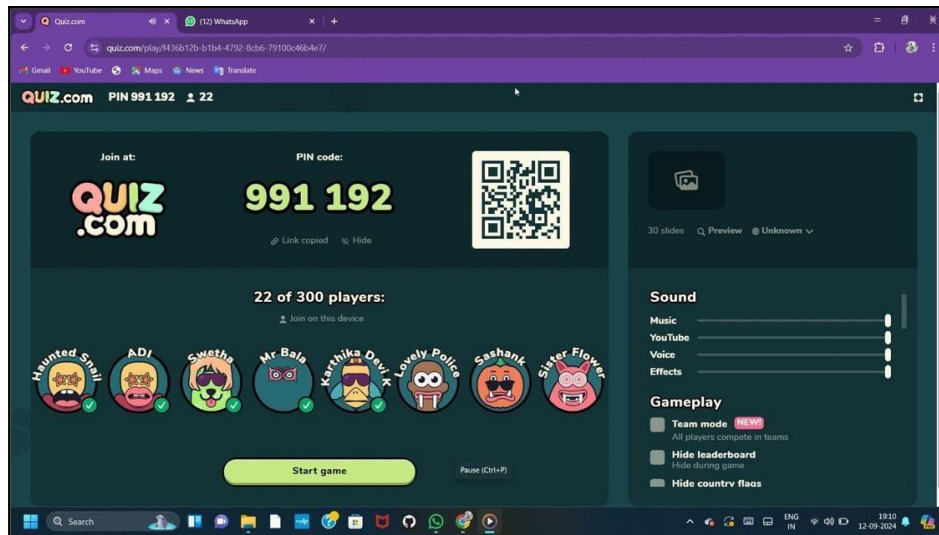
"A technical quiz is not just a test of knowledge but a challenge of thinking on your feet."

Event poster:



Event participates





Reportby,
Kalaiyarasi CM,
Member in PES,
IEEE SB JEC.



IEEE REPORT ON IEEE DAY CELEBRATION

IEEE DAY TECH BYTES

Name of Organizing:	IEEE Student Branch of Jeppiaar Engineering college (STB64691)
Name of the event:	Tech bytes
Venue & Date of the event:	Elite seminar hall 08/10/24
Whether funds received from IEEE:	Nil
Exclusively for the event:	Students
No of Participants:	20

BriefDescription:

- In celebration of IEEE Day, the IEEE Student Branch of Jeppiaar Engineering College hosted an event called "Tech Bytes" for students. The purpose of this event was to foster student involvement and enhance their technical knowledge in a dynamic and interactive way. Dr. J. Jebastine (M.E, Ph.d, Vice Principal, Professor & Head-ECE, Jeppiaar Engineering College) served as the jury, overseeing the competition and evaluating the participants' performances.

During the event, students were given a technical topic on the spot and were required to speak about it for three minutes. This activity tested their ability to think quickly, articulate ideas clearly, and demonstrate their understanding of complex technical concepts within a short time frame. The event attracted a great deal of interest, with students showcasing their creativity and knowledge.

As the event progressed, the jury, led by Dr. Jebastine, closely evaluated the participants based on the content, clarity, and delivery of their presentations. After several rounds of insightful talks, the winners were selected and recognized for their outstanding performance. The event not only created a platform for learning but also encouraged students to step out of their comfort zones and think critically under pressure.

"Any sufficiently advanced technology is indistinguishable from magic."

Poster of the event:



The poster is for the IEEE Day Celebration 2024, organized by the IEEE Student Branch at Jeppiaar Engineering College. It features a light blue background with a subtle pattern of circuit lines and icons. At the top, the logos of Jeppiaar Engineering College and IEEE SB JEC are displayed. Below them, the text reads: "IEEE Student Branch, Jeppiaar Engineering College, Student Branch Code: 64691". The main title, "IEEE DAY CELEBRATION 2024", is prominently displayed in the center. Below the title is a large, stylized "IEEE DAY" logo with a central gear-like emblem containing the text "IEEE DAY" and "15th Anniversary". To the right of the logo, it says "by IEEE SB JEC". The poster lists various activities in blue rounded rectangles: Classical Dance, Artistic Aura, Tech Bytes, Technical Quiz, Poster Crafts, Web Weaver, Leadership & Opportunities, and Webinar. On the right side, the date and time are given as "08th October, 2024, 8.00am to 3.00pm", and the location is "Jeppiaar Educity, Elite Seminar Hall". At the bottom, there is a row of logos for various IEEE societies: IEEE ComSoc, IEEE COMPUTER SOCIETY, IEEE Photonics Society, IEEE Signal Processing Society, IEEE PES, IEEE Me, IEEE EMBS, and IEEE SIGHT.

JEPPIAAR ENGINEERING COLLEGE **IEEE SB JEC**

IEEE Student Branch
Jeppiaar Engineering College
Student Branch Code: 64691

We Cordially invites you all for the
IEEE DAY CELEBRATION 2024

IEEE DAY
15th Anniversary
by **IEEE SB JEC**

Classical Dance
Artistic Aura
Tech Bytes
Technical Quiz
Poster Crafts
Web Weaver
Leadership & Opportunities
Webinar

08th October, 2024
8.00am to 3.00pm
Jeppiaar Educity
Elite Seminar Hall

IEEE ComSoc **IEEE COMPUTER SOCIETY** **IEEE Photonics Society** **IEEE Signal Processing Society** **IEEE PES** **IEEE Me** **IEEE EMBS** **IEEE SIGHT**

Event Participants:



Report by:

Karthika. S
Joint Secretary
IEEE PES SB JEC



IEEE REPORT ON IEEE DAY CELEBRATION

IEEE DAY CLASSICAL DANCE

Name of organising:	IEEE Student Branch of Jeppiaar Engineering college (STB64691)
Event Name:	Classical Dance
venue & Date of the event:	Elite seminar hall 08/10/24
Whether funds received from IEEE:	Nil
Exclusively for the event :	Students
No of participants:	10

BriefDescription:

In celebration of IEEE Day, the IEEE **Student Branch of Jeppiaar Engineering College** hosted an exciting " **Classical Dance** " competition for students, aimed at engaging participants and enriching their appreciation for India's cultural heritage. The event, judged by **Dr.J.Jebastine**(M.E,Ph.d,Vice Principal, Professor&Head-ECE,Jeppiaar Engineering College) offered a unique challenge where students were assigned a specific classical dance form on the spot, testing both their versatility and quick adaptability.

Participants had to perform a three-minute routine, showcasing their understanding of the assigned dance style, including intricate gestures, expressions, and rhythmic movements that are integral to classical dance forms. The event was vibrant and filled with remarkable performances, as students demonstrated their creativity, skill, and passion for the art.

The jury, led by Dr. Jebastine, assessed the performances based on various criteria such as technique, expression, creativity, and stage presence. After witnessing an array of impressive talent, the best performers were selected and awarded, acknowledging their exceptional ability to deliver under the spontaneous conditions.

Overall, the event not only highlighted the cultural richness of classical dance but also provided an engaging platform for students to display their artistic talents, making it a memorable and enriching part of the IEEE Day celebrations.

Poster of the event:



Event Participants:



1

Report by:

Karthika. S
Joint Secretary
IEEE PES SB JEC



IEEE REPORT ON IEEE DAY CELEBRATION

IEEE DAY TechXPlore with IEEE

Name of organising:	IEEE Student Branch Of Jeppiaar Engineering college (STB64691)
Name of the event:	Techxplore with IEEE
Venue & Date of the event:	Elite seminar hall 08/10/24
Whether funds received from IEEE:	Nil
Exclusively for the event :	Students
No of participants:	80

BriefDescription:

In celebration of **IEEE Day**, the **IEEE tudent Branch of Jeppiaar Engineering College** organized an engaging and insightful seminar titled "**TechXPlore with IEEE: Your ey to Opportunity.**" The event aimed to enlighten students on the wide array of opportunities available through IEEE. The keynote speaker, **Ms. Jeevitha Ramachandran**(Chairperson of IEEE SB JEC) delivered a dynamic presentation that underscored how IEEE can serve as a powerful platform for personal and professional growth.

Throughout the seminar, Ms. Ramachandran provided an in-depth exploration of the various benefits and resources that IEEE offers, including access to technical communities, conferences, mentorship programs, and career advancement tools. The interactive nature of the session encouraged students to ask questions, share their thoughts, and discuss their interests related to IEEE's initiatives.

Ms.Jeevitha Ramachandran also emphasized the significance of active involvement in IEEE activities and highlighted how students can leverage these opportunities to enhance their academic journey and prepare for future careers.

The seminar concluded with a thoughtful recap of key takeaways, where Ms. Ramachandran outlined practical steps students can take to get involved in IEEE's vast global network. The seminar concluded with a thoughtful recap of key takeaways, where Ms. Ramachandran outlined practical steps students can take to get involved in IEEE's vast global network .

***"TechXplore: Empowering
the innovators of tomorrow."***

Poster of the event:

JEPPIAAR
ENGINEERING COLLEGE

IEEE Student Branch
Jeppiaar Engineering College
Student Branch Code: 64691
Proudly Organizes

IEEE DAY CELEBRATION 2024

Seminar On

TechXplore with IEEE
Your Key to Opportunity
Leadership & opportunity

Ms. Jeevitha Ramachandran
Chairperson of IEEE SB JEC
Content Writer, Ambassador of WIE

08th October, 2024
11am to 12 pm

Jeppiaar Educity
Elite Seminar Hall

IEEE ComSoc
IEEE COMPUTER SOCIETY
IEEE Photonics Society
IEEE Signal Processing Society
IEEE PES
IEEE EMBS
IEEE SIGHT

Event Participants:



Report by:

Karthika. S
Joint Secretary
IEEE PES SB JEC



IEEE REPORT ON “ARTISTIC AURA COMPETITION”

Name of the Organizing Event:	IEEE Student Branch Jeppiaar Engineering College (STB64691)
Event Name:	Artistic Aura Competition
Platform & Date of the Event:	Offline Mode 8th October 2024
Whether funds received from IEEE Exclusively for the Event:	Nil
Target Audiences:	Undergraduate students
No of Participants:	9

Brief Description:

IEEE Student Branch Jeppiaar Engineering College , On the Celebration of IEEE Day We have Organized a drawing competition titled “Artistic Aura”. The event was held in the Department of Electronics and Communication Engineering at 11:00 AM to 12:00 AM on 8th October 2024.

The competition was aimed to burst out their creativity among students, encouraging them to express themselves artistically. Participants were provided with art supplies and given one hours to create their masterpiece on a theme revealed at the start of the event “Innovation and Sustainability in Engineering”.

Event Overview:

The event was judged by Mr. Sakthiezhil a renowned artist and visual arts. judge evaluated the artworks based on creativity, relevance to the theme, and overall presentation.

Key points covered during the event:

- Theme Announcement:

The participants were given the theme “Innovation and Sustainability in Engineering” to explore the intersection of art and technology.

- Mentoring Session:

Before the competition began, the judges conducted a brief session on the importance of creativity in engineering and how it drives innovation.

- Display and Judging:

After the competition, all artworks were displayed in the college atrium for the audience to appreciate. The judges then evaluated the submissions and selected the top three winners.

- Awards Ceremony:

E- certificates of participation given to all. The first-place winner received a Winner Certificate and a mentoring session with Mr.Sakthiezhil.

Results and Feedback:

The event was a resounding success, with all participants showcasing their creativity and unique perspectives on the theme. The judge praised the students for their innovative ideas and artistic skills. Feedback from participants highlighted their enjoyment and the opportunity to challenge themselves creatively.

Winners:

1. First Place: –S.Muhidhadevi- ECE-2nd year
2. Second Place: Jebisha Sherlin – ECE-3rd year
3. Third Place: – Sidhra -IT -2nd year

Audience Feedback:

Many participants expressed appreciation for the opportunity to blend art with engineering concepts, saying it broadened their understanding of how creativity plays a vital role in problem-solving.

**Conclusion:**

Artistic Aura proved to be a platform where students could showcase their artistic talents while reflecting on important themes of engineering and sustainability. It demonstrated how creativity fuels innovation in all fields, including technical disciplines like engineering.

Report By

Janavi G

Treasurer of WIE Society IEEE SB JEC

IEEE REPORT ON IEEE DAY CELEBRATION

IEEE DAY

VISUAL VORTEX CHALLENGE

Name of the organizing:	IEEE Student Branch Jeppiaar Engineering College
Name of the event:	IEEE Student Branch of Jeppiaar Engineering College(STB64691)
Venue & Date received from IEEE:	Visual Vortex Challenge
Whether funds received from IEEE:	Virtual
Exclusively for the event:	Nil
No of participants:	10

Brief Description:

In celebration of

IEEE Day, the **IEEE Student Branch of Jeppiaar Engineering College** hosted an exciting "Visual Vortex Challenge" competition for students, aimed at engaging participants and enhancing their creative and technical skills in the art of video production. The event, judged by Balasai (Visual editor behindwood) presented a unique challenge where students were assigned a specific theme , testing both their creativity and adaptability in video editing.

Participants were given theme for showcasing their understanding of the assigned theme or footage. They had to demonstrate their skills in editing techniques, transitions, sound synchronization, and visual storytelling, all of which are integral to producing an engaging video. The event was vibrant and filled with impressive projects, as students exhibited their creativity, technical prowess, and passion for the art of video editing.

The jury, led by **Balasai(Visual editor behindwood)** , evaluated the video submissions based on various criteria such as editing technique, creativity, storytelling, and overall presentation. After reviewing a range of impressive works, the best editors were selected and awarded, recognizing their exceptional ability to produce high-quality content under spontaneous conditions.

Overall, the event not only showcased the technical and creative potential of video editing but also provided an engaging platform for students to demonstrate their skills, making it an unforgettable and rewarding highlight of the IEEE Day celebrations.

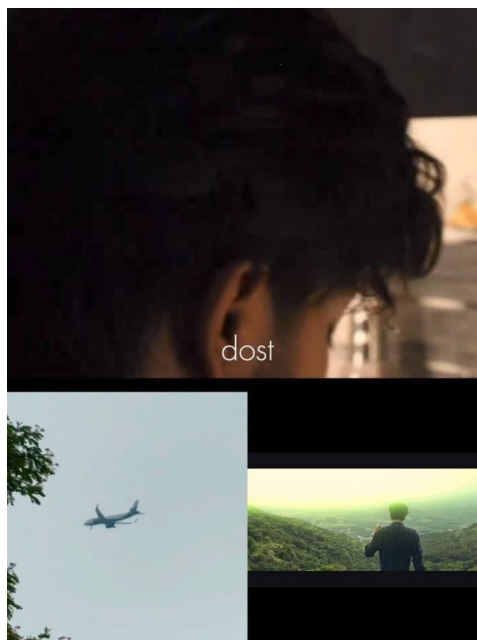
WINNER

RAVIRAJ DATTATRAY DISALE

Poster of the event:



Event Participants:



Report by:

sreenidhi

Secretary of IEEE EMBS



IEEE REPORT ON WEBINAR

IEEE DAY

Name of organizing unit:	IEEE Student Branch Jeppiaar Engineering College (STB64691)
Co - Organizing unit:	IEEE Sight Committee & IEEE Young Professionals
Event Name:	Key Skills for Career Success
Platform & Date of the event:	Google Meet 09/10/2024
Whether funds received from IEEE exclusively for this event:	Nil
Target Audience:	Undergraduate and Postgraduate students of Jeppiaar Engineering College
No.of.participant:	80+

Brief description:

The **IEEE Student Branch of Jeppiaar Engineering College** celebrated **IEEE Day** on 8th October 2024 with great enthusiasm. As part of the celebration, the IEEE SB JEC, in collaboration with the IEEE SIGHT Committee, organized an insightful webinar on Google Meet from 7 PM to 8 PM titled "Key Skills for Career Success".

The session commenced with Ms. Jebisha, a student volunteer, extending a warm welcome to both the speaker and participants. Following this, the spotlight shifted to the keynote speaker, Ms. Kavitha, a Tech Entrepreneur, Founder of Peritia, and Area Director at Toastmasters International. She delivered an engaging and comprehensive talk that captivated the audience from the very beginning. In her presentation, Ms. Kavitha emphasized the importance of skill-building in today's competitive world, where professional success is shaped not just by technical expertise but also by soft skills such as communication, adaptability, and leadership.

She outlined five key strategies that are essential for thriving in any career path: developing a growth mindset, networking effectively, honing problem-solving abilities, staying updated with industry trends, and continuous learning. Each strategy was explained in detail, with real-life examples and practical insights drawn from her own entrepreneurial journey. Ms. Kavitha's session was highly informative, offering a balanced blend of theory and actionable steps that attendees could immediately apply to their own professional growth.

The interactive Q&A session at the end further enriched the experience, as Ms. Kavitha patiently addressed various questions posed by the participants, offering personalized advice and clarity on key points.

The event concluded on a high note, with Ms. Jebisha delivering a heartfelt vote of thanks to the speaker and attendees, marking the session's grand success.

"Success is the result of preparation , hard work, and learning from failure"





Report by;

Vinothani

Vice chair of SIGHT Committee



IEEE REPORT ON POSTER COMPETITION

IEEE DAY

Name of organizing unit:	IEEE Student Branch Jeppiaar Engineering College
Co - Organizing unit:	IEEE young professionals
Event Name:	Poster Crafts
Platform and Date of the event:	ECE department 08/10/2024
Whether funds received from IEEE exclusively for this event:	Nil
Target Audience:	Undergraduate and Postgraduate students of Jeppiaar Engineering College
No.of.participant,;	10+

Brief description:

The IEEE Student Branch of Jeppiaar Engineering College celebrated IEEE Day on 8th October 2024 with great enthusiasm. As part of the celebration, a poster competition titled "Poster Crafts" was organized. The event, led by Suriya T.K. and Chadharatha, ran from 11 AM to 12:30 PM, totaling 1.5 hours. Sanjay Kumaran and Agnias served as the jury members for the competition, and the event was graced by the presence of Sithick Babu, Ambassador of the IEEE Day event.

Seven participants competed, showcasing their creativity across various themes. Arockia Viyanni W from the IT Department (2nd year) was declared the winner for her poster on the theme "AI in 2040." The runner-up position was awarded to Nishanth, a 2nd-year ECE student, for his work on the theme "AI in 2020," while Sanya Joshi S from BTech IT secured the 2nd runner-up spot with the theme "AI in 2040."

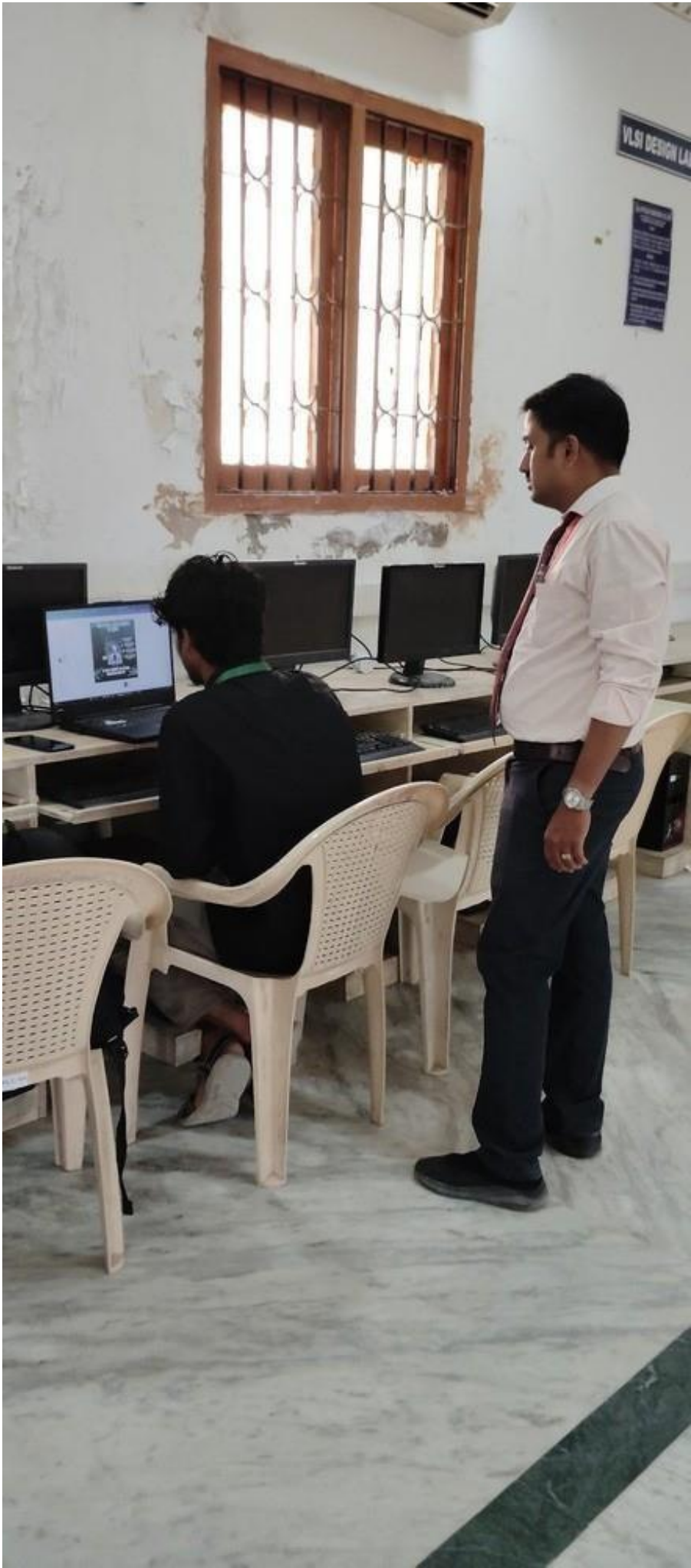
Participants were given six themes to choose from: AI in 2040, Future India, Entrepreneur Growth, Gaming in Real Life, 5G Networks, and Revaluation on AR and VR. On the spot, two specific topics were provided: AI in 2040 and Revaluation on AR and VR. The event saw enthusiastic participation and was a great platform for students to express their vision and creativity.

IEEE Day, celebrated globally, marks the anniversary of the first time IEEE members gathered to share their technical ideas. It highlights how technology can be leveraged to solve real-world problems, bringing together innovation and collaboration across the globe.

"Poster making blends creativity and clarity, turning ideas into visuals that capture attention and convey messages effectively."







Report by:

Vinothani

Vice chair of SIGHT Committee

IEEE REPORT ON WEB WEAVER

IEEE DAY

Name of organizing unit:	IEEE Student Branch Jeppiaar Engineering College
Co - Organizing unit:	IEEE young professionals
Event Name:	Web weaver
Platform and Date of the event:	Jeppiaar elite seminar hall 1 08/10/2024
Whether funds received from IEEE exclusively for this event:	Nil
Target Audience:	Undergraduate and Postgraduate students of Jeppiaar Engineering College
No.of.participant:	80+

Brief description:

The **IEEE Student Branch of Jeppiaar Engineering College** celebrated **IEEE Day** on **8th October 2024** with great enthusiasm and excitement. The highlight of the celebration was the **"Web Weaver"** connections game, which served as an interactive and engaging activity for participants. Organized by Sharmeela AS, Sreenidhi, and Keerthi, the event aimed to foster teamwork and problem-solving skills among students, demonstrating how collaboration in engineering can lead to innovation.

The competition, held from 11 AM to 12:30 PM, attracted 12 teams eager to showcase their analytical thinking. Ms. Jeevitha, chairperson of IEEE SB JEC served as the jury member, evaluated the teams' performances throughout the event. The competition was divided into two rounds. In Round 1, all 12 teams competed, with

their abilities tested through a variety of engineering-based connections and clues. Only 4 teams were selected to advance to Round 2, where the competition intensified, pushing the participants to think creatively and collaboratively.

In the final round, two teams stood out for their exceptional performance: Rithika & Team and Yasmeen & Team. Their teamwork, quick thinking, and innovative approach to the theme "Engineering Based" earned them the top positions, impressing the jury with their ability to solve complex problems under time pressure.

The "Web Weaver" event was a prime example of how IEEE Day celebrates the spirit of collaboration and technological innovation, which are core values of IEEE globally. Through this event, students not only had fun but also experienced how real-world engineering challenges can be addressed through teamwork, critical thinking, and a shared commitment to technological advancement.

"Innovation is born where collaboration meets problem-solving"



Report by:

Vinothani

Vice of SIGHT Committee

LIGHTS IN OUR LIVES

<i>Name of organizing unit :</i>	IEEE Student Branch Jeppiaar Engineering College (STB64691)
<i>Co-organizing unit :</i>	IEEE PHOTONICS SOCIETY
<i>Event Name :</i>	Lights in our lives
<i>Venue & Date of the event :</i>	Google Meet (Online) 16/05/2024
<i>Whether funds received from IEEE exclusively for this event :</i>	Nil
<i>Target Audience :</i>	Undergraduate and postgraduate students from various colleges
<i>No. of participant :</i>	50

Brief Description :

IEEE Student Branch Jeppiaar Engineering College Photonics Society conducted an online webinar “Lights in our lives” on 16th May 2024 from 5:30 pm to 6:30 pm through Google Meet. The distinguished speaker Dr.P. Susthitha Menon, IMEN alumni member, IEEE Electron Devices Society (EDS).

The session started with a welcome note by Ms.Vishnu Priya R, the Chairperson of the Photonics Society of IEEE Student Branch Jeppiaar Engineering College. The speaker took over the session by continuing with the key points about the Introduction of lights.

The keynotes of this session were what are the purpose of lights in our lives and the purpose of lights in other job fields like in the optical field, how lights are amplified, how it is helping in the medical field and in this generation and day-to-day life, how it is transferred to another medium, applications of photonics in engineering career and devices in medical and at last, how can we relate photonics in engineering and ideas for future career ideas in photonics.

In conclusion, we learned about what is light and its purpose, applications, and career guidance through photonics, and the webinar session came to an end with a vote of thanks by Ms. Vishnu Priya, the chairperson of Photonics Society IEEE SB JEC and finally, and we got a good feedback from the speaker.

“In the right light, at the right time, everything is extraordinary”.”

JEPPIAAR
ENGINEERING COLLEGE

IEEE Photonics Society

IEEE SB JEC

IEEE Student Branch
Jeppiaar Engineering College
Student Branch code: 64691

Organizes
Webinar on

LIGHTS IN OUR LIVES

Speaker
Dr.P.Susthitha Menon
Coordinator, IMEN Alumni Member, IEEE Electron Devices Society (EDS)
Board of Governors Chair, Women In Electron Devices Society (WIEDS)
Associate Professor Research Fellow/Senior Lecturer (Optoelectronics,
Nanophotonics & Plasmonics) Nanophotonics and Quantum Electronics Laboratory,
Institute of Microengineering and Nanoelectronics (IMEN), The National University of Malaysia (UKM)

16th May, 2024
5.30pm-6.30pm

Register at:
<https://tinyurl.com/LIOL-WEBINAR>

Google Meet

[ieeesbjec.epizy.com](https://www.ieeesbjec.epizy.com)

IEEE SB JEC

IEEE REPORT BY

D Kamesh,

Documentation Team | IEEE SB JEC

BLOCK CHAIN

<i>Name of organizing unit :</i>	IEEE Student Branch Jeppiaar Engineering College (STB64691)
<i>Co-organizing unit :</i>	IEEE PHOTONICS SOCIETY
<i>Event Name :</i>	Block Chain
<i>Venue & Date of the event :</i>	Google Meet (Online) 13/09/2024
<i>Whether funds received from IEEE exclusively for this event :</i>	Nil
<i>Target Audience :</i>	Undergraduate and postgraduate students from various colleges
<i>No. of participant :</i>	50+

Brief Description :

IEEE Student Branch Jeppiaar Engineering College Photonics Society conducted an online webinar “Block Chain” on 13th September 2024 from 6:30 pm - 8:30 pm through Google Meet. The distinguished speaker **Mr . PRAVEEMTHAKUR** , CTO & Cofounder of ONEWAXY ,Cofounder and chief executive officer of AGRICOSMOS, Chief product officer of Nitro network.

The session started with a welcome note by Meera Jasmine, the member of Photonics Society of IEEE Student Branch Jeppiaar Engineering College.

The Speaker took over the session by continuing with the key points about the Introduction of Block Chain. More than 50 members joined the webinar and gained more experience.

At first he started the session with explaining What is this technology after all?, Why is there so much of noise?, Why do we take notice of this?. He even started to share about how it all started and about bitcoin. And how it is helping in our day-to-day life, how can we relate block chain to our studies and ideas for future career ideas in blockchain.

It is continued by conducting block chain quiz through online mode and even winners are announced based on their marks. The quiz was conducted based on Block chain on 15th September 2024 6:30 pm- 7:00 pm through online website.

JEPPIAAR
ENGINEERING COLLEGE

IEEE Photonics
Society

IEEE SB JEC

IEEE Student Branch
Jeppiaar Engineering College
Student Branch Code : 64691

Organizes

Workshop On

BLOCK CHAIN

Speaker

Mr. PRAVEEN THAKUR
CTO & Co-Founder of ONEWAXY,
Co-founder and chief executive officer of AGRICOSMOS,
Chief product officer of Nitro network.

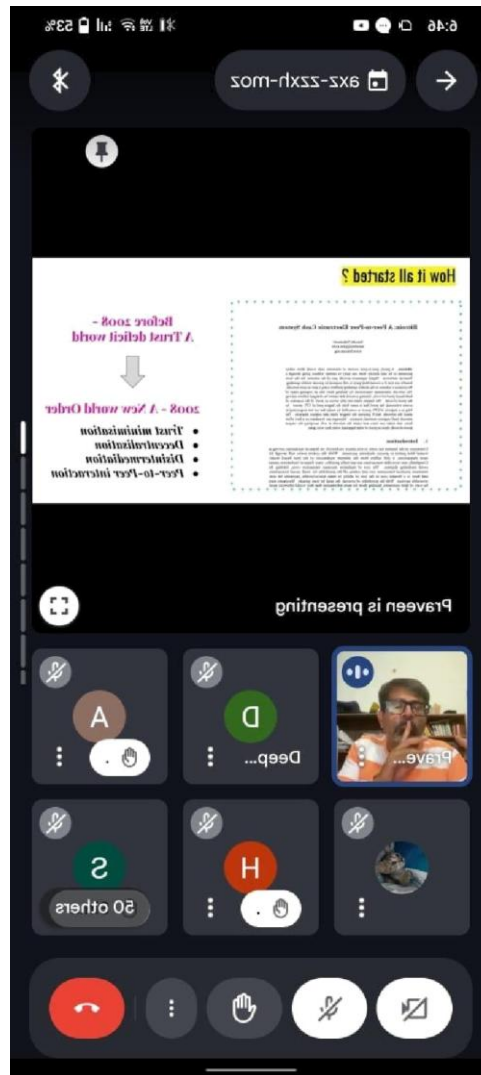
13th September, 2024
6.30pm - 8.30pm.

Register at :
<https://tinyurl.com/476jwx9e>

Google meet

ieesbjec.eplzy.com

IEEE SB JEC



IEEE Student Branch
 organizing celloq

Organizes

TECHBICRL €lulZ



15th September, 202
 6.30pm - 7.00pm.

ieeesbjec.epizy.com

IEEE SB JEC



IEEE REPORT BY

D Kamesh,

Documentation Team | IEEE SB JEC

IEEE REPORT ON HOH 5.0

Name of Organizing unit:	IEEE Student Branch Jeppiaar Engineering College (STB64691)
Co - Organizing unit:	IEEE Madras section young professionals
Event Name:	H-O-H 5.0
Platform & Date of the event:	Jeppiaar Engineering College 12/11/2024 13/11/2024
Whether funds received from IEEE exclusively for this event:	Nil
Target Audience:	Undergraduate and postgraduate students of Jeppiaar Engineering College
No. Of Participant:	150+

Brief description:

The IEEE Student Branch of Jeppiaar Engineering College, in collaboration with the IEEE Madras Section Young Professionals, proudly hosted the 5th edition of its prestigious 24-hour National Level Hackathon, “**Hack-O-Holics 5.0**”, on the 12th and 13th of November 2024. The event, held at the Library Seminar Hall of Jeppiaar Engineering College, aimed to ignite technical excellence and inspire innovative thinking among students from diverse academic backgrounds.

The event commenced with an inauguration ceremony on the 12th of November 2024, from 10:30 AM to 11:00 AM. The session was emceed by IEEE SB JEC student volunteers Mukesh and Samvirtha. The ceremony began with the rendition of “**Tamil Thai Vazhthu**”, symbolizing cultural pride and respect.

The highlight of the inauguration was the official launch of Hack-O-Holics 5.0, led by the Chief Guest, “**Mr. Vivek Mohandass**”, Technical Lead in Data Integration & API Management at AstraZeneca, Chennai. Joining him were the distinguished Guests of Honor, “**Ms. Akila Rajagopal**”, Executive Industry-Academia Collaboration, IIT Madras Research Park, “**Mr. Nivas Ramachandra**”, Director at Spendflo, USA; and Ms. Glanee Rose S, Project Manager at AstraZeneca. The guests were warmly felicitated by Dr. K. Senthil Kumar, Principal, and Dr. J. Jebastine, Vice Principal, who delivered motivational speeches encouraging participants to unleash their creativity and technical prowess.

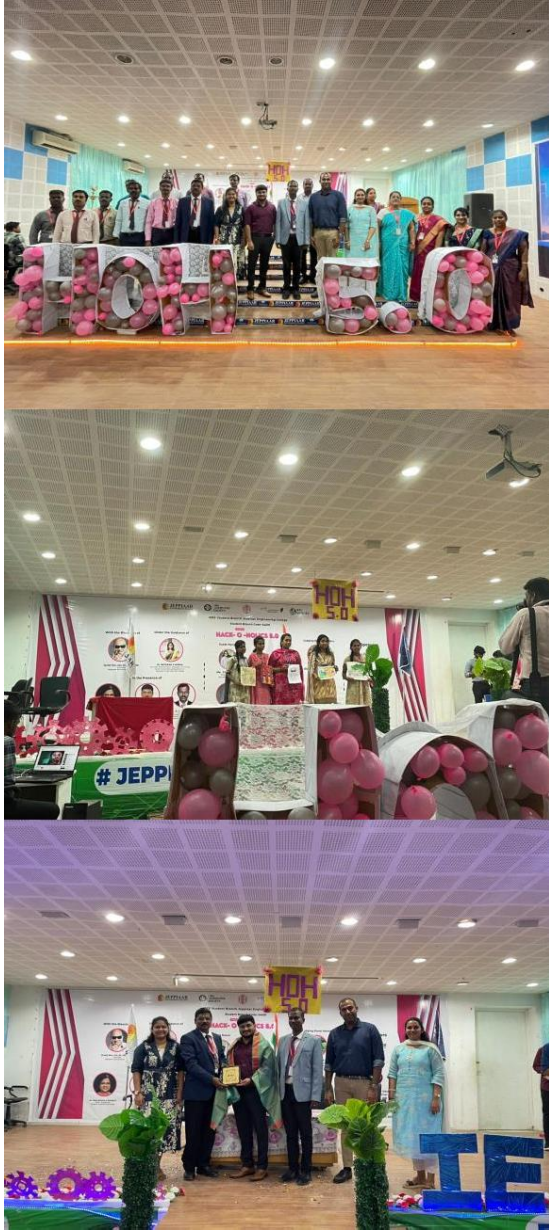
The 24-hour Hackathon began promptly at 11:00 AM on the 12th of November 2024 and concluded at 11:00 AM on the 13th of November 2024. The event showcased participants tackling challenging problem statements with creativity and collaboration. Alongside the Hackathon, the cultural event Vibranza added vibrancy with dance, music, and painting competitions.

The valedictory session of Hack-O-Holics 5.0 was held at 1:00 PM on the 13th of November 2024, hosted by Mukesh and Samvirtha. The Chief Guest, Mr. Elanchezhiyan Ragavan, Founder & CEO of Social Zog, was honored by Dr. K. Senthil Kumar, Principal, and Dr. J. Jebastine, Vice Principal. Winners, runners-up, and special mentions for both the Hackathon and cultural competitions were announced and the winner and runners were awarded by cash prizes. Certificates were also presented to the volunteers for their dedicated efforts.

The event concluded with a vote of thanks delivered by Ms. Jeevitha Ramachandran, Chair of IEEE SB JEC, marking the grand success of "Hack-O-Holics 5.0".

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Report by:

Vinothani R
Vice chair of SIGHT Committee.

IEEE REPORT ON SIGNOX 3.0

Name of Organizing unit:	IEEE Student Branch Jeppiaar Engineering College (STB64691)
Co - Organizing unit:	Signal Processing Society SB JEC
Event Name:	Signox 3.0
Platform & Date of the event:	Library Seminar Hall 1 & 2 Jeppiaar Engineering College 06/11/ 2024
Whether funds received from IEEE exclusively for this event:	Nil
Target Audience:	Undergraduate and postgraduate students of Jeppiaar Engineering College
No. of. Participant:	150+

Brief description:

The **IEEE Student Branch of Jeppiaar Engineering College**, in collaboration with the **Signal Processing Society of IEEE SB JEC**, successfully conducted “**SIGNOX 3.0**” on 6th November, 2024 at the Library Seminar Hall of Jeppiaar Engineering College. The event aimed to foster technical knowledge and innovative thinking among students.

The program commenced with an inauguration ceremony hosted by Kiran and Priyanka, student volunteers, from 10:30 AM to 11:00 AM. The event was graced by the presence of **Dr. K. Senthil Kumar, Principal**, and **Dr. J. Jebastine, Vice Principal**, who delivered encouraging speeches that motivated the participants.

Following the inauguration, a technical PPT session was presented, evaluated by judges Mr. Sakthivel and Dr. Jagan, both Assistant Professors of the ECE Department. The judges were felicitated by Dr. K. Senthil Kumar for their valuable contributions. The event continued with a quiz competition, which was emceed by Ms. Sreenidhi, Secretary of the EMBS Society, featuring 30 teams of 3-4 members each. After the first round, 20 teams advanced to the second round, held after lunch. Winners and runners-up were selected based on their performance.

Parallel to the quiz, an innovative thinking competition encouraged participants to showcase their creativity and problem-solving skills.

The valedictory session, emceed by Sugan and Keerthika, student volunteers, began at 2:30 PM. The event concluded with the Principal and Vice Principal presenting prizes to the winners and runners-up. The vote of thanks was delivered by Ms. Jenta, the event organizer, acknowledging the efforts of everyone who contributed to the event's success.

With engaging sessions, thought-provoking competitions, and enthusiastic participation, SIGNOX 3.0 was a grand success, providing a platform for students to demonstrate their

technical and innovative prowess.

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Report by:
Vinothani R
Vice chair of SIGHT Committee
SB JEC

IEEE REPORT ON WEBINAR

Name of organizing unit:	IEEE Student Branch Jeppiaar Engineering College
Co - Organizing unit:	Pulse Up Org
Event Name:	Leveraging linkdin
Platform and Date of the event:	Google Meet - 26/04/2024
Whether funds received from IEEE exclusively for this event:	Nil
Target Audience:	Undergraduate and Postgraduate students of Jeppiaar Engineering College
No.of.participant:	70+

Brief Description:

IEEE Student Branch, Jeppiaar Engineering College, in collaboration with PulseUpOrg, organized the event "Leveraging LinkedIn" on 26/04/2024 via Google Meet from 7:30 PM to 8:30 PM.

The session began with Sakthi Mahendran K, COO of PulseUpOrg, who provided insights on building personal brands and networks. He discussed LinkedIn coding, strategies, and other essential aspects of optimizing LinkedIn. Following Sakthi Mahendran, the session was led by Vijay Bala M, CEO of PulseUpOrg, who further elaborated on building LinkedIn networks using advanced LinkedIn strategies.

This session empowered participants with the knowledge and skills necessary to optimize their LinkedIn presence, allowing them to forge meaningful connections, advance their careers, and unlock new opportunities in the digital landscape.

The goal of the event was to create a dynamic learning environment where participants gained practical insights, strategies, and best practices to leverage LinkedIn as a powerful tool for personal branding, networking, and professional growth.

Leveraging LinkedIn isn't just about connecting; it's about building meaningful relationships that drive career growth and business success.



Report by:

Vinothani R
Vice Chair of SIGHT committee.

IEEE REPORT ON AEROMODCON

Name of organizing unit:	IEEE Madras Section & IEEE young Madras professionals
Co - Organizing unit:	Jeppiaar Engineering College
Event Name:	Aeromodcon 2024 - Aeromodelling workshop and demonstration
Platform & Date of the event:	Jeppiaar Engineering College 19/09/24 & 20/09/24
Whether funds received from IEEE exclusively for this event:	Industry Relations Committee of IEEE Region 10
Target Audience:	Undergraduate and Postgraduate students
No.of.participant:	150+

Brief Description:

The IEEE Madras Section and IEEE Young Professionals, in collaboration with Jeppiaar Engineering College and sponsored by the Industry Relations Committee of IEEE Region 10, successfully hosted "Aeromodcon 2024" – a two-day Aeromodelling Workshop and Demonstration on the 19th and 20th of September 2024.

The event commenced with a warm inauguration, setting the tone for an enriching experience. The first session, led by Mr. Sheerkar Donthy, a Design Engineer at The ePlane Company, provided an insightful and engaging introduction to Computer-Aided Design (CAD) using CATIA. His talk, titled "CAD for UAVs," offered participants a fresh perspective on leveraging CAD tools in the aerospace field.

This was followed by a detailed exploration of aerodynamic design using CAD, enlightening attendees on how theoretical principles translate into practical design approaches, specifically for Unmanned Aerial Vehicles (UAVs).

The afternoon session shifted focus toward industry insights, featuring a thought-provoking panel discussion on industry expectations in the UAV sector. Mr. Bakthakolahal Shyamsundar, an expert in the field, provided invaluable insights, preparing students to meet real-world challenges. The day concluded with an informative online session featuring Mr. Abdul Halik M.I., Secretary of IEEE Madras Young Professionals and Operations Lead at Forte Consulting; Mr. Arun M, IEEE Madras Young Professionals member and Assistant Professor in the ECE Department of Panimalar Engineering College; Ms. Reshmaja K, Academia-Industry Coordinator for IEEE Madras Young Professionals and Avionics Engineer at The ePlane Company; and Mr. Ashvanth B, Vice Chairman of IEEE Madras Young Professionals and Senior Associate in Technology Operations at MassMutual India. They discussed the diverse benefits of IEEE membership, emphasizing career growth opportunities.

The second day of Aeromodcon began with an introduction to UAV fundamentals, led by Mr. Jigyasu Chand, a Systems Test Engineer at the Technology Innovation Institute (TII), Abu Dhabi. With extensive experience working with Pixhawk flight controllers, Ardupilot, and PX4 autopilots, Mr. Jigyasu Chand led an exciting session on **"UAV Assembly and Flight Demonstration."** He covered crucial topics such as UAV components, sensors, and PID control systems, providing participants with a strong foundation in drone technology.

Participants then gained hands-on experience during the drone assembly session, learning how to integrate various sensors into UAVs. The day progressed with the setup of a "Ground Control Station," and as the final session approached, participants eagerly anticipated flying their own UAVs. The event culminated in an exciting drone flight demonstration, leaving attendees with a lasting sense of accomplishment and excitement for future UAV developments.

Overall, "Aeromodcon 2024" provided an exceptional blend of theoretical knowledge and practical exposure, offering attendees a holistic view of the UAV industry. The experience was not only educational but also incredibly rewarding for all who participated.

"Drones are not toys, but they bring out the child in all of us"





Report by:
Vinothani R
Vice chair of SIGHT Committee

Name of Organizing unit:	IEEE Student Branch Jeppiaar Engineering College (STB64691)
Event Name:	IEEE Knowledge Exchange: Open Q&A Session
Platform & Date of the event:	G-Meet 24th August 2024
Whether funds received from IEEE exclusively for this event:	Nil
Target Audience:	Undergraduate and postgraduate students of Jeppiaar Engineering College
No. of. Participant:	80+

Brief description:

The IEEE Student Branch at **Jeppiaar Engineering College** successfully organized **the IEEE Knowledge Exchange: Open Q&A Session** on **24th August 2024**.

The session provided a platform for knowledge sharing and clarification of doubts, fostering an interactive environment for students and professionals.

Topics Discussed:

- Career opportunities and guidance in IEEE societies like Signal Processing, Computer Society, and Power & Energy Society.
- Insight into IEEE humanitarian technology and projects under IEEE SIGHT.
- Tips for academic and professional growth using IEEE resources.

Interactive Q&A:

The session was dynamic and engaging, with participants asking thought-provoking questions about IEEE membership benefits, project opportunities, and networking strategies.

Expert Guidance:

Speakers and IEEE Student Branch representatives provided valuable insights and guidance tailored to participants' interests and academic aspirations.

Conclusion

The event was a great success, achieving its goal of providing a knowledge-sharing platform. It strengthened the IEEE Student Branch's presence and more students to join IEEE and actively participate in its initiatives.



IEEE Student Branch
Jepiaar Engineering College
Student Branch Code : 64691

Open Q&A session



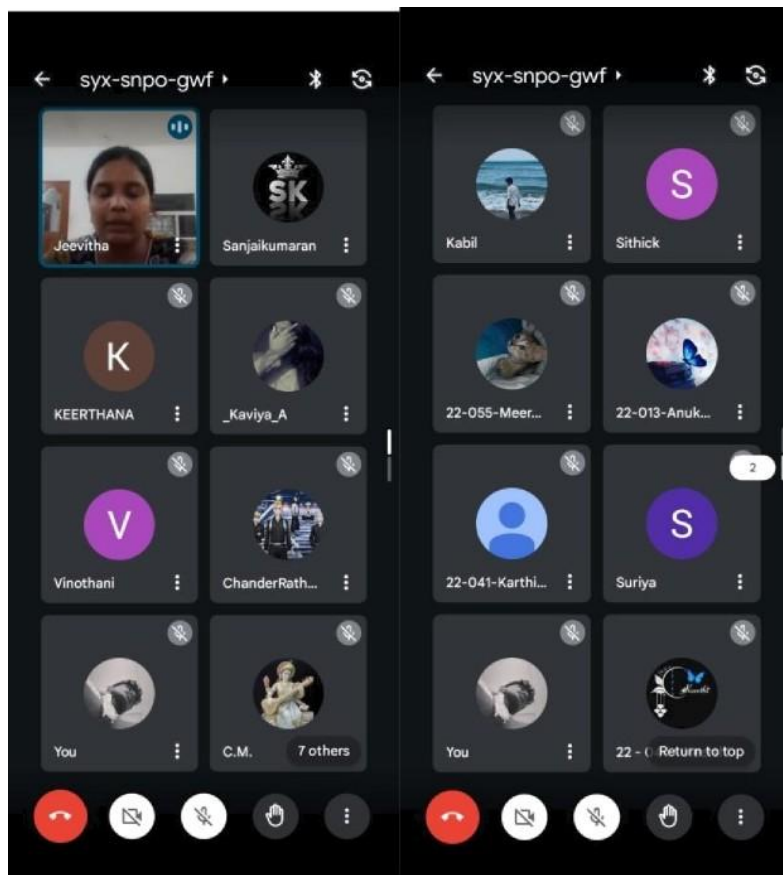
24th August, 2024
6.00 pm to 7.00 pm



Scan here

G-Meet

ieeesbjec.epizy.com



Reported by

**Anandh Anbazhagan
Chair of EMBS of SB JEC**

IEEE REPORT ON WEBINAR

Name of organizing unit:	IEEE Student Branch Jeppiaar Engineering College (STB64691)
Co - Organizing unit:	IEEE Signal Processing Society of JEC
Event Name:	1D and 2D Signal Processing and Deep Learning for Biomedical Applications
Platform & Date of the event:	Google Meet 25/05/2024
Whether funds received from IEEE exclusively for this event:	Nil
Target Audience:	Undergraduate and Postgraduate students of Jeppiaar Engineering College
No.of.participant:	70+

Brief Description:

IEEE Student branch Jeppiaar Engineering College along with IEEE Signal Processing Society hosted a webinar on the topic of "1-D and 2-D Signal Processing and Deep Learning for Biomedical Applications", on 25th May 2024, via Google meet from 6:00 pm to 7:00 pm.

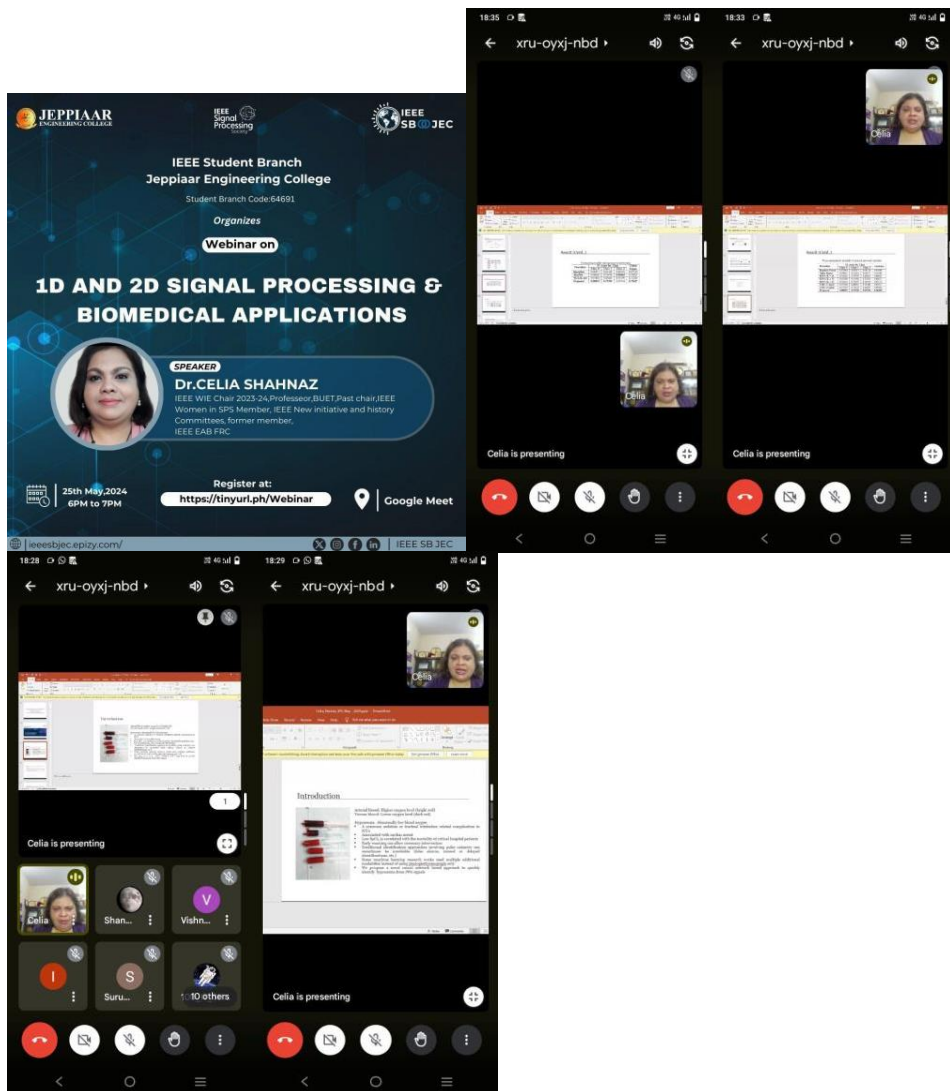
The webinar began with a welcome speech by Meerajasmine, an IEEE SB JEC student volunteer.

The session featured an insightful presentation by the guest speaker, Dr. Celia Shahnaz (IEEE WIE Chair 2023-2024, Professor, and Women in SPS Member). Dr. Shahnaz provided valuable insights into 1D and 2D signal processing and deep learning for biomedical applications. Her explanations were clear and understandable, and she shared her extensive knowledge and experiences, making it a highly informative and engaging event.

This webinar was an excellent opportunity for participants to deepen their understanding of advanced signal processing techniques and their applications in the biomedical field. The event highlighted the importance of integrating signal processing and deep learning in addressing contemporary challenges in healthcare and medical research.

The event concluded with a vote of thanks delivered by Ms.Tanzil Ishrat A, Chairperson of the Signal Processing Society of IEEE SB JEC 2024, who expressed gratitude to the speaker and participants for their contributions and engagement.

"The science of today is the technology if tomorrow"



Report by;
Vinothani R,
Computer Society Member,
IEEE SB JEC.