

**IEEE SIGHT**

Special Interest Group on  
Humanitarian Technology

IEEE Kerala Section SIGHT

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Special Interest Group on  
Humanitarian Technology

AMAL JYOTHI COLLEGE  
OF ENGINEERING SIGHT



**IEEE SB AJCE**

Amal Jyothi College of Engineering



# POWER CONNECT+

**23 MARCH 2024**

**AMAL JYOTHI COLLEGE OF ENGINEERING**

# About The Event

PowerConnect+ is a 2-day program immersing students in the world of Power Electronics, featuring expert guidance from ISRO, IITs, and IEEE PES.

This event, made possible by a grant of \$1250 from IEEE PES MDI 2023, offers a unique opportunity for students to explore and innovate in this dynamic field.

The 2-day event is designed to inspire and educate engineering students in the field of Power Electronics. With the generous support of a grant from IEEE PES MDI 2023, this event brings together industry leaders, innovators, and students for a transformative experience.

The event features four enlightening sessions led by experts in the field. Shibu Mathew, Division Head of ERFD at ISRO, will share insights from his work on missions like Chandrayaan 3, Aditya L1, and Gangayan, in a session on liquid propulsion. Abhinav Rajeev, a Research Fellow at IIT Palakkad, will conduct a hands-on workshop where participants will build solar lamps for students in rural areas facing power cuts.

The event includes sessions on women empowerment in engineering, led by Prof. Sunitha Beevi, Chair of IEEE SIGHT Kerala Section, and opportunities with IEEE PES. The event will also feature cultural performances and an idea-pitching competition, making it a holistic and enriching experience for all attendees.



*Our*  
Venue

*Amal Jyothi College of Engineering*



## **IEEE SB AJCE**

Under the auspices of the Student Branch, the Computer Society, Women in Engineering affinity chapter, Solid State Circuits Society, SIGHT and Industrial Applications Society have been founded to help keep members technically up-to-date, network, and cooperate on research and projects. The AJCE Student Branch consists of 150 plus active IEEE Student and Professional Membership holders. It provides a supportive and stimulating environment for students to explore their interests, engage in hands-on learning experiences, and connect with the wider engineering community.

**IEEE SIGHT Kerala Section** is a dedicated group of IEEE members and volunteers focused on using technology for humanitarian causes. They work on projects that address local challenges such as clean water, healthcare, education, and sustainable energy. Through collaboration with local organizations, NGOs, and government bodies, they have implemented impactful projects that have improved the lives of people in Kerala.

**IEEE Power & Energy Society (PES)** is a global community of professionals and experts dedicated to advancing the latest technologies and practices in the energy industry. With a focus on electric power and energy, IEEE PES provides a platform for knowledge sharing, networking, and professional development for its members. Through conferences, publications, and educational programs, IEEE PES strives to drive innovation, enhance reliability and efficiency, and promote sustainability in the power and energy sector.

# Programs



## *Navigating Space*

Explore the cutting-edge realm of liquid propulsion with Mr. Shibu Mathew, Division Head at ISRO's ERFD, as he shares his insights from landmark missions like Chandrayaan 3, Aditya L1, and Gaganyaan



## *Illuminate Hope*

A stimulating workshop led by Abhinav Rajeev, Research Fellow at IIT Palakkad and Secretary of IEEE SIGHT Kerala Section. Engage in crafting 25 solar lamps hands-on, to brighten the lives of rural students experiencing frequent power cuts.





## *Empower from Within*

Join for a dynamic session on women's empowerment by Prof. Sunitha Beevi, Chair of IEEE SIGHT Kerala Section. Gain actionable insights to drive positive change in your community.



## *Powering Careers*

Explore endless opportunities with IEEE PES! Discover ways to advance your career, connect with industry leaders, and contribute to shaping the future of power and energy by joining our session.



# Highlights

## Cultural night

Experience a night of cultural wonders, where music, dance, and art blend in harmony to celebrate diversity and creativity.



## ElectroniCast

Get ready to pitch your innovative ideas and compete for the chance to turn them into reality.



Prizes worth  
**₹3000**

## Riddle Retreat

Step into our exhilarating escape room game, where you'll unravel puzzles, decipher clues, and race against time for an unforgettable adventure.



Prizes worth  
**₹3000**

# Schedule

## DAY 1 02/03/2024

Inauguration: 9:00am - 10:00am

Navigating Space: 10:00am - 11:30am

Networking session: 11:30pm - 12:00am

Riddle Retreat: 11:30pm - 12:30pm

Lunch: 12:30pm - 1:30pm

Empower from Within: 1:30pm - 2:30pm

ElectroniCast: 2:30pm - 3:30pm

Tea-Break: 3:30pm - 4:00pm

Powering Careers: 4:00pm - 5:00pm

Cultural night: 5:00pm - 7:00 pm

Dinner: 7:00pm - 8:00 pm

## DAY 2 03/03/2024

Breakfast: 7:45am - 8:30am

Illuminate Hope: 8:30am - 10:00 am

Tea break: 10:00am - 10:30am

Illuminate Hope: 10:30am - 12:30 pm

Lunch break : 12:30pm - 1:30pm

Illuminate Hope: 1:30pm - 3:00pm

Tea break: 3:00pm - 3:30pm

Closing ceremony: 3:00pm - 4:00pm

# Contact

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