



# PANIMALAR ENGINEERING COLLEGE

An Autonomous Institution, Affiliated to Anna University, Chennai  
(JAISAKTHI EDUCATIONAL TRUST)

Bangalore Trunk Road, Varadharajapuram, Poonamallee, Chennai – 600 123

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



### PROFESSIONAL SOCIETY



### EVENTS ORGANIZED

#### 2024-2025

S. No	Date	Name of the Event / Event Title	No of Students Participated	Resource Person
1.	21.09.2024	Webinar on Soft Skills for Engineers: Communication, Teamwork and Leadership	62	Mr. Mithresh Gunaseelan, Execom Member, IEEE Madras Young Professionals Advisor, IEEE PIT SB
2.	14.09.2024	Seminar on Digital Manufacturing and Industry 5.0	80	Prof.R K Amit, Department of Management Studies, IIT Madras. Mr.S Ramachandran, Principal, Consultant, Infosys Knowledge Institute. Mr. V Venkatraman, Founder & CEO, Embridge Solutions Pvt. Ltd. Mr. H R Mohan, IEEE Ambassador & Chair-Events, IEEE CS Madras. Prof. Kulwant Pawar, Nottingham University, Business School, UK
3.	01.09.2024	Webinar on Navigating global semiconductor industry and what to expect	65	Ms.Simran Khokha, Product Manager, Infineon Technologies, Germany
4.	24.08.2024	Webinar on Satellite Communication and their role in enabling 6G Technologies	55	Dr.Gunasekaran Thangavel, University of Technology and Supplied Sciences, Muscat
5.	14.08.2024	Webinar on Data Analysis Roadmap and Beginner Bootcamp	55	Ms.Harshini Garapati, Data Analyst at CVS Health, Master's in Computer Science, Texas, United States



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6.	11.08.2024	Webinar on Next-Gen IoT Solutions: Leveraging VLSI Technology	60	Mr.Samuel Tensingh, Department of Biomedical Engineering University of Sydney, Australia
7.	09.08.2024	Webinar on Navigating the Engineering Landscape: Skills and Strategies for Success	55	Mr. Binesh Kumar, Technical Project Lead at Atom Power Inc, Charlotte, North Carolina, USA
8.	09.08.2024	Webinar on Industry Readiness	56	Mr. P. Lakshman Prakash, General Manager & Global Hr Head, Internet of Things (IoT) and Digital Engineering, TCS
9.	31.07.2024	Workshop on Designing Your College Roadmap as a Student: From Campus to Global Intern	60	Mr. Aryan, IEEE REM Scholar 2022, Past Research intern at IMEC Belgium & NUS-SERIS Singapore
10.	09.07.2024	Webinar on Women in Smart Cities	55	Dr. Surekha Deshmukh, Chairman IEEE Pune Section
11.	08.07.2024	Webinar on Engineering Leadership and the Future of Work	70	Mrs. Leslie Martinich, IEEE Distinguished Lecturer, Founder and President, Competitive Focus Lead Faculty, Engineering leadership Certificate Program, University of Texas at Austin
12.	08.07.2024	Webinar on Empowering Women Leaders: Strategies for Success And Inclusion	85	Dr. Zuhaina Zakaria, Dean, Institute of Postgraduate Studies, UiTM, Malaysia
13.	06.07.2024	Webinar on AI and Deep Learning for 4IR Technologies	85	Dr.Celia Shahnaz, Professor, ECE, BUET, Bangladesh, 2023-24 IEEE Women in Engineering Committee Chair
14.	05.07.2024	Webinar on Move with Purpose	75	Ms.Mary Ellen Randall, 2025 IEEE President Elect Candidate President at Ascot Technologies



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15.	04.07.2024	Webinar on Winning with WIE - Opportunities and Benefits	85	Dr. S. Harivardhagini, Chair-WIE,IEEE Hyderabad Section(2024,2023), Professor & Head, EIE Department CVR College of Engineering, Hyderabad
16.	01.07.2024	Webinar on Simulation of AC-DC Hybrid Microgrid	80	Ms. Shravani Mathur, Associate Professor & Ambassador, IEEE Women-in-IES 2024

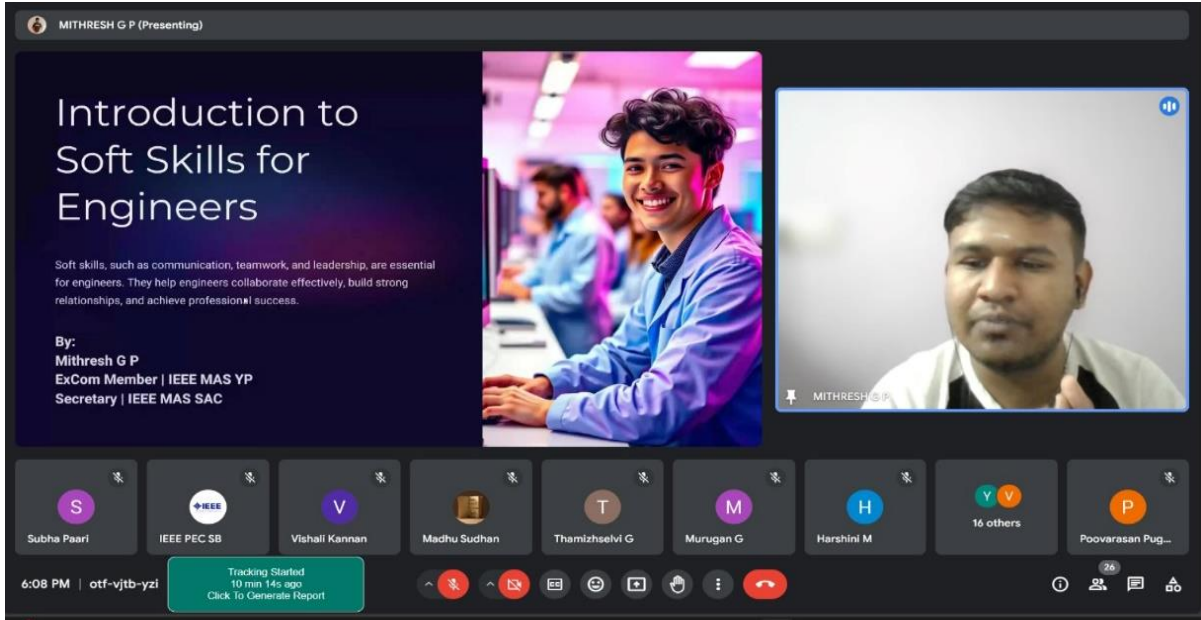


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**Webinar on Soft Skills for Engineers: Communication, Teamwork and Leadership as a part of IEEE Day 2024 by Mr. Mithresh Gunaseelan, Execom Member, IEEE Madras Young Professionals on 21.09.2024.**



## Seminar on Digital Manufacturing and Industry 5.0





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## Webinar on Navigating global semiconductor industry and what to expect as a part of International Webinar Series by Ms.Simran Khokha, Product Manager, Infineon Technologies, Germany on 01.09.2024.

**About Me**

- **Simran Khokha** - M.Sc. Integrated Circuit Design (NTU, Singapore and TUM, Germany)
- Product Development Engineer – 2018, AMD Singapore
- Design Engineer (Verification) – 2019 – 2023, Realtek, Stmicroelectronics Singapore
- Product Management and Marketing – 2024, Infineon Germany

Logos: AMD, REALTEK, Infineon, life.augmented

Participants: Krithika, Priya K, Iswarya M, Archana M, Melinda J, Logashree S, Kesavan M, 12 others, Dheeraj Singh R

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## Webinar on Satellite Communication and their role in enabling 6G Technologies by Dr.Gunasekaran Thangavel, University of Technology and Supplied Sciences, IEEE Senior Member, Life Member ISTE, Muscat on 24.08.2024.

**In 1926, the visionary Nikola Tesla stated:**

**"When wireless is perfectly applied, the whole Earth will be converted into a huge brain."**

**By 2030, responding to fundamental human and social needs and based on the expected progress in ICT Tesla's prophecy may become a reality.**

Participants: GUNASEKARA..., Pradheesh J, Vikranth, Kanmani, Dhinakaran P, Prabhakaran P N, Vertrivel K, ROE wilson, Pavithra, Poovarasu..., 13 others, Narmadha Kasi...

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## Webinar on Next-Gen IoT Solutions: Leveraging VLSI Technology by Mr. Samuel Tensingh, University of Sydney, Australia on 11.08.2024.

**4 STAGES OF EVOLUTION OF TRANSISTORS**

→ GAAFET is an evolution beyond FinFETs and involves wrapping the gate around the channel from all sides, providing even more precise control over the flow of current.

→ This architecture aims to address challenges associated with scaling down transistor sizes, enhancing electrostatic control, and further reducing leakage current.

**GAAFETs (Gate-All-Around FETs)**  
Expected to become more prevalent in future

Zoom interface details: Samuel Tensingh (Presenting), 17:20, Next gen iot, Track Attendance, 39 participants.

## Webinar on Move with Purpose as a series of IEEE WIE Day 2024 celebration by Ms.Mary Ellen Randall,2025 IEEE President Elect Candidate President at Ascot Technologies on 05.07.2024.

**Goals and History**

**Goals:**

- Engage members
- Disaster Relief - satellite communications, energy, information & light to volunteers and victims
- Educational outreach to STEM students & public

**History:**

- Conceived in late 2013; Focus Group April 2014
- Truck designed in 2014-2015, delivered in March 2016
- National agreement with Red Cross
- First disaster deployment June/July 2016
- 35 Disaster Relief Deployments to-date
- Over 200,000+ STEM and Public sightings

**NEWS:**

- International Expansion to India and Puerto Rico

For more info: [move.ieee.org](http://move.ieee.org)

Zoom interface details: Logashree S (Presenting), 19:39, wup-cwmr-..., Track Attendance, 49 participants.



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**Webinar on AI and Deep Learning for 4IR Technologies as a series of IEEE WIE Day 2024 celebration by Dr.Celia Shahnaz, Professor, Dept of ECE,BUET,Bangladesh,2023-24  
IEEE Women in Engineering Committee Chair on 06.07.2024.**



**Webinar on Empowering Women Leaders: Strategies for Success And Inclusion as a part of IEEE WIE Day 2024 celebration by Dr.Zuhaina Zakaria, Dean, Institute of Postgraduate Studies, UiTM,Malaysia on 08.07.2024.**

