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CONSUMER TECHNOLOGY SOCIETY

Sri **SAIRAM**
ENGINEERING COLLEGE
INSTITUTE OF TECHNOLOGY
Autonomous Institutions
West Tambaram, Chennai - 44

Cordially Invite you for

DISTINGUISHED LECTURERS PROGRAM on

AUTHENTICATION AND SECURE UAV COMMUNICATION
IN RESOURCE CONSTRAINT ENVIRONMENT

14.10.2025, Tuesday | Smart Classroom I

Resource Person

Mr. BODHISATTWA BAIDYA

Member - IEEE CTSoc MDA TC Drone Technology Expert
Ramakrishna Mission Vidyamandira Kolkata,
West Bengal

Ms. C.Esther
Strategist IEEE CTS SB

Ms. M.Anitha
Executor IEEE CTS SB

Dr. M. Pachhaiammal @ Priya
IEEE CTS captain

Dr. K. Palanikumar
Principal / SIT

Dr. J. Raja
Principal / SEC

Dr. Sai Prakash LeoMuthu
Chairman & CEO
Sairam Institutions

MJF.LN. LEO MUTHU

Sairam RAISE EOMS | Sairam SDG ACTION | Sairam | ARIIA | nirf | GOALS
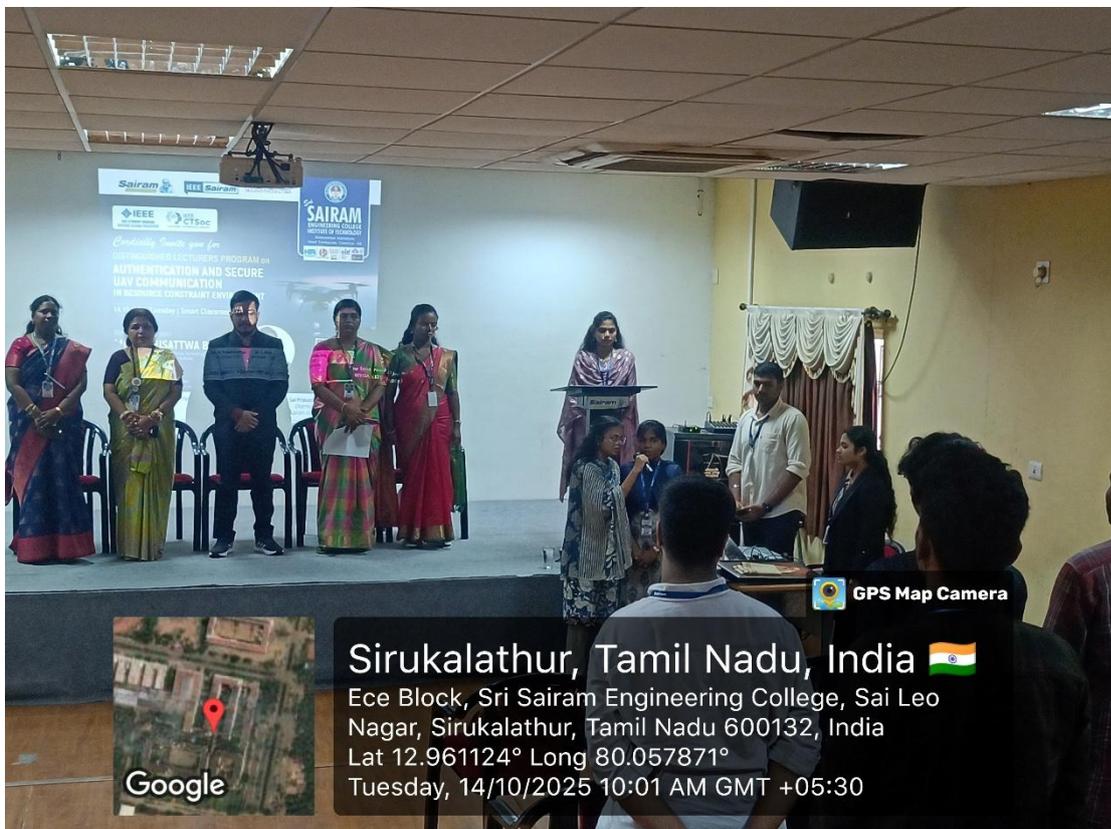
INTRODUCTION:

The **IEEE Sairam Student Branch**, in collaboration with the **IEEE Consumer Technology Society (CTSoc)**, organized a **Distinguished Lecturers Program** aimed at enriching students' knowledge on advanced technologies and their secure implementation. The event, titled *"Authentication and Secure UAV Communication in Resource Constraint Environment,"* was held on **14th October 2025 (Tuesday)** at the **Smart Classroom**, **Sri Sairam Engineering College**, West Tambaram, Chennai.

The program featured **Mr. Bodhisattwa Baidya**, *Member, IEEE CTSoc MDA TC and Drone Technology Expert, Ramakrishna Mission Vidyamandira, Kolkata, West Bengal*, as the distinguished **resource person**. The event was coordinated by **Ms. C. Esther (Strategist, IEEE CTS SB)** and **Ms. M. Anitha (Executor, IEEE CTS SB)** under the guidance of **Dr. M. Pachhaiammal @ Priya (IEEE CTS Captain)**.

The primary objective of the program was to provide participants with a deeper understanding of **authentication and secure communication mechanisms in UAV systems**, particularly in environments with limited resources. The lecture also aimed to inspire students toward research and innovation in emerging fields such as **cybersecurity, AI, and drone communication systems**, in line with IEEE's vision to advance technology for the betterment of society.

Technical Quiz

Following the insightful lecture session, a **Technical Quiz** was organized by the **IEEE Consumer Technology Society Student Branch**. The quiz aimed to evaluate participants' understanding of the concepts discussed during the lecture and to encourage active learning among students.

The quiz covered topics related to **UAV communication, authentication mechanisms, cybersecurity principles**, and general technological advancements in the field of **AI and IoT**. Participants enthusiastically took part in the quiz, showcasing their technical knowledge and quick-thinking abilities.

The activity served as an engaging and interactive segment, helping students to reinforce key takeaways from the session while promoting a spirit of healthy competition. The winners were appreciated for their performance and participation.

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Technical Debate

After the quiz session, a **Technical Debate** was conducted on the thought-provoking theme **"AI and Ethics – Privacy, Surveillance, and Social Media in Modern Society."** This session aimed to encourage participants to critically examine the ethical implications of artificial intelligence and its influence on individual privacy, digital surveillance, and social behavior.

Students were divided into teams and presented their perspectives on both the positive and negative impacts of AI technologies. The debate sparked meaningful discussions on topics such as **data privacy, algorithmic bias, social media regulation, and responsible AI usage**. Participants demonstrated exceptional communication, reasoning, and analytical skills while defending their viewpoints.

The debate served as an engaging platform for students to explore the intersection of **technology, ethics, and society**, fostering awareness about the importance of ethical responsibility in technological development. The judges and coordinators appreciated the participants for their well-researched arguments and active involvement, making the session both educational and insightful.
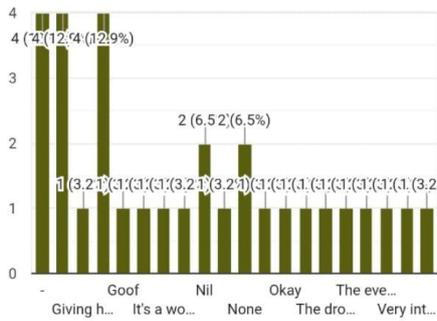

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FEEDBACK

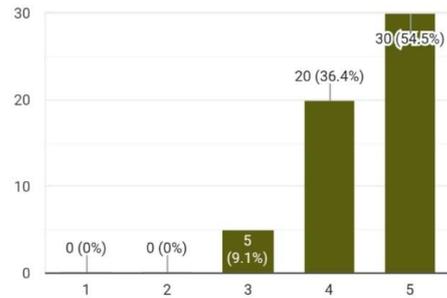## Any overall feedback and suggestions for the improvement of the event?

31 responses

How relevant and helpful do you think it was for your career?
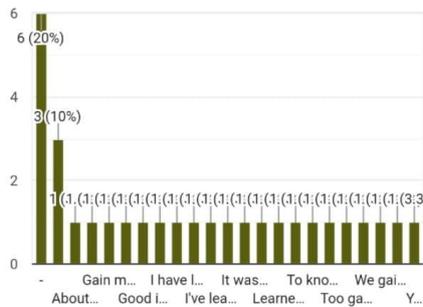
55 responses

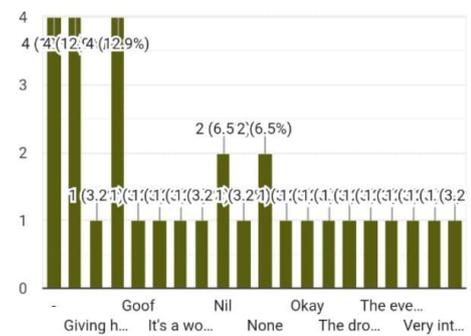## What were your key take aways from this event?

30 responses

Any overall feedback and suggestions for the improvement of the event?

31 responses

Vote of Thanks

A formal **Vote of Thanks** was delivered by the organizing team. Gratitude was extended to the distinguished resource person **Mr. Bodhisattwa Baidya** for sharing his expertise and valuable insights. The coordinators also thanked **Dr. M. Pachhaiammal @ Priya**, **Ms. C. Esther**, **Ms. M. Anitha**, and all faculty members of the **Department of Electronics and Communication Engineering** for their constant support and guidance. Appreciation was also conveyed to the student volunteers and participants for contributing to the success of the event through their enthusiastic involvement.

The program concluded on a positive note, leaving the audience motivated to explore new dimensions of technology, research, and ethics in engineering.

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