



SAI RAM ENGINEERING COLLEGE

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Guest Lecture on Recent Trends in Communication Systems

The Department of Electronics and Communication Engineering, in association with IEEE Communication Society Madras Section Chapter, hosted a Guest lecture on the topic **Recent Trends in Communication Systems**. The event featured Dr.M.Sumathi,Sathayabama University,Professor,ECE,Chennai, India.

Event Details

Date: 9th November 2024 (Saturday)

Time: 10:00 PM to 11:00 PM

Platform: Online mode (Microsoft Team)

Meeting Link: [Join Zoom Meeting]

<https://tinyurl.com/webinaroncommunicationsystems>

Meeting ID:

Passcode:

Speaker Profile

Dr. M.SUMATHI received her Bachelor of Electronics and Communication Engineering Degree from Madras University and Master's Degree in Applied Electronics from Anna University, Chennai in 1992 and 2001 respectively. She taught a wide variety of courses at both undergraduate and postgraduate levels over a period of 25 years. She completed her Doctoral degree in RF CMOS VLSI and current areas of interest include Analog/Mixed Signal VLSI design, RF/Microwaves, Optical Communication Systems, Biomedical Image Processing and VLSI signal processing/testing. She is currently working as Professor in

School of Electrical and Electronics Engineering, Satyabhama University, Chennai, Tamilnadu, India. She is a life member in ISTE, Faculty Advisor of ISTE Student Chapter and Fellow in Institution of Engineers (India). She had published more than 60 research papers in reputed Journals and Conference Proceedings.

Lecture Overview

The lecture emphasized the importance of digital communication, highlighting how it facilitates seamless connectivity with anyone, anywhere, and anytime. The session aimed to enhance participants' understanding of digital technology and its impact on the modern world. Topics covered included advancements in fiber optics, antenna systems, and the critical role of RFI mitigation in ensuring clear and reliable communication system.

Key Takeaways

1. Advancements in Communication system:
 - Improvements in data transmission speed and capacity.
 - Emerging applications in various fields such as telecommunications and medical technology.
2. wireless Technology Systems:
 - Innovations in antenna design for better signal reception.
 - Importance of frontend systems in processing signals before they are transmitted or received.
3. Modulation & Demodulation:
 - Analog and digital communication

Few Snippets



EVENT ID
SEC202411IEEECCMMO5

Department of Electronics & Communication Engineering SEC IEEE Communication Society SBC

GUEST LECTURE
on

RECENT TRENDS IN COMMUNICATION SYSTEMS

for II year CSE & IT

"Empowering Networks, Enabling Tomorrow"



Event Coordinators
Kiruthika A
Diksha R S

RESOURCE PERSON

Dr. M.SUMATHI

Professor/ECE

Satyabama Institute of Science
and Technology, Chennai



09/11/2024



10:00-11.00
AM



VIRTUAL

Dr.K.SUMATHI
Dr.P.VIJAYAKUMARI
EVENT
COORDINATORS

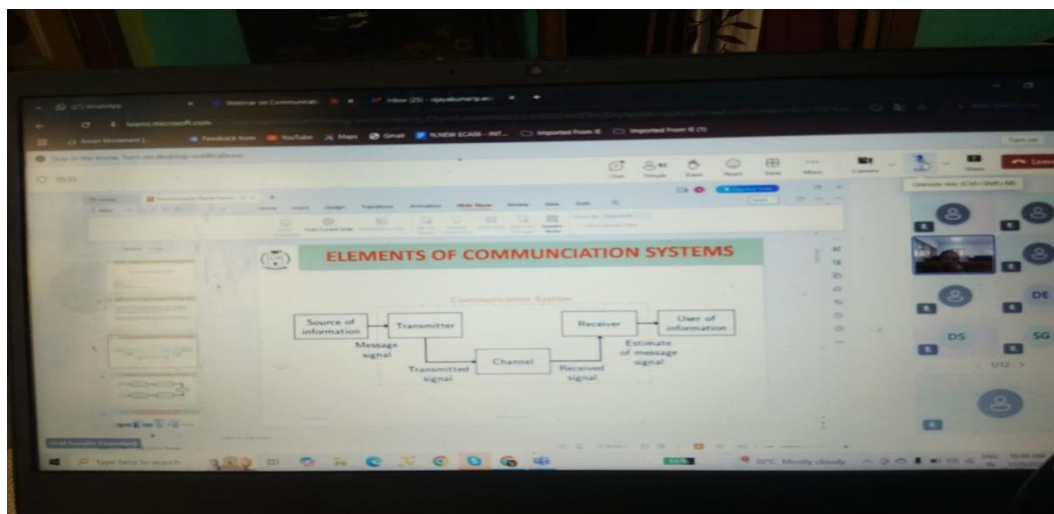
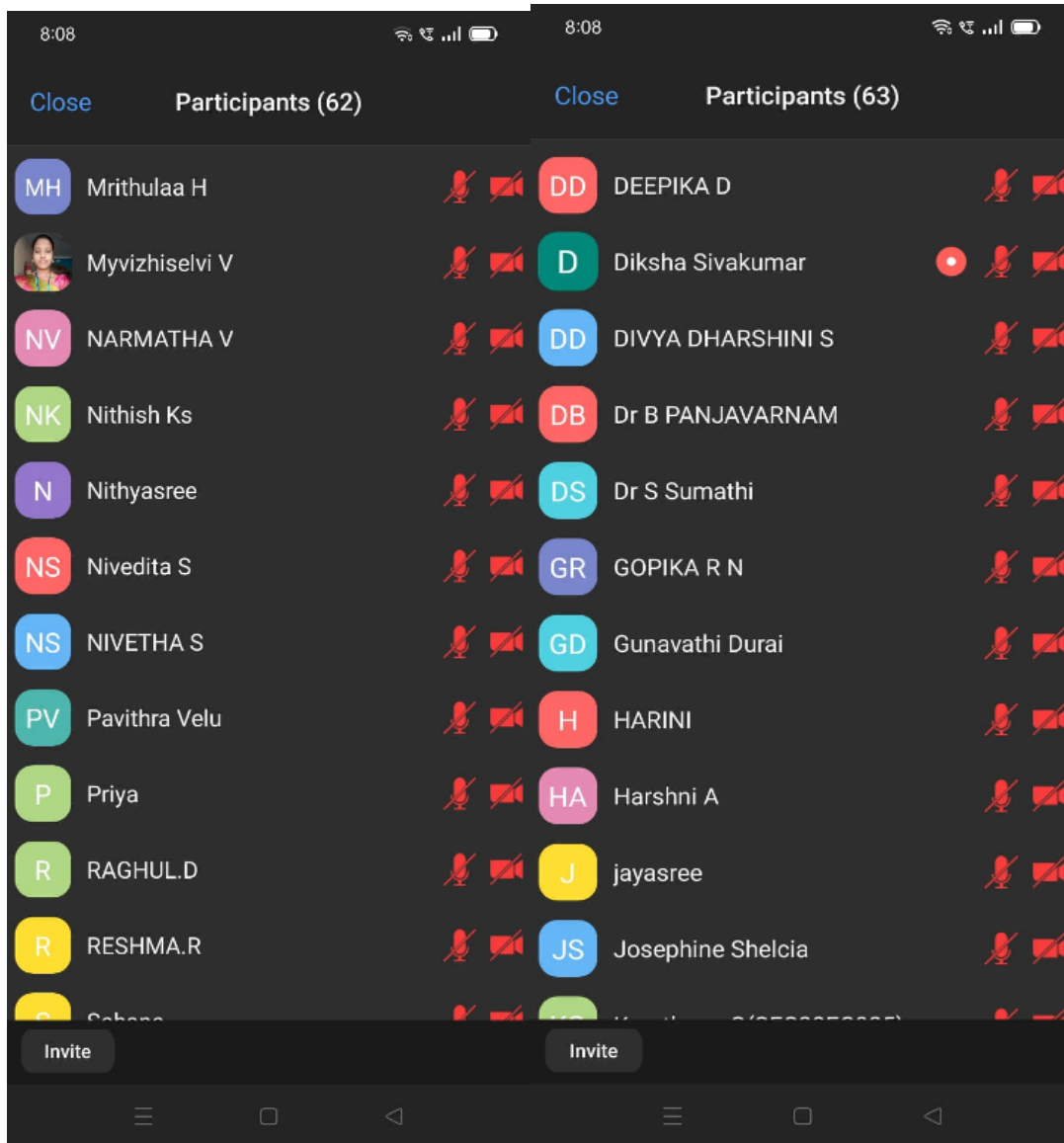
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Dr. J. THAMILSELVI
HOD/ECE

Dr. J. RAJA
PRINCIPAL

Dr. SAI PRAKASH LEOMUTHU
CHAIRMAN & CEO
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Conclusion

The guest lecture provided valuable insights into the current trends and future prospects of Communication technology in the emerging world. Participants gained a deeper understanding of the field, which can significantly aid their academic and career growth. The session also underscored the importance of staying connected through communication systems and leveraging advancements in technology for better outcomes.

Acknowledgments

Special thanks to the Department of Electronics and Communication Engineering and the IEEE Communication Society Madras Section Chapter for organizing this enlightening session. Appreciation is also extended to Dr.M.Sumathi ,Prof/ECE for sharing his expertise and insights.

Feedback from 63 participants:

Rate this Programme in a 5 point scale.

