



Dr. M.G.R. EDUCATIONAL AND RESEARCH INSTITUTE (Deemed to be University)

Maduravoyal, Chennai - 600 095. Tamilnadu, India.

(An ISO 9001-2015 Certified Institution)



MGR ASSOCIATION FOR GREAT INNOVATIVE CREATORS

Department of Electronics and Communication Engineering

Event Title	Professional Society Event IETE sponsored Seminar on "Importance of RF Communication in AI Era"		
Objective of Event	To enlighten students and faculty members on the significance of Radio Frequency (RF) communication in the context of emerging Artificial Intelligence (AI) technologies, and to provide insights into how RF systems and AI can synergize to revolutionize modern		
Chief Guest / Speaker Details	Dr. B. Sivashanmugavalli, Assistant Professor (Sr. Grade), B. S. Abdur Rahman Crescent Institute of Science & Technology		
Date	24/04/2025	Time	11.30 AM to 02.00 PM
Venue	University Auditorium	No. of Participants	200

REPORT

TITLE

Professional Society Event IETE sponsored Seminar on "Importance of RF Communication in AI Era"

CONTENT

The Department of Electronics and Communication Engineering, in association with the IETE professional society, organized a seminar on the topic "Importance of RF Communication in AI Era" on 24th April 2025 at 9:30 AM in the RA Block Auditorium, Main Campus. The event began with a welcome note by Anitha, a second-year ECE student, who also introduced the guest speaker, Dr. B. Sivashanmugavalli, Assistant Professor at Crescent University.

Dr. Sivashanmugavalli delivered an engaging session on the relevance of RF Communication in the AI era. She explained the basics of RF and its role in modern communication systems, traced the evolution from 1G to current technologies, and highlighted the growth of AI, including Machine Learning, Deep Learning, and Generative AI. She concluded with insights on the RF communication chain and the integration of AI in communication systems, leaving the audience with the powerful message: "Communication empowers AI, AI empowers Communication."

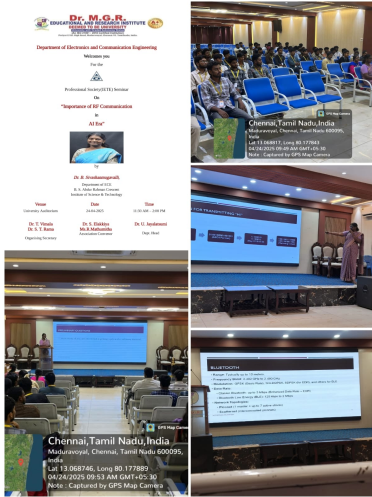
The vote of thanks was delivered by Sarveswari, a third-year ECE student. The event was coordinated by Dr. T. Vimala, Professor/ECE, and Dr. S. T. Rama, Assistant Professor/ECE. The department expresses its heartfelt gratitude to our Honorable President for his constant support, and to Dr. U. Jayalathsumi, HoD/ECE, Mr. N. Lakshminarayanan, Associate Professor/ECE, and all the executives for their encouragement and support in organizing the event.



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EVENT OUTCOME

Participants gained a comprehensive understanding of the fundamentals and evolution of RF communication, the advancement of AI technologies such as Machine Learning, Deep Learning, and Generative AI, and how AI is being integrated into communication systems. The session enabled attendees to appreciate the mutual empowerment of AI and RF communication, inspiring them to explore interdisciplinary innovations in the field.

PHOTOS



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Dr.T.Vimala/ Ms. S.T Rama