



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 | Subject Lecture on "FM Transmitter and Receivers" | | |
| Objective of Event | The objective of the lecture was to provide insights into the principles, components, and applications of FM transmitters and receivers in modern communication systems. | | |
| Chief Guest /Speaker Details | , , | | |
| Date | 22/04/2025 | Time | 02.00 PM to 04.00 PM |
| Venue | VLSI Lab | No. of Participants | 100 |

REPORT

TITLE

Subject Lecture on "FM Transmitter and Receivers"

CONTENT

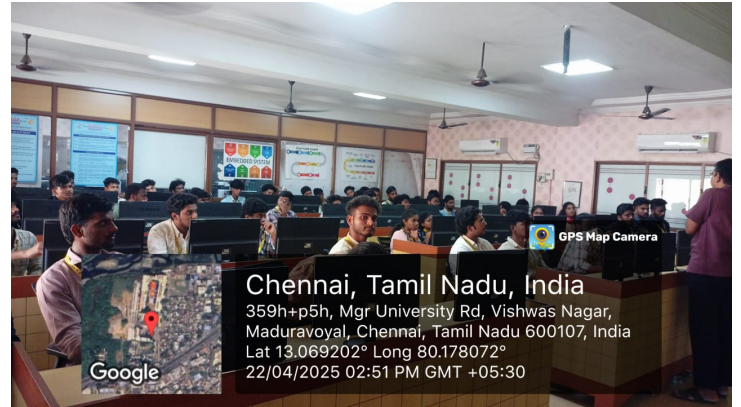
The Department of Electronics and Communication Engineering, in association with ECOMET, organized a Subject Lecture on "FM Transmitters and Receivers" on April 22, 2025, at the VLSI Lab, Anna Block. The session aimed to provide in-depth insights into the principles and applications of FM technology in modern communication systems. The lecture commenced with an introduction of the speaker, Mr. N. Lakshmi Narayanan, Assistant Professor. Mr. Lakshmi Narayanan elaborated on the working of FM, highlighting its advantages over AM, particularly in terms of noise immunity and signal quality. He discussed the architecture and components of FM transmitters and receivers, including modulation and demodulation processes. Real-time case studies, visual aids, and animations were presented to simplify complex concepts. The session concluded with an interactive Q&A, allowing attendees to deepen their understanding of FM technology. The event was successfully organized under the guidance of Dr. U. Jayalaxumi.



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EVENT OUTCOME

The lecture on "FM Transmitters and Receivers" enhanced understanding of FM technology, its components, and applications, with engaging discussions and real-time case studies.

PHOTOS

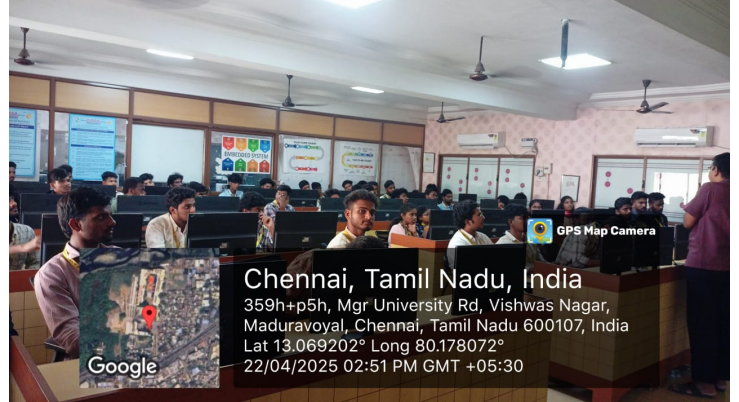




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Dr. M. Janaki Rani