



MGR ASSOCIATION FOR GREAT INNOVATIVE CREATORS

Department of Electronics and Communication Engineering

Event Title	Subject Lecture on "Linear Integrated Circuits"		
Objective of Event	The primary objective of IC design is to perform a specific operation by assembling interconnected circuit elements. IC design is fundamental to all microelectronics designs that we use today.		
Chief Guest /Speaker Details	Dr.Nalinashini, Associate professor, DR.MGRERI		
Date	27/03/2024	Time	02.00 PM to 04.00 PM
Venue	VLSI Lab	No. of Participants	60

REPORT

TITLE

Subject Lecture on "Linear Integrated Circuits"

CONTENT

The Department of Electronics and Communication Engineering Association ECOMET conducted a subject lecture on "Linear Integrated Circuits" at VLSI Lab on 27.03.2024. The speaker of this event is our distinguished Professor Dr.Nalinashini/ECE Department who gave valuable insights into the basics of Integrated Circuits, Linear ICs are designed to produce an output signal that is a linear function of the input signal. Unlike digital ICs, which operate with binary signals, linear ICs work with analog signals..She has delved into the intricacies of the working of multivibrators.She has highlighted the applications of integrated circuits in different areas of engineering and technology.Mr.P.Jaisankar,Assistant Professor organised the event under the dynamic leadership of Dr.U.Jayalatsumi,Head of the Department and extended gratitude to Dr. Nalinashini for instilling the sense of enthusiasm among the student community about the significance of this core technology. The Department wholeheartedly thanks our Honorable President for his magnanimous support in organizing the event.



Dr. M.G.R. EDUCATIONAL AND RESEARCH INSTITUTE (Deemed to be University) Maduravoyal, Chennai - 600 095, Tamilnadu, India. (An ISO 9001-2015 Certified Institution)



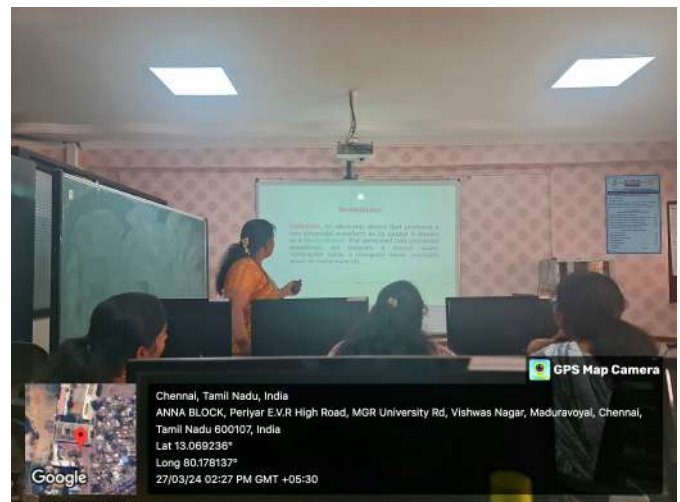
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EVENT OUTCOME

To understand the basic concepts of operational amplifier and its various applications Their main purpose is to produce a well-regulated output voltage supply for other chips in the system. Since all electronic systems require electrical power, power supply ICs (power management integrated circuits, PMIC) are important elements of those systems.

PHOTOS





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Mr. P.Jaisankar