



# 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" ARM-Based Processing: Enabling the Future of Smart DevicesThe ARM Architecture: Foundations and Real-World		
Objective of Event	The objective of the event was to familiarize students with the fundamentals of ARM architecture and its processing techniques. It aimed to highlight the role of ARM-based systems in shaping modern smart devices and communication technologies.		
Chief Guest /Speaker Details	Dr.A.SriKrishnan, Assistant professor, Dr. MGR educational and research institute		
Date	22/09/2025	Time	02.00 PM to 04.00 PM
Venue	VLSI LAB	No. of Participants	100

## REPORT

### TITLE

Subject Lecture on" ARM-Based Processing: Enabling the Future of Smart DevicesThe ARM Architecture: Foundations and Real-World Applications"

### CONTENT

The Department of Electronics and Communication Engineering, in association with ECOMET, organized a Subject Lecture on "ARM-Based Processing: Enabling the Future of Smart Devices – The ARM Architecture: Foundations and Real-world Applications" on September 22, 2025, at the VLSI Lab, Anna Block. The session aimed to provide valuable insights into the principles and applications of ARM-Based Processing in modern communication systems. The lecture commenced with the introduction of the speaker, Dr. A. SriKrishnan, Assistant Professor, who elaborated on the working of ARM-Based Processing, emphasizing its advantages in terms of efficiency, scalability, and its growing importance in communication technologies. He discussed the architecture, components, and real-world relevance of ARM-Based Processing in detail. The session concluded with an interactive Q&A that encouraged participants to explore concepts in depth. The event was successfully conducted under the guidance of Dr. U. Jayalaxumi.



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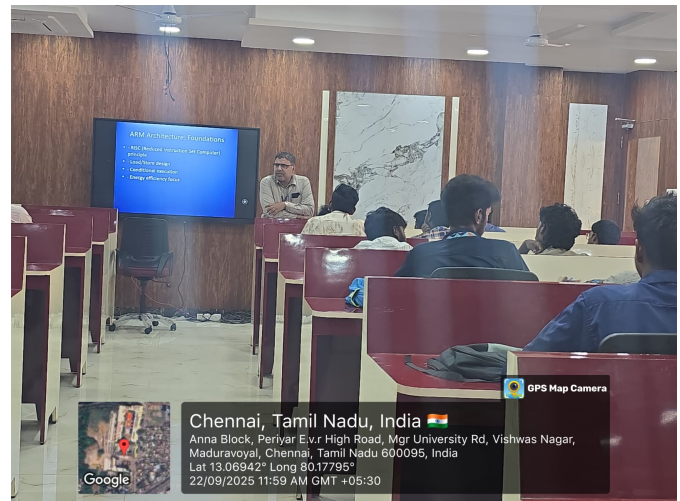
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### EVENT OUTCOME

The session enhanced participants' knowledge of ARM architecture and its role in modern communication systems. It provided practical insights into real-world applications, fostering deeper technical understanding.

### PHOTOS

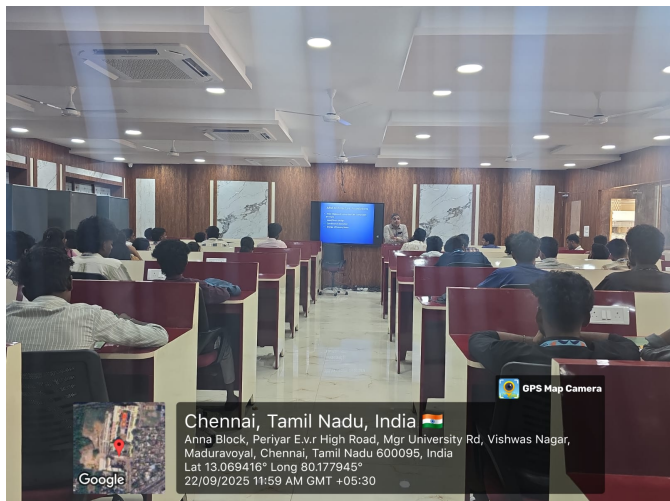




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Ms.K.K.Sandhoshree