



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	Certificate Training Program on "Getting Started with Electronics to Develop Products"		
Objective of Event	The objective of this program was to introduce participants to the fundamentals of electronics and IoT system architecture while strengthening their understanding through practical exposure. It aimed to equip learners with essential skills in sensors, wireless		
Chief Guest /Speaker Details	Mr.E.Nixon, Founder/Director, Techknots academy LLP		
Date	27/10/2025 to 31/10/2025	Time	10.00 AM to 12.00 PM
Venue	VLSI LAB	No. of Participants	50

REPORT

TITLE

Certificate Training Program on "Getting Started with Electronics to Develop Products"

CONTENT

The Department of Electronics and Communication Engineering organized a Five-day certification training program on "Getting Started with Electronics to Develop Products" from 3rd November to 7th November. This certification program combines theoretical foundations with hands-on practical training, fostering comprehensive understanding of IoT architecture, design methodologies, and real-world deployment strategies. The program encompasses modules on IoT system architecture, wireless communication protocols, sensor networks, cloud integration, smart home platforms, security considerations, and practical implementation projects. Interactive sessions combine theoretical instruction with demonstrations, ensuring participants gain both conceptual understanding and practical proficiency.

We extend our sincere gratitude to all the speakers for sharing their priceless knowledge and perspectives, which enabled everyone to have an interesting and intellectually stimulating experience. The event was meticulously organized under the esteemed guidance of Dr.U.Jayalatsumi ,Head of the Department of Electronics & Communication Engineering, and successfully coordinated by Dr.P.Jegadeeshwari AP/ECE and Dr.B.Bhuvaneshwari ASP/ECE. The Department extends its sincere gratitude to our Honorable President and all executives for their continuous support in organizing such events.



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EVENT OUTCOME

As an outcome of the program, participants gained hands-on proficiency in designing IoT prototypes by working with sensors, communication modules, and cloud platforms. They developed a strong understanding of IoT architecture, security aspects, and implementation strategies relevant to real-world applications. Overall, learners enhanced their ability to design, integrate, and troubleshoot practical IoT-based electronic solutions.

PHOTOS



Dr. P.Jegadeeshwari / Dr. B. Bhuvaneshwari