



# 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	National Conference SILICON '24		
Objective of Event	To provide an interdisciplinary platform for researchers, practitioners, and educators to present their work.		
Chief Guest /Speaker Details	Dr.S.Angalaeshwari, Associate Professor, VIT University Dr.K. Anbumani, Associate Professor, Sairam Engineering College Dr.B.		
Date	26/02/2025 to 27/02/2025	Time	10.00 AM to 04.00 PM
Venue	University Auditorium	No. of Participants	200

## REPORT

### TITLE

CIPHER 6 :Connecting Platforms for Harnessing Eco-friendly and Resilient 6G with AI ,Blockchain and IoT.

### CONTENT

Department of ECE ,Dr.MGR Educational and Research Institute conducted a National Conference SILICON 25 on 26 & 27 Feb 2025 with the theme CIPHER 6 : Connecting Platforms for Harnessing Eco-friendly and Resilient 6G with AI ,Blockchain and IoT.

Day 1 commenced with the inauguration of the conference,with the Chief Guest , Mr.V.S.Venkatesh ,Deputy Director,Silicon and Systems,HCLTech along with Dr. Geethalakshmi ,Vice Chancellor, Dr.V.Cyril Raj ,Additional Registrar, and Dr.U. Jayalatsumi,Professor & Head ,Department of ECE.,lighted the kuthivilakku.Then the ceremony commenced with the welcome address by the HOD,Dr.U.Jayalatsumi followed by address about the conference by Dr.A.Srikrishnan ,Asst .Professor,Dept.of ECE ,then our honorable Vice chancellor Dr.S.Geethalakshmi in her Presidential Address motivated the students to innovate in the core sector applying AI as a supporting tool.Next,Dr.V.Cyril Raj in his address mentioned broadly the applications of AI follwed by Dr.N.Ethiraj Dean(E&T) who echoed the similar sentiments.Dr.K. Sudhaman ,Dy.HOD,ECE Introduced the chief guest Mr.V.S.Venkatesh and he was felicated and was presented a memento .Then Mr.V.S.Venkatesh in his key note address mentioned in detail about HCLTech about the medical electronics products it has developed.He also highlighted the role of AI to help in Design and Product Development .He cautioned however not to relay too much on AI especially in



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research. He specifically cautioned against the usage of AI tools in generating research papers as it kills the originality of the work done by the researchers. He motivated the budding researchers to look and define real time problems rather than giving solutions. After the address, the paper presentation sessions commenced.

The Session details are as follows

Session 1 (26.02.25, FN)

Dr. Angaleswari, Assoc. Professor VIT Chennai acted as a session judge for the paper presentation.

Session 2 (26.02.25, AN)

Dr. B. Kalpana, Assoc. Professor, RMD Engg. College, Chennai

acted as a session judge

Session 3 (27.02.25 FN)

Dr. K. Anbumani, Assoc. Professor, Sairam Engg. College

acted as a session judge

Session 4 (27.02.25 AN)

Dr. D. Sheela, Professor, SIMATS

acted as a session judge.



### EVENT OUTCOME

The National Conference SILICON 25 successfully provided a platform for researchers and students to explore cutting-edge advancements in 6G, AI, Blockchain, and IoT. The keynote sessions and paper presentations facilitated insightful discussions on real-time problem-solving and ethical AI usage in research. The event fostered innovation, collaboration, and knowledge exchange, encouraging participants to



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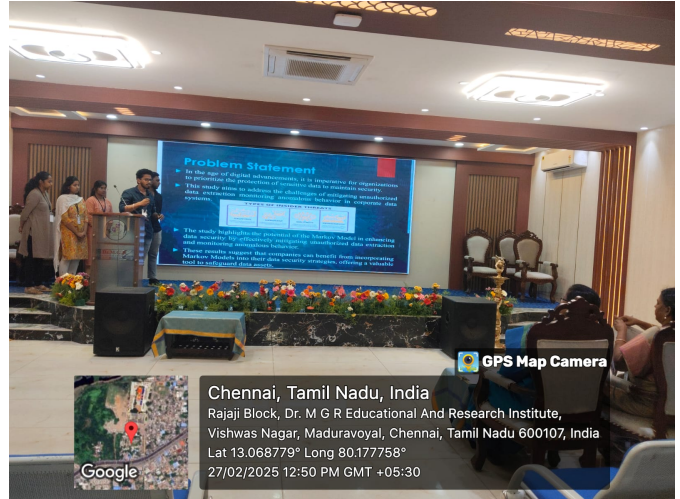
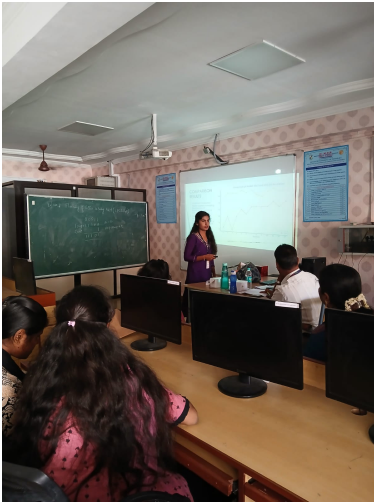
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contribute meaningfully to technology and sustainability.

### PHOTOS



Dr. K. SriKrishnan/ Dr.B. Bhuvaneshwari