

Dr. M. Kannan

**Assistant Professor (Senior Grade), Department of
Electrical and Electronics Engineering
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Contact Information

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Professional Summary

Dr. M. Kannan is an accomplished academician and researcher with **12 years of teaching experience** in the field of **Electrical and Electronics Engineering**. He is currently an **Assistant Professor (Senior Grade)** at the Saveetha School of Engineering, SIMATS, Chennai. Dr. Kannan is highly dedicated to academic excellence and innovation, specializing in areas such as control systems and power electronics.

He holds:

- **B.E.** in Electrical and Electronics Engineering from **Anna University**.
- **M.E.** in Power Electronics and Drives from **Anna University**.
- **Ph.D.** in the study of controllers from **SRM University**, Chennai.

Research Interests

Dr. M. Kannan's research focuses on cutting-edge areas, including:

- **E-Vehicles**
- **Control System Engineering**
- **Multilevel Inverters**
- **Switched Capacitors**

He is passionate about advancing sustainable technologies and energy-efficient systems through innovative research and development.

Publications and Presentations

Dr. Kannan has a significant record of academic contributions, including:

- **4 SCI-indexed publications**, which reflect the impact and quality of his research.
- Numerous presentations at **national and international conferences**, showcasing his work in electrical and electronics engineering.

Professional Achievements and Contributions

- Dr. Kannan has been instrumental in mentoring students and guiding them in advanced research projects.
- His research contributions in areas like multilevel inverters and switched capacitors are focused on improving efficiency and reducing complexity in power systems.
- He actively collaborates on interdisciplinary projects, promoting innovation in sustainable technologies.

Online Profiles

- **ORCID ID:** [0000-0001-6531-771X](https://orcid.org/0000-0001-6531-771X)