

## **Dr. R. Sivakumar:-**

**Professor, Department of Electrical and Electronics Engineering**

**Saveetha School of Engineering, Saveetha Institute of Medical and Technical Sciences (SIMATS)**

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## **Professional Summary**

Dr. R. Sivakumar is a highly experienced academic and researcher with over **23 years of teaching experience** and **2 years of industry experience** in the field of **Electrical and Electronics Engineering**. Currently serving as a **Professor** in the Department of Electrical and Electronics Engineering at Saveetha School of Engineering, SIMATS, Chennai, he is known for his dedication to teaching, research, and academic administration.

Dr. Sivakumar has held key leadership roles, including serving as **Head of the Department** for more than a decade, where he gained extensive administrative expertise. His commitment to academic excellence and innovative research has made him a respected figure in his field.

## **Research Interests**

Dr. Sivakumar's research interests are diverse and focus on cutting-edge areas such as:

- **Controller Design**
- **Nonlinear Modeling**
- **Machine Learning Algorithms**
- **Image Processing**
- **Robotics**

His passion for research is evident in his numerous publications in **peer-reviewed journals**, many of which are indexed in **SCI** and **Scopus**, as well as his presentations at international conferences.

## **Publications and Patents**

Dr. Sivakumar has contributed significantly to his field through the publication of **numerous research papers** in reputed journals and conferences. Additionally, he has several **patents** to his name, underscoring his ability to develop innovative solutions to complex engineering challenges.

## Professional Memberships

Dr. Sivakumar is an active member of several prestigious professional organizations, reflecting his dedication to staying at the forefront of his discipline. His memberships include:

- **Indian Society for Technical Education (ISTE)** – Life Member
- **Instrument Society of India (ISoI)** – Life Member
- **International Society of Automation (ISA)** – Senior Member
- **Institute of Electrical and Electronics Engineers (IEEE)** – Member

## Academic Contributions and Achievements

Dr. Sivakumar has made substantial contributions to academia through his leadership roles, publications, and teaching. Key highlights include:

- Publishing research in high-impact **SCI** and **Scopus-indexed journals**.
- Presenting research papers at numerous **international conferences**, showcasing innovative ideas and methodologies.
- Mentoring students and colleagues to excel in academics and research.
- Developing expertise in advanced areas such as machine learning and robotics.

## Online Profiles

- **Scopus ID:** 57119159400
- **ORCID ID:** 0000-0002-6379-3058