Mr. RAMESHA K S

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Education

	Degree	Year	Institute	Specialization
1	M.Tech.	2018	VTU Centre for PG Studies, Mysusru	Industrial Automation and Engineering
3	B.E	2016	Siddaganga Institute of Technology, Tumakuru.	Instrumentation Technology.
4	Diploma	2012	ShriDevi Polytechnic, Tumakuru	Electronics and Communication Engineering.
5	SSLC	2007	Shri Kalidasa Vidya Vardhaka High School, Koratagere, Tumakuru Dist.	General

Professional Experience

	Date (from-to)	Designation	Organization
1	31-10-2022 to till date	Assistant Professor	Department of Electronics and Instrumentation Engineering, Siddaganga Institute of Technology, Tumakuru-572103, Karnataka, India
2	30-10-2021 to 30-10-2022	Assistant Professor	Department of Electrical and Electronics Engineering, Shri Shivakumara Mahaswamiji College of Engineering, Byranayakanahalli, Bengaluru rural.
3	17-08-2019 to 28-10-2021	Assistant Professor	Department of Electrical and Electronics Engineering, Saranga Institute of Polytechnic, Guluru, Tumakuru

Positions held

- *Coordinated departmental level works as mentioned below:*

- Department level Internal assessment Sub Coordinator (UG/PG)
- Department level Magazine Sub Coordinator

- Various other work allotted at Department and Institute level.

Affiliations of Professional organizations

- NIL

Courses Taught

Undergraduate Courses

- Advanced Microcontroller
- Optical Instrumentation
- Analog and Digital Communication
- Smart Sensors
- Instrumentation in Agriculture and Food Processing
- Industrial Safety and Communication
- Research Methodology and IPR

Research Guidance

Sl. no	Name of the Scholar	Title	Year of completion
1.	NIL	NIL	NIL

Research Areas

- Micro/Nano Electro Mechanical Systems (MEMS/NEMS)-BIOMEMS
- Sensors
- Instrumentation and Process Control
- Thin Film Technology
- Control System
- Automation (PLC, DCS and SCADA)
- Mechatronics
- Robotics
- VLSI
- Internet of Things
- Biosensors

Sponsored Projects

Ongoing Projects: NIL
Completed Projects: NIL

Publications

Journals

- NIL

Book Chapters

Books

- NIL

Editorial

- NIL

Reviewer of Journals

- NIL

Editor/ Reviewer of Journal

- NIL

Patents

- NIL

Invited Lectures, talks and workshops

✓ Workshops:

- Attended One-day Workshop on "**Training for Trainers on Innovation and Design Thinking (IDT)**" Organized by Visweswraiah Technological University at S J C Institute of Technology, Chikkaballapur, 2025.
- Attended Five day's Workshop on "**Research Methodology and IPR**" organised by Siddaganga Institute of Technology, 2024.

✓ FDP's (Faculty Development Program):

- Participated in One Week In-House Faculty Development Program (Workshop Series – 47) on **"Hands on Digital VLSI design: From RTL to FPGA Implementation"** organized by Department of Electronics & Communication Engineering, SIT, Tumakuru, August-2026.
- Participated in One Week In-House Faculty Development Program (Workshop Series – 47) on **"Quantum Leap: Introduction to Quantum Computing and Its Applications"** organized by the Internal Quality Assurance Cell (IQAC) and Depts. of Physics, Mathematics, Computer Science & Engg., Electrical & Electronics Engg., Electronics & Instrumentation Engg., Information Science & Engg., Electronics & Telecommunication Engg. and MCA from 19th to 23rd August 2025.
- NPTEL FDP on "**Sensors and Actuators**" completed with consolidated score of **78% (Silver + Elite)**, by IIT Kharagpur, January-April 2026. (12 Week Course). (2026).
- NPTEL FDP on "**Micro sensors and Nano sensors**" completed with consolidated score of **68% (Elite)**, by IIT Guwahati, July-October 2025 (12 Week Course). (2025)