SURESH KUMAR K P

Engineer, Teacher

Dynamic advocate for the transformative power of education and science, driven by a strong belief in their potential to elevate living standards and fuel national progress. Passionate Teacher with experience developing and implementing diverse curriculums covering wide range of subjects. Highly skilled at motivating students through positive encouragement and reinforcement of concepts via interactive classroom instruction and observation. Successful in helping students develop strong literacy, numeracy, social and learning skills. Eager to collaborate with like-minded professionals to develop sustainable solutions that propel society toward a brighter future.

Work history

Sep 2022 to Jan 2026

Faculty

CE Cell, MRAC Dept, SSM Polytechnic College, Tirur, Kerala

- In my teaching career, I was responsible for mentoring and training around 150 students per year in the application of Electrical and Electronics to impart the necessary technical skills to make them employable as technicians in the Refrigeration and Air-Conditioning field.
- Developed strong relationships with students, parents, and colleagues by maintaining open lines of communication and fostering a supportive learning environment.
- Managed classroom behavior effectively by establishing clear expectations, modeling appropriate conduct, and consistently enforcing established rules and consequences.

July 2007 to July 2010

Software Engineer

Larsen & Toubro Infotech Limited, Chennai, Tamil Nadu, India

- Production support and development of logistics and supply chain management software for logistics and IT operations of Freescale Semiconductors, Inc.
- Ensuring quality process requirements, adhering to

Contact

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Skills

Electrical & Electronics
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Embedded systems
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Design & development of electronic circuits & systems
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Embedded systems programming
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Electronics equipment maintenance & repair
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stringent service level agreements.

- Oversaw production support activities for Europe, the Middle East, and Asia logistics operations for Freescale Semiconductors, Inc.

Education

April 2007   **Bachelor of Engineering: Electrical & Electronics Engineering (E.E.E)**

Jaya Engineering College (Anna University) - Chennai, India

- **FIRST CLASS WITH DISTINCTION**
- **GPA: 83%**
- **Project work**: **Obstacle and Collision avoidance system for automobiles.**

March 2003   **Higher Secondary Examination**

V.O.C Vidyalaya Matriculation Higher Secondary School - Perambur, Chennai.

- **GPA: 92.7%**

March 2001   **SSLC**

V.O.C Vidyalaya Matriculation Higher Secondary School - Perambur, Chennai

- **GPA: 89.8%**

Roles And Responsibilities held

- Production Support & Development of Logistics & Supply Chain Management software for IT operations of Freescale Semiconductors Inc.
- Responsible for teaching & training around 150 students a year in the field of Electrical & Electronics, in teacher's role.
- Mentoring the students to sharpen their employability skills.
- Preparing a curriculum & setting up an electronics lab in the application of BLDC technology for our one-year Professional Diploma course in MRAC.

Interests

Robotics, Raspberry Pi computing, Arduino programming, 3D Printing, PCB design, SMD rework.

Technical presentation
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Communication skills
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Writing skills
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Student engagement
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Curriculum implementation
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Curriculum development
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Languages

English

Tamil

Malayalam

Software

MS Office

Embedded C

Eagle CAD for PCB design

Electronics Workbench