



Supriya Rajput

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Education

M.Tech – Industrial electronics, CGPA-9.79

KLS, VDIT, Haliyal, Uttara kannada

2024

B.E –Electronics and Communication Engineering, CGPA-8.51

SGBIT, Belagavi

2020

Experience

Maratha Mandal's Engineering College, Belagavi

Electronics & Communication Engg. , Assistant Professor

Present

Government Tool Room & Training Centre, Gokak

Mechatronics, Lecturer

2022

SUCP, Polytechnic, Dandeli

Electronics & Electrical Engg., Lecturer

2021

Awards

Gold Medallist, VTU Convocation 2025

1. VTU Gold Medal for First Rank in M. Tech Industrial Electronics.
2. Jain University Gold Medal for Highest marks in M. Tech Electronics & Communication Engineering.

Research Papers published

1. **Analysis of Non-Linear 2-Dimensional Motion of a Rotating Member by the Newton-Gregory Interpolation Method and Java Application**
International Journal of Creative Research Thoughts (IJCRT), Vol. 14, Issue 3, March 2026, ISSN: 2320-2882.
2. **Non-Conventional Teaching Methodologies for Emerging Technologies and Innovative Thinking**
Journal of Applied Technology and Innovation, Vol. 10, Issue 1, pp. 91–102, 2026.
3. **Piezoelectric Energy Harvesting Pen**
Advanced International Journal for Research (AIJFR), Vol. 7, Issue 1, 2026.
4. **IoT-Based Air Pollution Monitoring and Purification System**
International Research Journal of Engineering and Technology (IRJET), 2025.
5. **AI-Powered Traffic Sign Classification with Interactive GUI Integration**
International Journal of Innovative Research in Technology (IJIRT), Vol. 12, Issue 01, p. 517, 2025.
6. **Machine Learning and Neural Network Approach to Fruit Quality Assessment Using Polarization Features of the**

Image

International Journal of Innovative Research in Technology (IJIRT), Vol. 11, Issue 6, pp. 1728–1733, 2024.

7. **GSM Based Needleless Blood Glucose Monitoring System**

International Research Journal of Engineering and Technology (IRJET), 2020.

Conference Presentations

1. Sustainable Leadership in the Digital Era: Aligning Technology, Ethics, and Stakeholder Value Presented at the 3rd International Leadership Conference on "Leading in a Disrupted World: Reimagining Leadership for Complexity, Sustainability, and Human-Centric Innovation", SDMIMD, Mysore, September 19, 2025.
2. Inclusive Leadership as a Catalyst for Sustainable Innovation and Organizational Excellence Presented at the 3rd International Leadership Conference on "Leading in a Disrupted World: Reimagining Leadership for Complexity, Sustainability, and Human-Centric Innovation", SDMIMD, Mysore, September 19, 2025.

NPTEL Certifications

1. Digital System Design Using Verilog
2. Deep Learning
3. Digital Image Processing