

Kruthi S P

#127/2, Sri Gowri Nilaya, Shankaracharya road,
Vidyanagar, Hassan-573201
email-id: spk@mcehassan.ac.in

Education	<p>M. Tech in Computer Applications in Industrial Drives (2011-2013) BNM Institute of Technology, Bangalore 81.87%</p> <p>B.E. in Electrical and Electronics Engineering GSSS Institute of Engineering & Technology for Women, Mysore 64.31%</p> <p>PUC M.T.E.S PU College, Hassan 2005 59.9%</p> <p>Matriculation: SSLC CKS English Girls High School, Hassan - 573 201 Percentage: 76.96%</p>
Experience	<p>Assistant Professor, Department of E&E Engg., Malnad College of Engineering Salagame road, Hassan – 573 202. From 14 June 2021– Present</p>
Research Interest	Battery Management Systems, Electric Vehicles, Renewable Energy Systems
Technical Skills	<p><u>Languages & Software:</u> Knowledge of Embedded C, MATLAB/Simulink, Labview, PSIM, Keil μ vision, CCS.</p> <p><u>Controllers and kits:</u> 8051, DSP Arduino.</p> <p><u>Algorithms:</u> ANN, Fuzzy Logic</p>
Projects	<p>M.Tech - Speed control brushless dc motor using Genetic algorithm based Fuzzy controller</p> <p>B.E. - Pilferage of electricity aversion and supervise using mobile GSM</p>
Hobbies and interests	Listening to music, hiking, trekking.

Short Term Course

National Institutes of Technical Teachers' Training (NITTT) certified by AICTE completed 8 modules of **Phase I**.

FDPs and Workshops attended

1. One-week online workshop on **“Inculcating Universal Human Values in Technical Education”**, organized by All India Council for Technical Education (AICTE), during 20/12/2021 to 24/12/2021.
2. Five-day ATAL Academy online FDP on **“Recent Advancements in Sustainable Energy Storage and Conversion”**, organized by Manipal Institute of Technology, Manipal (AICTE), during 25/10/2021 to 29/10/2021.
3. Five-day ATAL Academy online FDP on **“ Research Perspectives: Renewable Energy in Electric Vehicle Charging”**, organized by Sri Ramakrishna Institute of Technology, Coimbatore (AICTE), during 22/11/2021 to 26/11/2021.
4. Four day FDP on **“Application of Power Electronics in Smart grid, Renewable Energy Resource and Industrial Drives”**, organized by PESITM Shivamogga during 12-09-2022 to 15-09-2022.
5. One week Faculty Development Program on **“Outcome based Education”**, organized by Malnad College of Engineering, during 19-09-2022 to 23-09-2022

Courses Handled

1. **Industrial management in Engineering and Professional Practices**
2. **Basic Electrical Engineering**
3. **Renewable Energy Sources**
4. **Power System Simulation Lab**
5. **Transformer and Induction Machine Lab**
6. **Power Electronics Lab**