Roopa Nayak

Assistant Professor

Experience (Teaching and Industry)

- RNSIT (2003- till date)

Qualifications

- B.E. from Manipal Institute of Technology
- M.Tech. from JSS Academy of Technical Education
- PHD (pursuing) from VTU

Specialization (Academics)

- Analog Electronic Circuits
- Op-Amp and Linear Integrated Circuits
- Digital System Design
- Power System Protection

Specialization (Research)

- Electric Drives

Publications

- Roopa Nayak, Dr. Andhe Pallavi, "Multi-Motor Octagonal Blender Drive", International Journal of Advanced Science and Technology, vol. 29 No. 05 (2020), pp. 6336-6345.
- Roopa Nayak, Andhe Pallavi, "Cost Analysis Based Algorithm for Load Shared Multiple Induction Motor Set-up", International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, vol. 8, issue-4, pp. 478-482, November 2019.
- DOI:10.35940/ijrte.D7100.118419
- Roopa Nayak, Andhe Pallavi, "A Comparison of V/f and Field Oriented Control of Three Phase Induction Motors Employed in Load Sharing" International Journal of Computer Sciences and Engineering, vol. 7, issue-13 , pp. 49-56, May-2019.
- DOI: https://doi.org/10.26438/ijcse/v7si13.4956
- Roopa Nayak, Andhe Pallavi, " Novel V/f Strategy Using Command Speed Compensator for Improved Load Sharing with Dual Induction Motor", IJISET, vol.3, issue 2, February, 2016.

Awards Received

- RNS Best Techer Award for the year 2007-2008.
- Best Paper Award for the paper titled, "A Comparison of V/f and Field Oriented Control of Three Phase Induction Motors Employed in Load Sharing" in the Second International Conference on Research in Business, Management and Information Technology held during April 25-26, 2019.