Name- Shilpa Hosur

Designation- Assistant professor

Experience (Teaching and Industry)

RNSIT (24-08-2026 - till date)
Assistant Professor | PES University, Bengaluru *Oct 2018 – Dec 2019*
Product Manager *| Athishaya Solution Pvt. Ltd. (Startup) Sept 2017 – Sept 2018*
Lecturer | Appa Institute of Engineering & Technology, Gulbarga *Aug 2012 – Jun 2013*

Qualifications

B.E. from Appa Institute of Engineering and Technology College , Gulbarga.
M.Tech. from PDA Engineering College, Gulbarga

Specialization (Academics)

Communication Systems

Specialization (Research)

Integrated sensing and communication

Publications

Journal Publication

- **S. Hosur** and S. Gurugopinath, "Deep Learning-Based Joint Detection in Integrated Communications and Sensing," Engineering Research Express, April 2026. DOI: https://doi.org/10.1088/2631-8695/ae5c5e

Conference Publications

- G. Thiagarajan, **S. Hosur** and S. Gurugopinath, "A Multi-Stage Constant False-Alarm Rate Detector for Millimeter Wave Radars," in Proc. IEEE International Conference on Signal Processing and Communications (SPCOM), Bangalore, India, 2022.
- K. G. Akshay, S. Jayakrishnan, S. S. Gattani, T. Magesh**, S. Hosur** and S. Gurugopinath, "Performance of Intelligent Reflecting Surfaces Assisted Joint