Faculty Profile

Name: **Dr. Suresh N**

Designation: Assistant Professor

Teaching Areas: Deep Learning, Computer Vision, Data Structures

Research Interests: Computer Vision, Image and video Processing, Video Quality Assessment, Optical Character Recognition (OCR)

Education:

- Ph.D., IIT Hyderabad 2025
- M.E. IISc Bangalore, 2013
- B.Tech, Andhra University College of Engineering, Visakhapatnam, 2010

Research / Selected Publications:

1. **Suresh N**, Sumohana S. Channappayya. *"Efficient No-Reference Video Quality Assessment Using Video Masked Autoencoder Feature Mixing."* (**Accepted** in *59th Asilomar Conference on Signals, Systems, and Computers* – 2025)
2. **Suresh N**, S. S. Channappayya. *"Graph-based No-Reference Video Quality Assessment Using Spatial Features," 2024 International Conference on Signal Processing and Communications (SPCOM)*, Bangalore, India, 2024. DOI: 10.1109/SPCOM60851.2024.10631648
3. **Suresh N**, P. M. Mylavarapu, N. S. Mahankali, S. S. Channappayya. *"A Fast and Efficient No-Reference Video Quality Assessment Algorithm Using Video Action Recognition Features," 2022 National Conference on Communications (NCC)*, IEEE, pp. 402–406, 2022. DOI: 10.1109/NCC55593.2022.9806466.