Faculty Profile

Name: **Dr. BERI. SURYA SAMANTHA**

Designation: Assistant Professor

Teaching Areas: Computer Networks, Software Engineering, Wireless Communications, Information Security, Operating Systems, OOAD

Research Interests: Interest Forwarding in Information Centric Networks, Wireless Communications, Social Networks

Education:
- Ph.D. in Computer Science and Engineering, SRM University-AP, Amravati, 2025
- Master of Technology, Vaagdevi College of Engineering, JNTUH, 2014
- Bachelor of Technology, BITS-NSPT, JNTUH, 2007

Research / Selected Publications:

1. B. Surya Samantha, N. Dutta, R. Mahadeva, S. P. Patole and G. Ghinea, "Graph Based Cooperative Forwarding in Information Centric Vehicular Networks," in *IEEE Access*, vol. 13, pp. 110913-110925, 2025, DOI: 10.1109/ACCESS.2025.3583030.
2. Beri Surya Samantha, and Nitul Dutta, "Efficient modeling of interest forwarding in information centric vehicular networks". *IEEE Open Journal of Vehicular Technology, IEEE Vehicular Technology Society.* DOI: 10.1109/OJVT.2024.3487245.
3. Beri Surya Samantha, and Nitul Dutta. "Evolutionary game based interest forwarding in information centric vehicular networks." *Vehicular Communications* 47 (2024): 100779. https://doi.org/10.1016/j.vehcom.2024.100779 .
4. S. S. Beri, N. Dutta and K. Delavadia, "Content Retrieval in Information Centric Networks Using Machine Learning Models," 2024 International Conference on Emerging Techniques in Computational Intelligence (ICETCI), Hyderabad, India, 2024, pp. 66-73, DOI: 10.1109/ICETCI62771.2024.10704080.
5. Surya Samantha B., Nitul D., and Sanjeev Kumar. Estimation of Channel Availability in Cognitive Radio Networks. In High Performance Computing, Smart Devices and Networks– 2023. DOI: 10.1007/978-981-97-7794-5_12.