



**V R Siddhartha School of Engineering
Siddhartha Academy of Higher Education
(An Institution Deemed to be University)
Department of ECE**

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NEWSLETTER

NEW FACULTY IN DEPARTMENT -

Dr. Vijaya Kumar Munagala received Ph.D. in Electronics and Communication Engineering from NIT Warangal, specializing in meta-heuristic algorithms, AIML and IoT. His broader research interest includes intelligent control systems, and image processing. He is a passionate academician and researcher with over 13 years of experience spanning teaching, research, and industry.



Dr. Chakravarthy Gunturu is an Assistant Professor at Indian Institute of Information Technology Design and Manufacturing Kurnool. He holds a Ph.D. and has 12 years of academic and research experience. His research domain is Wireless Communication, with a particular focus on Visible Light Communication (VLC) systems. His doctoral thesis, titled "Complexity Reduction in Visible Light Communication Transceivers," explored techniques to improve the efficiency and performance of VLC transceiver designs while reducing computational complexity.



Publications -

Journals:

- Fatima, Shahnaz, and Shri Ramtej Kondamuri. "IRS-assisted MIMO for high-speed communications in distance-dependent Rician fading channels." *Annals of Telecommunications* (2026): 1-16. <https://doi.org/10.1007/s12243-026-01186-5>

Conferences:

- K.Sneha presented research paper titled "Design and Analysis of a 2x4 Fractal MIMO Antenna Array with Defected Ground Structure for Drone Application" in person at the 2026 IEEE International Conference on Electro/Information Technology (EIT 2026), conducted at the University of Wisconsin-La Crosse, USA, during May 21-23, 2026.



Publications with students -

Conferences:

- Pratikhya Raut, D. B. Sugrivu, V. Yaramala and P. Yanamareddy, "Performance Analysis of Stability and Delay Trade-offs in 6T SRAM Cell at 45 nm and 90 nm," 2025 IEEE 1st International Conference on Recent Trends in Computing and Smart Mobility (RCSM), Bhopal, India, 2025, pp. 1-5, doi:10.1109/RCSM67767.2025.11507463

Google Student Ambassadors -

III Year Students Ch. Baby Kundana (248W5A0401) and Dharnasi Surya Teja (248W5A0402) were selected as Google Student Ambassadors.



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News Letter Editorial Board**

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