

## Faculty Profile



**Name:** Dr.T. Aruna Sri

**Designation:** Senior Assistant Professor

**Teaching Areas:** Data Science, Big Data Analytics, Data Mining, Machine Learning and Artificial Intelligence

**Research Interests:** Machine Learning, Data science ,Data Analytics.

### Education:

- Ph.D., Computer Science and Engineering, VIT Vellore, 2024.
- M.Tech., Computer Science JNTU Ananthpur in 2011.
- B.Tech., Computer Science and Information Techonology, KCE, JNTU-H, 2005.

### Research / Selected Publications:

- “An Adaptive AI-Driven Cyber Threat Detection Framework for Securing Heterogeneous IoT Networks” in Engineering, Technology & Applied Science Research,(2025).(Scopus-Q2)
- “Enhanced land use and land cover classification using modified CNN in Uppal Earth Region” in Multimedia Tools and Applications (2024).(Scopus)
- “Hybrid learning model for analyzing the Uppal Earth region, in Telangana State using multispectral Landsat-8 OLI images” in International Journal of Computer Applications in Technology, vol.71(2),2023.(SCOPUS-Inder science Journal).

### Conferences

- “Optimizing disaster recovery processes using satellite imaging and U-net architecture”(2024) in AIP (SCOPUS)
- “Real-Time Energy Management in Buildings Using Reinforcement Learning Techniques”, Proceedings in International Conference on Innovative Computing Intelligent Communication and Smart Electrical Systems (ICSES) in 2024.
- “Gender Prediction Based On Morphometry of Eyes Using Deep Learning”, Proceedings in International Conference On Technologies for smart green Connected Societies (ICTSGS),2021on Nov 29-30,2021 Organized by SPAST –published in ECS transactions.