Name : Ms. Shivanthana S
Designation : Assistant Professor
Phone Number:8754058336
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RESEARCH INTERESTS

- Cyber Security
- Network Security
- Cryptography
- Generative AI
- Digital Forensics
- Deep & Machine Learning

PUBLICATIONS

1. S. S and C. Thomas, "GAI-Enhanced Intrusion Detection using Began-GRU Framework to Address Data Imbalance," *2024 3rd International Conference on Automation, Computing and Renewable Systems (ICACRS)*, Pudukkottai, India, 2024, pp. 644-650, doi: 10.1109/ICACRS62842.2024.10841645.
2. S., S. Raja, M. Krishnasamy, L. R., K. Venkatesan, R. (2025). Enhanced Intrusion Detection Using AI-Driven Data Balancing and VQ-VAE-Based Feature Extraction. *Journal of Cybersecurity and Information Management*, (), 13-27. **DOI: doi.org/10.54216/JCIM.160202**.

TEACHING INTERESTS

- Cryptography and Network Security
- Artificial Intelligence
- Digital Forensics
- Deep & Machine Learning
- Blockchain

EXPERIENCE

Name of the Institution	Designation	Year of Experience	
		From	**To**
Karunya Institute of Tech. and Sciences	**Assistant Professor**	**May 2, 2025**	**Till Date**

EDUCATION

Degree	Specialization	University	Year
Master Degree	**Cyber Security**	**Karunya Institute of Technology and Science, Karunya university**	**2025**
Bachelor Degree	**CSE**	**Sri Krishna College of Engineering and Technology**	**2023**