

Faculty Profile

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About me: I am an Assistant Professor in the Department of Computer Science and Engineering at the National Institute of Engineering (NIE). Prior to academia, I worked at Wipro Ltd. as a Project Engineer, where I gained three years of industry experience in software development and technology-driven solutions.

Qualification:

Ex: B.E. (VTU, Belagavi.), MTech (NIT, Surathkal),

Courses Taught: For PG: Advanced Data Structures and Algorithms.

For UG: Deep Learning

Publications:

Journal Publication:

Kartik Manguli., Kondaiah, C., Pais, A. R., & Rao, R. S. (2025). GraPhish: A graph-based approach for phishing detection from encrypted TLS traffic. *Journal of Information Security and Applications*, 94, 104216.

Conference Proceedings:

Kartik Manguli, Gangwar, S., & Pais, A. R. (2025, January). Graph-Based Techniques for Cybersecurity: A Survey on Intrusion and Vulnerability Detection. In *International Conference on Information Technology and Artificial Intelligence* (pp. 369-383). Singapore: Springer Nature Singapore.
