

FACULTY PROFILE

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ACADEMIC QUALIFICATIONS

<i>Qualification</i>	<i>Branch/Subject</i>	<i>Institution</i>	<i>University</i>	<i>Year of Passing</i>
B Tech	Computer Science and Engineering	LBS College of Engineering	Kannur University	2014
M Tech	Computer Science and Information Technology	LBS College of Engineering	Kannur University	2016
Ph.D	Computer Science- Cyber Security	Central University of Kerala	Central University of Kerala	Pursuing

WORK EXPERIENCE

<i>Organization</i>	<i>Designation</i>	<i>Job Period</i>
LBS College of Engineering Kasaragod	Assistant Professor	21-01-2026 to Present
Central University of Kerala	Research Scholar (Junior Research Fellow)	30-04-2022 to 20-02-2026
St.Pius X College Rajapuram	Guest Lecturer	08-02-21 to 15-07-21 01-11-21 to 31-03-22
LBSCEK	Assistant Professor (Contract)	16-08-19 to 30-06-20
NMIT	Assistant Professor	11-07-16 to 13-08-19

RESEARCH INTERESTS

Machine Learning, Deep Learning, Cybersecurity, Phishing Detection, Network Security

PUBLICATIONS

Peer Reviewed Journals

1. “A novel framework for phishing attack detection using domain-adapted GloVe embeddings and attention-enhanced neural sequence model”. Sruthi K & Manohar Naik S. (2026). *Applied Soft Computing*, SCIE, Impact Factor 6.6.
2. “A novel framework for effective phishing URL detection using an LSTM-based siamese network”, Sruthi K, & Manohar Naik S (2025). *Knowledge-Based Systems*, SCIE, Impact Factor 7.6.
3. “An efficient framework for phishing URL detection using adaptive drift-aware feature monitoring and online learning”, Sruthi K & Manohar Naik S. (2025). *Security and Privacy*, ESCI, Impact Factor 2.1.

International Conferences

1. “Phishing Detection: Exploring Feature Representation and Defense Strategies”, Sruthi K & Manohar Naik S (2026). *4th International Conference on Signal and Data Processing*, Springer.

2. "Evaluating the effectiveness of machine learning models for phishing detection using statistical metrics". Sruthi K & Manohar Naik S (2024). *International Workshop on Statistical Testing for Machine Intelligence*, IEEE SB CUK, Published in Proceedings of the International Workshop on Statistical Testing for Machine Intelligence.
3. "Enhancing Phishing Website Detection with Feature Credibility Score and Weighted Threshold using Neural Networks". Sruthi K & Manohar Naik S. (2023) *2nd International Conference on Futuristic Technologies (INCOFT)*, IEEE, Added to IEEE Xplore.

National Conferences

1. "Phishing Vulnerabilities and Adaptive Defense in Indian Digital Ecosystem." Sruthi K & Manohar Naik S (2026) *32nd Swadeshi Science Congress, National Seminar on Transformative Science and Technology Education for Viksit Bharat, Swadeshi Science Movement Kerala*.
2. "Sec-DiDrip: A Distributed Data Dissemination Protocol with Enhanced Security". (2016). *National Conference on Recent Advancements in Engineering and Technology nCORETech- 2016*.
3. "Building an efficient Artificial English-ISL Corpus using Rule Based Approach." (2015). *National Conference on Technological Advancements* organized by Sree Narayana Guru College of Engineering and Technology.
4. "Improved Syntax Based Translator with Lexical Grammars". (2015). *National Conference on Technological Advancements* organized by Sree Narayana Guru College of Engineering and Technology.

ACADEMIC SERVICE

- Peer Reviewer, *Multimedia Tools and Applications* (Springer)
- Peer Reviewer, *Security and Privacy* (Wiley)

AWARDS AND ACHIEVEMENTS

- Junior Research Fellowship (JRF).
- Award for contribution and services as Chair WIE AG, IEEE SB, Central University of Kerala.
- Best Teaching Performance Award, NMIT, Kanhangad.

INVITED TALKS/ RESOURCE PERSON

- Resource Person, Seminar organized by the Department of Computer Science, St. Pius X College, Rajapuram, 2025.
Talk delivered: "*Machine Learning for Cyber Defence*".

ADDITIONAL QUALIFICATIONS

- UGC- NET (2022,2023, Jan-2024, Oct-2024)

CERTIFICATIONS

- *Cybersecurity Tools & Cyber Attacks*, IBM (Coursera), 2022

ACADEMIC EVENTS ORGANIZED

- Organized a one-day National Level Workshop, *Beyond Glass Barriers (BGB 2024)*, as Chair, IEEE WIE AG , CUK in association with IEEE Malabar Subsection.
- Organized a talk on "*Explainable AI in Artificial Intelligence*" as **Chair, IEEE WIE AG**, Central University of Kerala, 2024.