

Dr. Jishnu K S

 jishnuks017@gmail.com

 Scopus

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Employment History

2024 – Present  **Assistant Professor**, Department of Computing Technologies, School of Computing, College of Engineering and Technology, SRM Institute of Science and Technology.

Education

2021 – 2025  **Ph.D, SRM University.**

Thesis title: *Real-time Phishing Url Detection Framework Using Knowledge Distilled Electra*

2019 – 2021  **M.Tech. Computer Science and Engineering, Network and Security** in Government Engineering College, Wayanad.

Thesis title: *MedBlocks: A Blockchain Based EHR Management System.*

2013 – 2017  **B.Tech. Computer Science and Engineering** in KMCT College of Engineering.
Thesis title: *Career Guidance Using Machine Learning.*

Research Publications

Journal Articles

- 1 K. S. Jishnu and B. Arthi, "Exploring gru-based approaches with attention mechanisms for accurate phishing url detection," *Intelligent Decision Technologies*, vol. 18, no. 2, pp. 1029–1052, 2024.  DOI: 10.3233/IDT-240026.
- 2 K. S. Jishnu and B. Arthi, "Generative adversarial network-based phishing url detection with variational autoencoder and transformer," *Int J Artif Intell*, vol. 13, no. 2, pp. 2165–2172, 2024.
- 3 K. S. Jishnu and B. Arthi, "Real-time phishing url detection framework using knowledge distilled electra," *Automatika*, vol. 65, no. 4, pp. 1621–1639, 2024.  DOI: 10.1080/00051144.2024.2415797.

Conference Proceedings

- 1 K. S. Jishnu and B. Arthi, "Enhanced phishing url detection using leveraging bert with additional url feature extraction," in *2023 5th International Conference on Inventive Research in Computing Applications (ICIRCA)*, 2023, pp. 1745–1750.  DOI: 10.1109/ICIRCA57980.2023.10220647.
- 2 K. Jishnu and B. Arthi, "Review of the effectiveness of machine learning based phishing prevention systems," in *AIP Conference Proceedings*, AIP Publishing, vol. 2917, 2023.  DOI: 10.1063/5.0175593.
- 3 J. K. S and A. B, "Phishing url detection by leveraging roberta for feature extraction and lstm for classification," in *2023 Second International Conference on Augmented Intelligence and Sustainable Systems (ICAISS)*, 2023, pp. 972–977.  DOI: 10.1109/ICAISS58487.2023.10250684.

Books and Chapters

- 1 T. Sangeetha, K. Jishnu, S. A. Nair, K. Krishnan, P. S. Kumar, and N. T. Madathil, "Hidden backdoor attacks in ai-enabled smart highway monitoring systems: Cybersecurity challenges and resilient detection strategies," in *AI-Driven Cybersecurity Techniques, Systems, and Resilience*, IGI Global Scientific Publishing, 2027, pp. 123–150.

- 2 K. Jishnu, G. Bhargavi, P. Shijukumar, R. Pareek, V. Monish, and A. Sundar, "High-performance landslide susceptibility mapping via stacking ensemble," in *Predicting, Preventing, and Mitigating Natural Disasters Through Advanced Technologies*, IGI Global Scientific Publishing, 2026, pp. 59–98.
- 3 K. Jishnu, S. John, M. Oshin, A. S. Tharakan, P. Shijukumar, and G. Bhargavi, "Deep learning strategies for high-accuracy oral cancer classification: A focus on efficientnet," in *AI in Clinical Diagnosis, Prediction, and Patient Care*, IGI Global Scientific Publishing, 2026, pp. 151–182.
- 4 K. Jishnu, P. Shijukumar, G. Bhargavi, V. Sankar, P. S. Kumar, and N. T. Madathil, "Ai-driven music composition by integrating rnns and gas for personalized pop songs," in *Artificial Intelligence in Music Production: Innovations, Practices, and Industry Implications*, IGI Global Scientific Publishing, 2026, pp. 143–172.
- 5 T. Sangeetha, K. Jayan, S. John, *et al.*, "Benchmarking traditional ml approaches in phishing url detection," in *Navigating Public Security in the Age of Post-Truth: Challenges and Implications*, IGI Global Scientific Publishing, 2026, pp. 275–304.
- 6 S. Tamilalagan, R. Pongiannan, R. Brindha, *et al.*, "Leveraging ai and ml to enhance focused ultrasound treatments for essential tremors," in *Natural Language Processing in Healthcare Informatics: Challenges and Future Directions*, Bentham Science Publishers, 2026, pp. 144–157.
- 7 K. Jishnu and B. Arthi, "Phishing url detection using bilstm with attention mechanism," in *Machine Intelligence Applications in Cyber-Risk Management*, IGI Global Scientific Publishing, 2025, pp. 159–184.

Skills

Languages	Strong reading, writing and speaking competencies for English, Malayalam, Hindi, Tamil.
Coding	C, C++, Python, L ^A T _E X, ...
Databases	MySQL
Misc.	Academic research, Teaching, Training, Consultation, and Publishing.

Miscellaneous Experience

Awards and Achievements

- 2025  **Dr. APJ ABDUL KALAM RESEARCH AWARD 2025**, SRM Institute of Science and Technology.

Certification

-  **UHV-I: Inculcating Universal Human Values in Technical Education** organized by AICTE at SRM Institute of Science and Technology, Kattankulathur Campus, Chennai, from January 30 to February 1, 2025.
-  Successfully completed the UGC & NEP recommended **Faculty Induction Training Program (Guru Dakshta)** as part of in-service continuous professional development using CDIO and TPACK standards.
-  Certified **Design Thinking Trainer**, conducted and certified by the School of Design Thinking.
-  Successfully completed a 5-credit course in **Industrial Mathematics** (Swayam, University of Calicut, 2025)

Miscellaneous Experience (continued)

- 2024  Successfully completed a 12-week NPTEL course on "Problem Solving through Programming in C", attended the examination, and received certification.

References

Dr. B. Arthi, Associate Professor, Department of Computing Technologies, SRM IST. arthib@srmist.edu.in