

Rakesh V S

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Websites & Social Links

Research Gate Profile (<https://www.researchgate.net/profile/Rakesh-V-S>)

LinkedIn Profile (<https://www.linkedin.com/in/rakesh-v-s-b764911b3/>)

Facebook Profile (<https://www.facebook.com/profile.php?id=100001662107796>)

Country

India

Other IDs

Scopus Author ID: 59046028500 ([http://www.scopus.com/inward/authorDetails.url?](http://www.scopus.com/inward/authorDetails.url?authorID=59046028500&partnerID=MN8TOARS)

[authorID=59046028500&partnerID=MN8TOARS](http://www.scopus.com/inward/authorDetails.url?authorID=59046028500&partnerID=MN8TOARS))

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Biography

Mr. Rakesh V S is an Assistant Professor in the Department of Computer Science and Engineering at Cambridge Institute of Technology, Bengaluru. He has 13 years of teaching experience and is KSET qualified. He is currently pursuing his Ph.D. in the field of Network Security. He has completed the Post Graduate Program in Cyber Security from Great Lakes Executive Learning and the Cyber Security Foundation Certification from Infosys Springboard. He has also been recognized as an NPTEL Star – NPTEL Motivated Learner. His areas of research interest include Network Security, Data Mining, Cryptography, Machine Learning, and related fields. He has attended around 18 Scopus-indexed international conferences and has made significant academic contributions through 5 published patents, 4 design grant patents, 1 WoS journal publication, 2 book chapters, and co-authorship of 2 books.

Employment (2)

Cambridge Institute of Technology: Bangalore, Karnataka,

IN

2016-08-05 to present | Assistant Professor (Computer Science and Engineering)

Employment

Source:Rakesh V S

SCT Institute of Technology: Bangalore, Karnataka, IN

2013-08-01 to 2016-07-03 | Assistant Professor (Computer Science and Engineering)

Employment

Source:Rakesh V S

Education and qualifications (3)

Nitte Meenakshi Institute of Technology: Bengaluru, Karnataka, IN

2021 to present | Research Scholar (Computer Science and Engineering)

Education

Source:Rakesh V S

MVJ College of Engineering: Bengaluru, Karnataka, IN

2011 to 2013 | MTech (Computer Science and Engineering)

Education

Source:Rakesh V S

East Point College of Engineering: Bengaluru, Karnataka, IN

2007 to 2011 | Bachelor of Engineering (B.E.) (Computer Science and Engineering)

Education

Source:Rakesh V S

Works (13 of 13)

Advancing Manufacturing Efficiency and Quality through IIoT, AI, and Machine Learning Integration

Proceedings of the 5th International Conference on Sentiment Analysis and Deep Learning Icsadl 2026

2026 | conference-paper

DOI: 10.1109/ICSADL67539.2026.11452005

EID: 2-s2.0-105036551538

Part of ISBN: 9798331568832

Source:Rakesh V *Svia*Scopus - Elsevier

ML-Optimized THz-Band Massive MIMO Architecture for Energy-Efficient 6G Communication

Proceedings of the IEEE International Conference on AI Engineering and Innovations Aiei 2026

2026 | conference-paper

DOI: 10.1109/AIEI69164.2026.11497334

EID: 2-s2.0-105040836639

Part of ISBN: 9798331560454

Source:Rakesh V *Svia*Scopus - Elsevier

Profiling User Behavior to Identify Insider Threats in Enterprise Information Systems

ITM Web of Conferences

2025-10-08 | conference-paper

DOI: 10.1051/itmconf/20257901012

Part of ISSN: 2271-2097

Source:Rakesh V S

Adaptive Deep Learning-Based Intrusion Detection and Prevention System for Encrypted Network Traffic

Proceedings of the 1st IEEE International Conference on Advances in Next Gen Computer Science Icancs 2025

2025 | conference-paper

DOI: 10.1109/ICANCS65819.2025.11376629

EID: 2-s2.0-105035591028

Part of ISBN: 9798331596477

Source:Rakesh V SvíaScopus - Elsevier

Automata-Based Model for SQL Injection Pattern Recognition

3rd IEEE International Conference on Networks Multimedia and Information Technology Nmitcon 2025

2025 | conference-paper

DOI: 10.1109/NMITCON65824.2025.11188186

EID: 2-s2.0-105020787961

Part of ISBN: 9798331513085

Source:Rakesh V SvíaScopus - Elsevier

Behavioral Traffic Monitoring and Analysis in Software-Defined Networks

2025 International Conference on Computing Technologies and Data Communication Icctdc 2025

2025 | conference-paper

DOI: 10.1109/ICCTDC64446.2025.11158942

EID: 2-s2.0-105019042192

Part of ISBN: 9798331527983

Source:Rakesh V SvíaScopus - Elsevier

D-GRAM: Dynamic Game-Theoretic Risk Modeling for Adaptive Cyber Defense

2025 5th International Conference on Emerging Research in Electronics Computer Science and Technology Icerect 2025
2025 | conference-paper

DOI: 10.1109/ICERECT65215.2025.11377331

EID: 2-s2.0-105034907197

Part of ISBN: 9798331532000

Source:Rakesh V SvíaScopus - Elsevier

FedDiff-Health: A Privacy-Preserving Generative Framework for Collaborative Hospital Readmission Prediction

4th International Conference on Applied Artificial Intelligence and Computing Icaaic 2025
2025 | conference-paper

DOI: 10.1109/ICAAIC64647.2025.11330746

EID: 2-s2.0-105034888153

Part of ISBN: 9798331565879

Source:Rakesh V SvíaScopus - Elsevier

Survey: A Study on Authentication Mechanism on Replay Attack

16th International Conference on Advances in Computing Control and Telecommunication Technologies Act 2025
2025 | conference-paper

EID: 2-s2.0-105034880033

Source:Rakesh V SvíaScopus - Elsevier

Enhancing Network Security: A Novel Hybrid ML Approach for DDoS Attack Detection in SDN

15th International Conference on Advances in Computing Control and Telecommunication Technologies Act 2024
2024 | conference-paper

EID: 2-s2.0-85208807756

Part of ISBN: 9798331300579

Source:Rakesh V SvíaScopus - Elsevier

Optimizing Agricultural Productivity: A Data-Driven Ensemble Model for Crop Recommendation Based on Site-Specific Characteristics and Weather Conditions in India

Proceedings of the 2nd International Conference on Intelligent and Innovative Technologies in Computing Electrical and Electronics Iciiitcee 2024

2024 | conference-paper

DOI: 10.1109/IITCEE59897.2024.10467680

EID: 2-s2.0-85189768426

Part of ISBN: 9798350306415

Source:Rakesh V SvviaScopus - Elsevier

Relational Model and Improvised DSR Assisted Framework for Secure Wireless Communication

Communications in Computer and Information Science

2023 | conference-paper

DOI: 10.1007/978-3-031-40564-8_3

EID: 2-s2.0-85172143440

Part of ISBN: 9783031405631

Part of ISSN: 18650929 18650937

Source:Rakesh V SvviaScopus - Elsevier

SAS: Secured Authentication Scheme for Network Security in Multi-Server and Distributed Environment

Mysurucon 2022 2022 IEEE 2nd Mysore Sub Section International Conference

2022 | conference-paper

DOI: 10.1109/MysuruCon55714.2022.9972539

EID: 2-s2.0-85145350420

Part of ISBN: 9781665497909

Source:Rakesh V SvviaScopus - Elsevier

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