



## RESEARCHER PROFILE

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Google scholar FARIZAH YUNUS

## EDUCATION



- Ph.D. in Electrical Engineering, Universiti Teknologi Malaysia
- Degree in Electrical Engineering (Telecommunication), Universiti Malaysia Terengganu

## AREAS OF EXPERTISE

- Wireless Sensor Network
- Internet of Things
- Cybersecurity
- Cloud Computing

## SUPERVISION



## COLLABORATORS



# DR. FARIZAH YUNUS

## SENIOR LECTURER

Dr. Farizah Yunus specializes in networking, with a particular focus on Wireless Sensor Networks, the Internet of Things (IoT), Cybersecurity, and Cloud Computing. Her current research focus on developing algorithms to mitigate SQL injection attacks in Infrastructure as a Service (IaaS) environments. This work aligns with the broader objectives of cybersecurity by addressing emerging cyber threats and enhancing the security of cloud-based infrastructures.

## CONTACT

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## SELECTED RESEARCH PROJECTS

- ✓ Matching Grant from Universiti Malaysia Terengganu. Intelligent Reports Based on Data Analytics for Asset Location. (2019-2021). RM20,000.
- ✓ TAPE-RG from Universiti Malaysia Terengganu. A New Algorithm for SQL Injection Attacks Simulation in a Web Application of Infrastructure as a Service (IaaS). (2024-2026). RM20,000.

## SELECTED PUBLICATIONS

- ✓ Albtoush A., Noor N.M.M., **Yunus F.** (2024). Multi-Priority Scheduling Algorithm for Scientific Workflows in Cloud. Bulletin of Electrical Engineering and Informatics, 13(4). pp. 2979-2990. SCOPUS-indexed.
- ✓ Ali N.H., Ismail N.E.A., Jalil M.A., Jarno A.D., **Yunus F.** (2024). A Proposed Framework of Vulnerability Assessment and Penetration Testing (VAPT) In Cloud Computing Environments from Penetration Tester Perspective. Journal of Advanced Research in Applied Sciences and Engineering Technology, 39 (1). pp. 1-14. SCOPUS-indexed.
- ✓ Jalil M., Ali N.Hj., Almaiah M.A., Hsiung L.H., **Yunus F.**, Zaki F.A.M (2024). Cybersecurity Awareness Among Secondary School Students Post Covid19 Pandemic. Journal of Advanced Research in Applied Sciences and Engineering Technology, 37 (1). pp. 115-127. SCOPUS-indexed.
- ✓ Mukhtar M., **Yunus F.**, Ali Y.A.A., Atta-Ur-Rahman, Li J., Mahmood T. (2023). Future Prospects and Challenges of On-Demand Mobility Management Solutions. IEEE Access, 11(2023). pp. 14864-14879. WoS indexed.