Ts. DR. WIWIED VIRGIYANTI

SENIOR LECTURER

Ts. Dr. Wiwied Virgiyanti is a Senior Lecturer in the Department of Computer Science at Universiti Malaysia Terengganu, specializing in knowledge management, project management, and emerging technologies like IoT and machine learning. She holds a Ph.D. in Project Management from Universiti Sains Malaysia and has experience in both industry and academia for more than 15 years. Her ongoing research focuses on IoT-driven sustainable solutions and technology adoption, alongside active roles in international collaborations.

CONTACT

📞 +6017-4461876
✉ wiwied.virgiyanti@umt.edu.my
✈ fskm.umt.edu.my

RESEARCHER PROFILE

Scopus 56946841500
ORCID 0000-0001-8155-3042
Google scholar WIWIED VIRGIYANTI

EDUCATION

PhD in Project Management, Universiti Sains Malaysia (USM)
MSc in IT-Management, Universiti Teknologi Malaysia (UTM)
BEng, in Informatics, Gunadarma University, Indonesia.

AREAS OF EXPERTISE

Project Management
Information Systems
Knowledge Management
Organizational Behaviour

SUPERVISION

COLLABORATORS

SELECTED RESEARCH PROJECTS

✅ Talent & Publication Enhancement Research Grant (TAPE-RG) from Universiti Malaysia Terengganu (UMT). Prototype Development of a Sustainable Device for Cockroach Infestation Control in Malaysia Urban Environment using Internet of Things (IoT) Technology. (2023 – 2025). RM20,000.

✅ Research University – Postgraduate Research Grant Scheme (RUPRGS) from Universiti Sains Malaysia (USM).The Effect of Knowledge Management on Competitive Advantage with Organizational Culture as a Mediator in Malaysian Construction Companies. (2012 – 2013). RM9,710.

SELECTED PUBLICATIONS

✅ MNA. Khalid, NH. Kamarudin, **Virgiyanti. W**, T. Ramayah (2025), A Framework for Knowledge Management Practices Using Large Language Models: Preliminary Findings, Asia-Pacific Journal of Information Technology and Multimedia (APJITM) – InPress (SCOPUS, Q2)

✅ Ong Yee Hang, **Wiwied Virgiyanti***, & Rosly Rosaida. (2024). Diabetes Prediction using Machine Learning Ensemble Model. Journal of Advanced Research in Applied Sciences and Engineering Technology, 37(1), 82–98. https://doi.org/10.37934/araset.37.1.8298 (SCOPUS, Q2)

✅ Tom. A. M, **Virgiyanti, W*** and Rozaini. W (2019), An Exploratory Performance on the Determinants of Cloud-based E-Learning Adoption by ICT Professionals: A Nigerian Perspective, TEST Engineering & Management, Volume: 81, Issues: Nov/Dec 2019, pp. 5904–5912. (SCOPUS, Q4)

✅ **Virgiyanti, W**., Tufail, M. A., Bakar, A. H. A. (2019), Intervention of organizational culture in achieving competitive advantage through knowledge management in Malaysian construction companies, International Journal of Innovative Technology and Exploring Engineering, Volume: 8, Issue: 8, June 2019, Pages 204-214 (SCOPUS, Q4).

"Driving ethical innovation, empowering communities, and shaping a better future!"