FACULTY OF COMPUTER SCIENCE AND MATHEMATICS

MINISTRY OF HIGHER EDUCATION

UMT

DR. WAN NURAINI FAHANA WAN NASIR

LECTURER

Dr. Wan Nuraini Fahana Bt Wan Nasir is a lecturer at Universiti Malaysia Terengganu (UMT), specializing in Statistical Modelling and Applied Statistics. Her current research focuses on developing a machine learning–based mathematical model for anxiety detection. Committed to advancing statistical methodologies, she is eager to collaborate with multidisciplinary teams to explore innovative solutions and expand the frontiers of data–driven research.

RESEARCHER PROFILE

Scopus 57222582948

ORCID 0000-0003-1564-5111

Google scholar WAN NURAINI FAHANA WAN NASIR
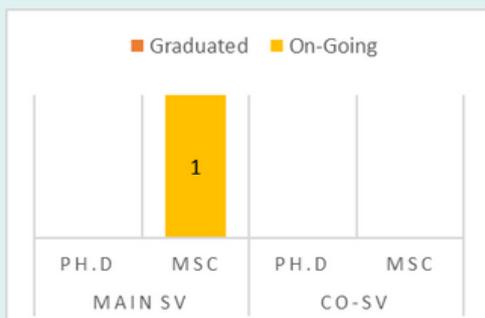
EDUCATION

- PhD in Mathematical Sciences, Universiti Malaysia Terengganu
- Master in Applied Statistics, Universiti Putra Malaysia
- BSc. in Science (Mathematics), Universiti Sains Malaysia

AREAS OF EXPERTISE

- Applied Statistics
- Data Analytics
- PLS SEM

SUPERVISION

CONTACT

- +6017-9637186
- wannuraini.fahana@umt.edu.my
- fskm.umt.edu.my

SELECTED RESEARCH PROJECTS

✓ TALENT AND PUBLICATION ENHANCEMENT–RESEARCH GRANT (TAPE-RG) from Universiti Malaysia Terengganu. Mathematical Anxiety Generalized Prediction: A Machine Learning Approach. (2024–2026). RM20,000

SELECTED PUBLICATIONS

✓ Nasir, W. N. F. W., Lola, M. S., & Deraman, A. (2019). A Model for Optimal Value of Loyalty Point in Loyalty Rewards Program. Malaysian Journal of Mathematical Sciences, 13(S), 15–22. (Web of Science indexed, Q4)

✓ Nasir, W. N. F. W., & Lola, M. S. (2018). The Optimality of Profit Sharing in Loyalty Reward Programs. In Regional Conference on Science, Technology and Social Sciences (RCSTSS 2016) (pp. 843-849). Springer, Singapore. (Chapter in book)

✓ Nasir, W. N. F. W., Lola, M. S., K. Abdul Hamid, A. A., Syed Abd Mutalib, S. S., W. Jubilee, R. V., Zainuddin, N. H., & Fauzy, A. (2024). Assessing the Impact of E-Commerce of a Footwear Vendor in Malaysia Through a Structural Equation Modeling Approach. World, 5(4), 1307-1334. (Web of Science indexed, Q1)

Innovate for a world empowered by research driven solutions.