

# TS. DR. NOOR MAIZURA MOHAMAD NOOR

## PROFESSOR

Professor Ts. Dr. Noor Maizura Mohamad Noor's research is dedicated to advancing organizational decision-making through the application of technology, with a particular emphasis on Decision Support Systems (DSS) and Information System (IS). Her work has secured more than RM3 million in research grants, including RM800,000 as a project leader. She has been recognised with more than 100 awards for her research contributions, including gold, silver, and bronze. She has published extensively in her field, with over 130 articles in peer-reviewed journals, 150 contributions to conference proceedings, as well as numerous books and book chapters. In addition, she has made significant contributions to the development of academic teaching modules and other scholarly materials.



### RESEARCHER PROFILE

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### SELECTED RESEARCH PROJECTS

- ✓ A New Framework of Risk- Based Decision Support System (R-DSS) in Teaching and Learning Post- Pandemic COVID-19, September 2021-August 2025 (3.5 Years), Ministry of Higher Education (MOHE): Fundamental Research Grant Scheme (FRGS), 100,660.00,
- ✓ An Improved Framework of Risk-based Decision Support System (DSS+R) for Forensic Investigation in Detecting Human Cadaver of Clandestine Grave August 2016 – January 2019 Ministry of Higher Education (MOHE): Fundamental Research Grant Scheme (FRGS), 66,300.00,
- ✓ A New Intelligent Pattern Visualization Framework using Fuzzy Inference System (FIS) And Fuzzy Self-Organizing Map (FSOM) in Crime Prevention April 2013 – March 2015 (2 Years), Ministry of Higher Education (MOHE): Fundamental Research Grant Scheme (FRGS), 88,600.00

### SELECTED PUBLICATIONS

- ✓ Samar Jamal Hassan Mahmoud, Noor Maizura Binti Mohamad Noor, Zuriana Abu Bakar, Jehan Ahmad kheiro Aburasul (2024), A Novel Approach to E-transporting Mobile Interfaces to Individuals with Visual Impairments, Pakistan Journal of Life and Social Sciences, E-ISSN: 2221-7630; P-ISSN: 1727-4915
- ✓ Feizal, M., Mohamad, R., Noor Maizura Mohamad Noor (2024), A Systematic Literature Review on Blockchain for Implementation of Data Governance Framework, Journal of Theoretical and Applied Information Technology, 102(17), PP. 6444-6467
- ✓ Kaneeka Vidanage, Noor Maizura Mohamad Noor, Sanduni Sathsara (2024), Computationally Intelligent Workflow for Improved Psychotherapy Interventions: An Ontology-Based Approach, International Journal of Information Technology, <https://doi.org/10.1007/s41870-024-01900-3>
- ✓ Alaa Albtoush, Farizah Yunus, Noor Maizura Mohamad Noor, Multi-priority Scheduling Algorithm for Scientific Workflows in Cloud (2024), Bulletin of Electrical Engineering and Informatics Vol. 13, ISSN: 2302-9285, DOI: 10.11591/EEI.v13i4.7520, No. 4, August 2024, PP. 2979 2988
- ✓ Anamika Raj, Noor Maizura Mohamad Noor, Rosmayati Mohamad, Noor Azliza Che Mata, Shahid Hussain, (2024), An Intelligent Mathematically Modified Fuzzy C-Means Clustering Technique for Fundus Image Segmentation for Diabetic Retinopathy Identification, International Journal of Intelligent Systems and Applications in Engineering, Volume 12, Issue 7s., Page: 603-612, ISSN:2147-6799

### EDUCATION

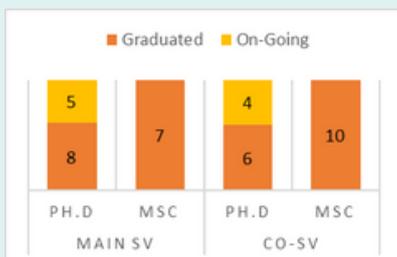


- PhD in Computer Science, University of Manchester, UK
- Masters in Computer Science, Universiti Putra Malaysia
- Bachelor in Computer Science, Universiti Pertanian Malaysia

### AREAS OF EXPERTISE

- Decision Support System
- Information System

### SUPERVISION



### COLLABORATORS

