TS. MOHAMMAD AIZAT BASIR

SENIOR LECTURER

My research interest is focused on the big data analytics in response to Industrial Revolution (IR 4.0). This field of research requires detailed understanding of data mining algorithms especially in bio-inspired meta-heuristic algorithms.

RESEARCHER PROFILE

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EDUCATION

- MSc. Intelligent System, Universiti Utara Malaysia
- B.IT in Software Engineering, KUSTEM

AREAS OF EXPERTISE

- Artificial Intelligence
- Machine Learning

SUPERVISION

■ Graduated ■ On-Going

	PH.D	MSC	PH.D	MSC
	0	0	0	2 / 0
	MAIN SV		CO-SV	

COLLABORATORS

UTHM — Universiti Tun Hussein Onn Malaysia

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SELECTED RESEARCH PROJECTS

✔ TAPE-RG GRANT (UMT) – New Feature Selection Methods based on Meta-heuristic Approach for Classification Problem (2018–2020). RM20,000

✔ TAPE-RG GRANT (UMT), New Hybrid Bio-Inspired Algorithm Neural Network-Based Approach for Feature Extraction Problem: Case Study (COVID-19). (2021–2024). RM20,000

SELECTED PUBLICATIONS

✔ **Basir, M. A.** & Hussin, M. S. (2024). "Ensemble Image Feature Selection Method Based on Bio-Inspired Algorithms for COVID-19 Classification Problem", Discovering Mathematics, 46:3, November 2024.

✔ Hasan, M. I., Mamat, R. **Basir, M. A.** (2024). "Advanced Techniques for Waste Classification Using a Heterogeneous and Hybrid Ensemble of Convolutional Neural Networks and Parallel Processing", Journal of Engineering and Science Research (JESR), 8:2, August 2024.

✔ Hussin, M. S. & **Basir, M. A.,** (2024). "Adaptive Iterated Local Search for Quadratic Assignment Problem", AIP Conference Proceedings. 2905:1, January 2024.

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