



Dr. Muhamad Hariz Bin Muhamad Adnan

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📍 Faculty Of Computing And Meta-Technology
Universiti Pendidikan Sultan Idris (UPSI)

BIOGRAPHY

A lecturer from the Faculty Of Computing And Meta-Technology , Universiti Pendidikan Sultan Idris, Tanjung Malim, Perak, Malaysia. Specializes in Artificial Intelligence (AI) in Digital Transformation and Education.

ACADEMIC QUALIFICATION

- 2019 **Doctor of Philosophy (PhD) in Information Technology (Information Technology)**
Universiti Teknologi Petronas
- 2013 **Master of Science (Computer Science)**
Universiti Sains Malaysia
- 2008 **Ijazah Sarjana Muda (Computer Science)**
Universiti Sains Malaysia

RESEARCH

- Digital Transformation Through Education By Integrating Cloud Data Fundamentals In Curricula
2024 **Leader** | Math Proofread Sdn. Bhd.
- Formulation Of A New Continuous Combinatorial Double Auction Algorithm For Customized Items Negotiations And Renegotiations
2023 **Leader**
- Development Of A Social Media Analytics System To Increase Prospective Students` Interests In STEM And TVET Education
2022 **Leader** | Universiti Pendidikan Sultan Idris
- Formulating Learning Model Using Explainable AI (XAI) Agents To Empower Ageing Society In Entrepreneurship And Workforce Re-entry
2028 **Leader**
- Penggunaan AI Untuk Inovasi Analisis Keperluan Latihan Dan Penyampaian Kandungan Pembelajaran Peribadi
2026 **Leader**

ACADEMIA INFO

Scopus ID :
57210157889

WoS ID :
3340560muhamad-hariz-bin-muhamad-adnan

Google Scholar :
Muhamad Hariz
Muhamad Adnan

AREAS OF EXPERTISE

SUPERVISION

PhD
Completed : 1
Ongoing : 7

Master
Ongoing : 9

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PUBLICATION

- Optimization In University Student Timetables: A Comprehensive Literature Review**
1 Journal of Advanced Research in Applied Sciences and Engineering Technology
2024 SCOPUS Correspondence Author
- Chatbots Adoption for Gamification of Programming Language Learning: A Comprehensive Literature Review**
2 Journal of Advanced Research in Applied Sciences and Engineering Technology
2024 SCOPUS Correspondence Author
- Designing Enhanced Automatic Genetic Clustering Algorithm for Unknown Number of Clusters: An Experimental Evaluation**
3 Journal of Advanced Research in Applied Sciences and Engineering Technology
2023 SCOPUS Correspondence Author
- Expert Systems And Double Auction: Enhancing Worm Disease Detection In Children**
4 Journal of Advanced Research in Applied Sciences and Engineering Technology
2023 SCOPUS Correspondence Author
- Multi Criteria Decision Making in SMEs Venture Capital Allocation: Analytic Hierarchy Process and Double Auction Approach**
5 Journal of Advanced Research in Applied Sciences and Engineering Technology
2025 SCOPUS Correspondence Author

CONSULTATION / ADULATION

- Oman Children's Nutrition Education Mobile Apps Development
2025 Luban Island Completed
- PERUNDING PROGRAM LATIHAN MADANI (MSME 2025) – Certified Generative AI Associate
2025 AL-AIN IT Consultants Sdn Bhd Completed
- AI Untuk Kita: Program Pemindahan Ilmu AI Kepada Komuniti Usahawan, Belia dan Pesara- KTP UPSI
2025 Universiti Pendidikan Sultan Idris Completed
- Perunding Program WordPress Web Development for Beginners 2024 Siri 1
2024 Rynet Malaysia Sdn Bhd Completed
- Program WordPress Web Development for Beginners
2023 Rynet Malaysia Sdn Bhd Completed

AWARD / RECOGNITION

- DEVELOPMENT OF A VEHICLE MANAGEMENT PLATFORM USING FLUTTER FOR UPSI STUDENTS**
3 Modern Education & Technology Advance in Research and Innovation for Sustainable Excellence (METAR)
2025 International 3 Modern Education & Technology Advance in Research and Innovation for Sustainable Excellence (METAR) Gold
- Boosting Students' Motivation Through PyLearnBot – Gamified Python Learning**
2 International 3 Minutes Research and Innovation Competition 2025 (3MRIC 2025)
2025 International 2 International 3 Minutes Research and Innovation Competition 2025 (3MRIC 2025) Gold
- HAJJBLOX A VIRTUAL HAJJ PILGRIMAGE SIMULATION**
3 Modern Education & Technology Advance in Research and Innovation for Sustainable Excellence (METAR)
2025 International 3 Modern Education & Technology Advance in Research and Innovation for Sustainable Excellence (METAR) Gold
- BraillePreneur MODULE**
4 International Innovation Competition (Ino-ICAME) 2024, The 3rd International Conference on Accountin
2024 International International Innovation Competition (Ino-ICAME) 2024, The 3rd International Conference on Accountin Gold
- Synergetic: Online MOOC Platform for Collaborative Learning**
5 International Education Innovation Expo (EDU@Innovate) 2023
2023 International International Education Innovation Expo (EDU@Innovate) 2023 Gold