



ACADEMIA INFO

Scopus ID :
57210157889

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3340560muhamad-hariz-bin-
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Google Scholar :
Muhamad Hariz
Muhamad Adnan

AREAS OF EXPERTISE

SUPERVISION

PhD
Completed : 1
Ongoing : 7

Master
Ongoing : 7

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Dr. Muhamad Hariz Bin Muhamad Adnan

Timbalan Dekan (Jaringan Industri Dan Pengkomersilan), Faculty of Computing and Meta-Technology

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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) Driven Digital Transformation in Education and Technopreneurship.

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

- 1 Formulation Of A New Continuous Combinatorial Double Auction Algorithm For Customized Items Negotiations And Renegotiations
2023 Leader
- 2 Development Of A Social Media Analytics System To Increase Prospective Students` Interests In STEM And TVET Education
2022 Leader Universiti Pendidikan Sultan Idris
- 3 Digital Transformation Through Education By Integrating Cloud Data Fundamentals In Curricula
2024 Leader Math Proofread Sdn. Bhd.
- 4 From Teaching To Training: Developing A Framework To Upskill Lecturers Into Corporate Trainers
2026 Leader
- 5 MEREKA BENTUK DAN PEMBANGUNAN KURSUS DALAM TALIAN TERBUKA BAGI KECERDASAN BUATAN (AI) DALAM LATIHAN PENDIDIKAN
2026 Leader

RESEARCH

- 6 A Framework Of Teachers` Digital Dan Artificial Intelligence Competencies Upskilling For The Industry 4.0 And Industry 5.0.
2024 Leader Universiti Pendidikan Sultan Idris
- 7 The Characterization Of Design ForMmobile Aaugmented Reality (AR) Reading Kit For Preschool Reading Literacy
2022 Member Universiti Pendidikan Sultan Idris
- 8 Formulating A Learner`s Growth Model To Reduce Programming Anxiety Among Primary School Students
2024 Member Kementerian Pengajian Tinggi
- 9 Pembinaan Model Komuniti Maya Berpagar Melalui Pendekatan Kawalan Sosial Dalam Kebergantungan Media
2024 Member Kementerian Pengajian Tinggi
- 10 Sistem Tuisyen-AI Bagi Pelajar Sekolah Rendah Dan Menengah Untuk Menyokong Unit Perniagaan Strategik (SBU) Meta
2026 Member
- 11 Pembangunan Modul Keusahawanan Inkubator Edupreneur@UPSI
2023 Member
- 12 Pembangunan Modul E-Aktiviti Pintar Bagi Pentaksiran Bilik Darjah Dalam Mata Pelajaran Geografi.
2024 Member Universiti Pendidikan Sultan Idris
- 15 Pembangunan Aplikasi Mudah Alih Asas Kod Tangan Siri 1 Bagi Murid Kurang Upaya Pendengaran Di Sekolah Rendah
2024 Member Universiti Pendidikan Sultan Idris
- 16 Stress Detection And Mitigation Through Discovery Of Optimal Lecture Delivery Method For STEM-enrolled University Students
2024 Member Universiti Pendidikan Sultan Idris
- 17 Pembangunan Modul E-Aktiviti Pintar Bagi Pentaksiran Bilik Darjah Dalam Mata Pelajaran Geografi.
2024 Member Universiti Pendidikan Sultan Idris
- 18 Pembinaan Garis Panduan Falsafah Sejahtera Melalui Kesukarelawanan Untuk Meningkatkan Perpaduan Dalam Pendidikan Negara
2023 Member Universiti Pendidikan Sultan Idris
- 19 Keusahawanan Dan Literasi Digital Pemangkin Kebolehpasaran Graduan UPSI
2021 Member Universiti Pendidikan Sultan Idris
- 20 Kajian Pola Penggunaan Media Sosial (facebook) Dikalangan Penggiat Industri Filem Dan Television Melayu Di Malaysia Sepanjang Perintah Kawalan Pergerakan (PKP) Dimusim Wabak Covid 19.
2023 Member Universiti Pendidikan Sultan Idris

- 21 Modul Pembelajaran Kendiri (MPK) Melalui Aplikasi Mudah Alih Untuk Matapelajaran Pembiakan Poltri Bagi Program Agroindustri Ternakan Poltri Di Kolej Vokasional.

2023 Member Universiti Pendidikan Sultan Idris

PUBLICATIONS

- 1 **Optimization In University Student Timetables: A Comprehensive Literature Review**
Journal of Advanced Research in Applied Sciences and Engineering Technology
2024 SCOPUS Correspondence Author
- 2 **Chatbots Adoption for Gamification of Programming Language Learning: A Comprehensive Literature Review**
Journal of Advanced Research in Applied Sciences and Engineering Technology
2024 SCOPUS Correspondence Author
- 3 **Designing Enhanced Automatic Genetic Clustering Algorithm for Unknown Number of Clusters: An Experimental Evaluation**
Journal of Advanced Research in Applied Sciences and Engineering Technology
2023 SCOPUS Correspondence Author
- 4 **Expert Systems And Double Auction: Enhancing Worm Disease Detection In Children**
Journal of Advanced Research in Applied Sciences and Engineering Technology
2023 SCOPUS Correspondence Author
- 5 **Multi Criteria Decision Making in SMEs Venture Capital Allocation: Analytic Hierarchy Process and Double Auction Approach**
Journal of Advanced Research in Applied Sciences and Engineering Technology
2023 SCOPUS Correspondence Author
- 6 **AI Meets Entrepreneurship: A Framework of Web Platform for Enhancing Skills, Streamlining Finance and Identifying Multiple Intelligence**
IEEE Xplore Digital
2023 SCOPUS First Author
- 7 **Designing Analytical Hierarchy Process for Double Auction to Optimize Financial Performance of Private Higher Education Institutions**
Journal of Advanced Research in Applied Sciences and Engineering Technology
2023 SCOPUS Correspondence Author
- 8 **A user-priorities-based strategy for three-phase intelligent recommendation and negotiating agents for cloud services**
IEEE Access
2023 SCOPUS Correspondence Author
- 9 **Development of Online Courseware for Low-Achieving Special Education Students Learning Communication**
Journal of Engineering, Technology and Applied Science
2022 Google Scholar Correspondence Author

- 10 **Development of Attendance Monitoring System with Artificial Intelligence Optimization in Cloud**
International Journal of Artificial Intelligence (IJAI)
2021 Google Scholar Correspondence Author
-
- 11 **Kerangka Teknologi Bantu untuk Diagnosis Hubungan Kecerdasan Visual Spasial bagi Pelajar dengan Masalah Pembelajaran**
Journal of ICT in Education
2021 Non Index Correspondence Author
-
- 12 **A Survey of Malware Risk Detection Techniques in Cloud**
Psychology and Education
2020 SCOPUS Correspondence Author
-
- 13 **An Overview of Current Multi-Attribute Techniques in Double Auction Frameworks**
Psychology and Education
2020 SCOPUS Correspondence Author
-
- 14 **A Framework of Heterogeneous Cloud Service and Multi Attributes Negotiation using Double Auction**
International Journal of Advanced Trends in Computer Science and Engineering
2020 SCOPUS Correspondence Author
-
- 15 **Development of Geography Alternative Assessment Module for Malaysia Secondary School**
Geografia – Malaysian Journal of Society and Space
2024 Web of Science Co-Author
-
- 16 **Application of Social Control Concept In Virtual Community**
Perspektif: Jurnal Sains Sosial dan Kemanusiaan
2024 Malaysian Citation Index Co-Author
-
- 17 **IoT-Enabled GPS Tracking System for Monitoring the Safety Concerns of School Students**
JOURNAL OF ADVANCED RESEARCH IN COMPUTING AND APPLICATIONS
2024 Malaysian Citation Index Co-Author
-
- 18 **Stress Detection and Mitigation through Discovery of Optimal Lecture Delivery Method for STEM-enrolled University Students**
Journal of Advanced Research in Applied Sciences and Engineering Technology
2024 SCOPUS Co-Author
-
- 19 **Wireless Local Area Network and Analytical Hierarchy Process: Technology Acceptance Model for Increasing Use of Online Learning.**
Journal of Advanced Research in Applied Sciences and Engineering Technology
2023 SCOPUS Co-Author
-
- 20 **Automotive Consumer Loans Risk Assessment Predictive Modeling Using Generative Adversarial Network and Stacked Autoencoder Neural Networks**
Journal of Advanced Research in Applied Sciences and Engineering Technology
2024 SCOPUS Co-Author
-

- 21 **Model of an Intelligent and Automated Negotiation Agent for the Service Level Agreement Negotiation Process in Cloud Computing**
Journal of Advanced Research in Applied Sciences and Engineering Technology
2023 SCOPUS Co-Author
-
- 22 **Stress Detection and Mitigation through Discovery of Optimal Lecture Delivery Method for STEM-enrolled University Students**
Journal of Advanced Research in Applied Sciences and Engineering Technology
2023 SCOPUS Co-Author
-
- 23 **Systematic literature review on digital courseware usage in Geography subjects for secondary school students**
Journal of ICT in Education
2023 Malaysian Citation Index Co-Author
-
- 24 **A user-priorities-based strategy for three-phase intelligent recommendation and negotiating agents for cloud services**
IEEE Access
2023 SCOPUS Co-Author
-
- 25 **The Acceptance of a Mobile Travel Application to Improve Community-Based Tourism in Malaysia: A Focus on End Users' Behavioral Intention**
Peuradeun
2023 Web of Science Co-Author
-
- 26 **Design and Development of Face Mask Reminder Box Technology using Arduino Uno**
International Journal of Advanced Computer Science and Applications
2022 SCOPUS Co-Author
-
- 27 **Multi-Criteria Prediction Framework for the Prioritization of Council Candidates based on Integrated AHP-Consensus and TOPSIS Methods**
International Journal of Advanced Computer Science and Applications
2022 SCOPUS Co-Author
-
- 28 **Utilizing Animal Characters of a Mobile Augmented Reality (AR) Reading Kit to Improve Preschoolers' Reading Skills, Motivation, and Self-Learning: An Initial Study**
International Journal of Interactive Mobile Technologies
2021 SCOPUS Co-Author
-
- 29 **Mobile Augmented Reality Hand Wash (MARHw): Mobile Application to Guide Community to Ameliorate Hand washing Effectiveness to Oppose Covid-19 Disease**
International Journal of Integrated Engineering
2020 SCOPUS Co-Author
-

SUPERVISION

- 1 Multi Criteria Decision Making Based Multifactorial Evaluation Process Framework For Teacher Recommendation In Oman
2025 PHD International Supervisor Presentation
- 2 Multi Criteria Decision Making And Double Auction Framework For Optimization Of E-learning System In Oman
2025 PHD International Supervisor Presentation
- 3 An Optimized Federated Learning Framework For Internet Of Vehicles Based On Noise Data And Incremental Data Processing
2024 PHD International Co-Supervisor Completed
- 4 FORECASTING VIRTUAL CURRENCY PRICE BASED ON MACHINE LEARNING MODELS
2025 PHD International Co-Supervisor Presentation
- 5 Chatbots Adoption For Gamification Of Programming Language Learning
2025 PHD National Supervisor Presentation
- 6 THE EFFECT OF E-MODULES INTEGRATED WITH ARTIFICIAL INTELLIGENCE ON SECONDARY SCHOOL STUDENTS' PERFORMANCE, ENGAGEMENT AND MOTIVATION IN LEARNING SCIENCE
2025 PHD National Supervisor In Progress
- 7 TAHAP KESEDIAAN DAN CABARAN MEMBUDAYAKAN PENDIGITALAN DALAM PENGURUSAN ORGANISASI DI SEKOLAH RENDAH PEDALAMAN DAN LUAR BANDAR DI SARAWAK
2025 PHD National Supervisor In Progress
- 8 Kesan Avatar Berbeza Reka Bentuk Terhadap Self-Presence, Efikasi Kendiri Dan Emosi Pelajar
2025 PHD National Co-Supervisor Presentation
- 9 Assessing The Impact Of E-Learning Processes On Individuals Using Comprehensive Assessment Frameworks
2025 Master International Supervisor Presentation
- 10 Training Needs Analysis – Requirements – Propose Training Needs (automated Using AI) And Personalized Learning Approach For Different Age Groups.
2025 Master International Supervisor Presentation
- 11 Network Infrastructure For SMEs And MSME
2025 Master International Supervisor Presentation
- 12 Optimizing Cloud Service Negotiations: A Multi-Attribute, Heterogeneous Approach Through Recommender Systems
2025 Master International Co-Supervisor Presentation
- 13 Global Search Timetabling Optimization Framework Using Artificial Intelligence
2025 Master National Supervisor Presentation

14

Pembangunan Kecerdasan Buatan Dalam Organisasi Dan Hubungkaitnya Dengan Masyarakat

2025 Master National Supervisor Presentation

15

Keberkesanan Penggunaan Generative AI Dalam Membangunkan Aplikasi Mudah Alih Menggunakan Platform Flutter

2025 Master National Supervisor In Progress

CONSULTATION

1	Oman Children`s Nutrition Education Mobile Apps Development	2025	Luban Island	Completed
2	Perunding Program WordPress Web Development for Beginners 2024 Siri 1	2024	Rynet Malaysia Sdn Bhd	Completed
3	PENYEDIA MODUL KEPAKARAN DAN PERUNDING BAGI KURSUS PPK DATA SCIENCE	2023	ASD GLOBAL SOLUTION	Completed
4	Program WordPress Web Development for Beginners	2023	Rynet Malaysia Sdn Bhd	Completed
5	Perundingan Program WordPress Web Developmetn for Beginners	2023	Rynet Malaysia Sdn. Bhd	In Progress
6	Perundingan Program Practical HTML & CSS	2023	Rynet Malaysia Sdn. Bhd	In Progress
7	Program Klinik Kerjaya: Kursus OBS Studio Siri 2	2022	Pusat Aspirasi Anak Perak (PASAK)	In Progress
8	Kursus Pemasaran Digital	2022	Akademi Percukaian Malaysi, Lembaga Hasil dalam Negeri	In Progress
9	Advisory Workshop di Bawah Program Pembangunan CGC: Build Free Website, Free and Fast (Bina Laman Web Sendiri, ianya Mudah & Percuma)	2022	Credit Guarantee Corporation Malaysia Berhad	In Progress
10	Kursus Teknik Copywriting	2022	Institut Latihan Wijaya	In Progress
11	Program Klinik Kerjaya: Kursus Pengendalian Aplikasi Google	2022	Pusat Aspirasi Anak Perak (PASAK)	In Progress
12	Advisory Workshop Program Pembangunan CGC	2021	Credit Guarantee Corporation Malaysia Berhad	In Progress
13	Norma Baharu-E Usahawan Ceburi Bidang Perniagaan Digital	2021	Persatuan Mahasiswa Pengurusan Kekayaan Islam (IWMSA), Unisza	In Progress
14	Klinik Kerjaya : Kursus Pemasaran Digital Siri 5	2021	Pusat Aspirasi Anak Perak (PASAK)	In Progress
15	Bengkel E-Usahawan 2020 (Fasa 3)	2021	Malaysia Digital Economy Corporation (MDEC)	In Progress
16	Advisory Workshop under CGC Developmental Programme : SEO & Build Free Website	2021	Credit Guarantee Corporation Malaysia Berhad	In Progress

17	Kursus Inbound dan Outbound Marketing (ePemasaran) Siri 1	2021	Jabatan Pembangunan Sumber Manusia (JPSM), Sabah	In Progress
18	Program CSR MyFemaleVoice : Usahawan Digital	2021	Citrine One Malaysia	In Progress
19	Klinik Kerjaya : Kursus OBS Studio	2021	Pusat Aspirasi Anak Perak (PASAK)	In Progress
20	Klinik Kerjaya : Kursus Pemasaran Digital Siri 3	2021	Pusat Aspirasi Anak Perak (PASAK)	In Progress
21	Perundingan dan Jurulatih Program e–Usahawan 2021	2021	Malaysia Digital Economy Corporation (MDEC)	In Progress
22	Program Keusahawanan dan Kemahiran Digital bagi JPSM Sabah	2021	Institut Latihan Wijaya	In Progress
23	Projek Perundingan Makmal Usahawan Seni Budaya (MaUS) Negeri Pahang tahun 2020	2020	Jabatan Kebudayaan dan Kesenian Negara (JKKN), Negeri Pahang	In Progress
24	EUsahawanan 2020 (Fasa 1)	2020	Malaysia Digital Economy Corporation Sdn Bhd	In Progress
25	Projek Perundingan Program E–Usahawanan (Usahawanan Digital) PMIUSMKKJ	2020	Persatuan Mahasiswa Islam USM Kampus Kejuruteraan	In Progress
26	Perundingan E–Usahawanan	2020	Malaysia Digital Economy Corporation (MDEC)	In Progress
27	Perundingan bagi Kerjaya Dietitian Cakna Kesihatan Masyarakat Melalui Aplikasi WeDIET	2020	Pusat Pengajian Pemakanan dan Dietetik, Universiti Sultan Zainal Abidin	In Progress
28	Pembekelan Pembinaan Laman Web E–Comerce	2020	Kolej Vokasional Datuk Seri Abu Zahar Isnin	In Progress
29	Projek Perundingan : Menaiktaraf Sistem Aplikasi dan Pangkalan Data Repository Of Nutrition Research in Malaysia (MyRNR)	2026	Bahagian Pemakanan, Kementerian Kesihatan Malaysia melalui UHSB	Completed
30	KURSUS CHATGPT DAN AI	2024	PERBADANAN PERPUSTAKAAN AWAM PAHANG	Completed
31	Penyedia Modul Kepakaran Dan Perunding Bagi Kursus PPK Basic Cloud Practitioner Siri 1/2024 Bagi Pensyarah Politeknik Mersing	2024	ASD GLOBAL SOLUTION (SA0549772-X)	Completed
32	LANTIKAN SEBAGAI PENYEDIA MODUL KEPAKARAN DAN PERUNDING BAGI KURSUS PPK IOT FOR BEGINNER (SIRI 4/2024)	2024	ASD Global Solution	Completed

33	LANTIKAN SEBAGAI PENYEDIA MODUL KEPAKARAN DAN PERUNDING BAGI KURSUS PPK IOT FOR BEGINNER (SIRI 1/2024)	2024	ASD Global Solution	Completed
34	Latihan Kejurulatihan (Training of Trainer) Keusahawanan Digital UPSI-MBPJ	2024	Majlis Bandaraya Petaling Jaya	Completed
35	Kerjasama Pelaksanaan Aktiviti Kesejahteraan Kanak-Kanak (NCDRC)	2024	Kementerian Kesihatan Malaysia (KKM)	Completed
36	Penyedia Modul Kepakaran dan Perundingan Bagi Kursus PPK Basic Cloud Practitioner Siri 1/2023 bagi Pensyarah Politeknik Mersing Johor	2023	ASD Global Solution	Completed
37	Penyedia Modul Kepakaran dan Perundingan Bagi Kursus PPK Basic Cloud Practitioner Siri 2/2023 bagi Pensyarah Politeknik Balik Pulau	2023	ASD Global Solution	Completed
38	Mastering Microsoft Azure Data in Cloud: Student Professional Certification Program	2023	Math Proofreader United Sdn Bhd	Completed
39	Projek Fun Smart Explorer Berasaskan Inkuiri dan Penyelesaian Masalah Untuk Memupuk Kreativiti dan Menerapkan Keseronokan dalam Pembelajaran di Sekolah Tahfiz Integrasi. (KTP UPSI 2022)	2022	Maahad Tahfiz Sains Fatimah Az-Zahrah (MTSFAZ)	Completed
40	Kursus Python Certification and Application in Data Analytic di Pusat Pembangunan Kemahiran Pahang	2022	Pahang Skill Development Centre, Kampus Pahang Skills	Completed
41	Perundingan Hub Pembelajaran Keusahawanan Digital UPSI- Kampung Selamat	2022	Majlis Bandaraya Petaling Jaya	Completed
42	Kursus PPKK IoT Middleware Siri 3/2023 bagi Pensyarah Politeknik Mukah, Sarawak	2023	ASD Global Solution	In Progress
43	Article Journal Reviewer	2023	Southeast Asia Early Childhood Journal	Completed
44	Journal Reviewer	2021	Journal of ICT in Education	Completed
45	Reviewer Manuscript for ICSECS 2021	2021	Universiti Malaysia Pahang	Completed
46	Review of paper that will be published in SCOPUS indexed journal after acceptance	2020	Global Research Conference (GRaCe 2020). UITM Terengganu	Completed
47	Review of a journal article	2020	Artificial Intelligence Review (AIRE)	Completed

48	Review of paper that will be published in SCOPUS indexed journal after acceptance	2020	Global Research Conference (GRaCe 2020). UITM Terengganu	Completed
49	Review of a journal article	2020	Artificial Intelligence Review (AIRE)	Completed
50	Review of paper that will be published in SCOPUS indexed journal after acceptance	2020	Global Research Conference (GRaCe 2020). UITM Terengganu	Completed
51	Ahli Jawatankuasa Penubuhan Fakulti Baharu, Jabatan Komputeran	2022	Universiti Pendidikan Sultan Idris	Completed
52	Panel Penilai Geran Penyelidikan Universiti Strategik	2022	Universiti Pendidikan Sultan Idris	Completed
53	Panel Penilai Geran Penyelidikan Universiti Inovasi Pedagogi (GPUIP) 2021	2021	Universiti Pendidikan Sultan Idris	Completed
54	BENGKEL PENSTRUKTURAN KURIKULUM BAGI PROGRAM BAHARU SARJANA MUDA SAINS KOMPUTER DAN KEJURUTERAAN KOMPUTER DENGAN KEPUJIAN	2020	FSKIK	Completed
55	Review of paper for Journal of ICT in Education	2020	UPSI	Completed
56	Geran Penyelidikan Finishing School Internal Examiner	2020	Universiti Pendidikan Sultan Idris	Completed
57	Editorial Team of Journal of Applied Arts	2030	Scientific Academia Network (Scientiaca)	In Progress
58	Technical Reviewer	2024	Global Academic Excellence (M) Sdn Bhd (GAE)	In Progress
59	Editorial Board for International Journal of Creative Industries (IJCREI)	2021	Global Academic Excellence (M) Sdn Bhd (GAE)	In Progress
60	Review manuscript for Journal of Cloud Computing –CLCO–D–21–00016	2021	Journal of Cloud Computing	In Progress
61	Journal Guest Editor for Pervasive Healthcare: A Compendium of Critical Factors for success	2020	EAI Publishing	In Progress
62	Appointment As Adjunct Lecturer	2021	UCSI	In Progress
63	Ahli Jawatankuasa Penawaran Program Baharu, Sarjana Muda Sains Komputer dan Teknologi Internet Benda dengan Kepujian	2024	Universiti Pendidikan Sultan Idris	In Progress

64	Article Journal Reviewer	2024	journal of ICT in Education UPSI	Completed
65	Paper Reviewer for International conference on Disruptive Technologies (ICDT2023)	2023	GL Bajaj Institute of Technology and Management,India	Completed
66	Reviewer for Journal of Research, Policy & Practice of Teachers and Teacher Education	2023	Pejabat Karang Mengarang	Completed
67	PEREKA BENTUK KANDUNGAN BAGI MODUL KURSUS SIJIL KOMPETENSI CANVA	2023	PUSAT PENDIDIKAN BERTERUSAN UNIVERSITI MALAYA	Completed
68	LANTIKAN SEBAGAI PEREKA BENTUK KANDUNGAN BAGI MODUL KURSUS SIJIL KOMPETENSI LAMAN WEB	2023	PUSAT PENDIDIKAN BERTERUSAN UNIVERSITI MALAYA	Completed
69	PEREKA BENTUK KANDUNGAN BAGI MODUL KURSUS SIJIL KOMPETENSI REKABENTUK E-BOOK	2023	PUSAT PENDIDIKAN BERTERUSAN UNIVERSITI MALAYA	Completed
70	Panel Penilai Geran Penyelidikan Strategik (Translational – MyQ@UPSI)	2024	Fakulti Komputeran Dan Meta-Teknologi	Completed
71	Panel Penilai Permohonan Geran Penyelidikan Komprehensif Universiti (GPKU-FKMT)	2024	Pusat Pengurusan Penyelidikan dan Inovasi	Completed
72	Panel Penilai Geran Penyelidikan Kecerdasan Buatan (AI) Dalam Pendidikan (Educate@UPSI)	2024	Fakulti Komputeran Dan Meta-Teknologi	Completed
73	PENILAI LAPORAN AKHIR GERAN PENYELIDIKAN	2023	PUSAT PENYELIDIKAN PERKEMBANGAN KANAK-KANAK NEGARA (NCDRC)	Completed
74	Associate Editor Journal of ICT in Education (JICTIE)	2025	Faculty of Computing and Meta-Technology	In Progress
75	Reviewers of “THE QUEST: JOURNAL OF MULTIDISCIPLINARY RESEARCH AND DEVELOPMENT	2025	Nueva Ecija University of Science and Technology	In Progress
76	Editorial Team and Paper Reviewer for The Quest: Journal Of Multidisciplinary Research And Development	2025	The Quest: Journal Of Multidisciplinary Research And Development	In Progress

AWARD / RECOGNITION

- 1 BraillePreneur MODULE
2024 International International Innovation Competition (Ino-ICAME) 2024, The 3rd International Conference on Accountin Gold
- 2 Synergetic: Online MOOC Platform for Collaborative Learning
2023 International International Education Innovation Expo (EDU@Innovate) 2023 Gold
- 3 FLEXIO: FLEXIBLE, INCLUSIVE AND OPEN EDUCATIONAL RESOURCES VIRTUAL
TECHNOPREURSHIP INCUBATOR
2022 International InIIC Series 2/2022 Gold
- 4 MOTHER & CHILD RECORD (MYMACER)
2020 International NATIONAL HACKATON FOR DIGITALISING GOVERNMENT SERVICES Gold
- 5 Synergetic: Online MOOC Platform for Collaborative Learning
2024 International MALAYSIA TECHNOLOGY EXPO (MTE) Silver
- 6 PROBLEM SOLVING ORIENTED E-MODULE IN LEARNING AUDIO VIDEO TECHNIQUES VIA
FACEBOOK (PSOMODULE)
2023 International International, Invention & Technology Exhibition (ITEX) 2023 Silver
- 7 FLEXIO: FELXIBLE, INCLUSIVE AND OPEN EDUCATIONAL RESOURCES VIRTUAL
TECHNOPRENEURSHIP INCUBATOR
2022 International PEKIPTA 2022 Bronze
- 8 Editor's Choice Article (Vol. 40, No. 1)
2024 International Journal of Advanced Research in Applied Sciences and Engineering Technology
- 9 BEST PRESENTATION AWARD (TECHNOLOGY)
2022 International Retreat 2022
- 10 FIODEL: FLEXIBLE, INCLUSIVE AND OPEN LEARNING MODEL FOR ENTREPRENEURSHIP COURSE
2022 National TLIF 2022 Gold
- 11 Top Trainer
2020 National Malaysia Digital Economy Corporation Sdn Bhd (MDEC)
- 12 Anugerah Perkhidmatan Cemerlang
2023 University Universiti Pendidikan Sultan Idris
- 13 Anugerah Ahli Akademik Harapan
2023 University Universiti Pendidikan Sultan Idris
- 14 Anugerah Inovasi PdP (Inovasi Pembelajaran Imersif Maya)
2022 University Universiti Pendidikan Sultan Idris
- 15 Anugerah Corporate Social Responsibility
2021 University Universiti Pendidikan Sultan Idris