



ACADEMIA INFO

Scopus ID :
57821227900

WoS ID :
HJA-5457-2022

AREAS OF EXPERTISE

Teknologi Maklumat

SUPERVISION

PhD
Ongoing : 4

Master
Ongoing : 0

Scan here to see
my EXPERT@UPSI



Dr. Nor Masharah Binti Husain

Penyelaras Jaringan Industri, Research Management Centre

✉ masharah@meta.upsi.edu.my

📞 5078

📍 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.

ACADEMIC QUALIFICATION

- 2017 **Doktor Falsafah (Pendidikan Teknologi Maklumat) (Teknologi Maklumat)**
Universiti Pendidikan Sultan Idris
- 2013 **Sarjana Pendidikan (Teknologi Maklumat)**
Universiti Pendidikan Sultan Idris
- 2011 **Ijazaah Sarjana Muda Teknologi Maklumat(Sains Komputer) Dsengan
Kepujian (Teknologi Maklumat)**
Universiti Kebangsaan Malaysia
- 2007 **Diploma Teknologi Maklumat (Teknologi Maklumat)**
Kolej Teknologi Bestari, Terengganu

RESEARCH

- 1 **Pembinaan Modul Dan Pembangunan Kits Pelayan Web Mudah Alih Untuk
Pengajaran Dan Pembelajaran Pembangunan Laman Web**
2021 **Leader** Universiti Pendidikan Sultan Idris
- 2 **The Metaverse In Vocational Education: Development Of An Augmented
Reality Control System (SysContAR) Practical Learning Framework As
Learning Apps For Invention (RC) Student**
2025 **Member**
- 3 **Development Of A 3D Virtual Gallery: Showcasing The Artistry Of Wayang
Kulit Kelantan For Cultural Tourism**
2025 **Member**
- 4 **Model Reka Bentuk Permainan Pembelajaran Menggunakan Antara Muka
Fizikal-Digital (Phygital) Untuk Membantu Perkembangan Sosioemosi
Kanak-Kanak**
2024 **Member** Kementerian Pengajian Tinggi
- 5 **KAJIAN PENILAIAN PROGRAM PENDEKATAN BERSEPADU DI BAWAH
AGENCI ANTIDADAH KEBANGSAAN NEGERI PERAK DALAM KAWASAN
BERISIKO TINGGI (KBT) DI KAMPUNG GAJAH, PERAK**
2021 **Member** Kementerian Dalam Negeri

RESEARCH

- 6 Penilaian Program Pendekatan Bersepadu Di Bawah Agensi Antidadah Kebangsaan Negeri Perak Di Kawasan Rintis Tambun
2021 Member Kementerian Dalam Negeri
- 7 The Development Of A Neoteric Curricular-Based Assessment System For Malaysian Primary School
2024 Member Universiti Pendidikan Sultan Idris
- 8 A Framework Of Teachers` Digital Dan Artificial Intelligence Competencies Upskilling For The Industry 4.0 And Industry 5.0.
2024 Member Universiti Pendidikan Sultan Idris
- 9 Pembangunan Inovasi Penambahbaikan Sistem MyRIMS UPSI
2023 Member Universiti Pendidikan Sultan Idris
- 10 Aplikasi Digital Sebagai Kaedah Pembelajaran Repertoir Hikayat Seri Rama Dalam Kalangan Murid Sekolah Seni Malaysia.
2022 Member Universiti Pendidikan Sultan Idris
- 11 Pembangunan Aplikasi Indikator Kemahiran Literasi Awal Bahasa Melayu (i-KALAM)
2022 Member Universiti Pendidikan Sultan Idris

PUBLICATIONS

- 1 **Exploring the Potential of Wireless Integrated Configuration Technology as a Learning Tool**
Journal of Advanced Research in Applied Sciences and Engineering Technology
2023 SCOPUS First Author
- 2 **NEED ANALYSIS: PORTABLE WEB SERVER DEVELOPMENT KITS FOR TEACHING AND LEARNING**
International Journal of Multimedia and its Applications
2021 Excellent Research Australia (ERA) Correspondence Author
- 3 **Motivation, Attitude and Belief Competency toward Teaching Programming**
International Journal of Academic Research in Business and Social Sciences
2017 Excellent Research Australia (ERA) Correspondence Author
- 4 **The Guideline for the User Interface Design of a Mobile Augmented Reality Learning Application for Children with Learning Difficulties**
International Journal of Academic Research in Business and Social Sciences
2020 Excellent Research Australia (ERA) Correspondence Author
- 5 **The Identification and Validation of the Elements of Problem-Solving Competency of Programming Teachers Based on the Fuzzy Delphi Method**
Science International
2018 Google Scholar 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 Co-Author

7 **Wayang Edu: Digital application for Wayang Kulit Kelantan**
International Journal of Evaluation and Research in Education

2023 SCOPUS Co-Author

8 **Mystalk Alert: A Response to Cyberstalking in Malaysia**
TELEMATIQUE

2022 Academic Journal Co-Author

9 **Mobile Augmented Reality Learning Application for Students with Learning Disabilities**
International Journal of Academic Research in Business and Social Sciences

2020 Excellent Research Australia (ERA) Co-Author

SUPERVISION

- 1 Application Of Virtual Interaction Technology In Digital Display Teaching Practice
2024 PHD International Supervisor Presentation
- 2 Multicriteria Evaluation Framework For Benchmarking Smart E-Tourism Data Management Applications Based On The Proposed Method Of IT2TR-FWZIC Intergrated With VIKOR
2024 PHD National Supervisor Presentation
- 3 Development Of Mobile Learning Framework And Mobile Learning Application To Evaluate Cognitive Performance Via Electroencephalogram (EEG)
2024 PHD National Co-Supervisor Presentation
- 4 Evaluating Usability Attributes Of Mobile Learning Application For Students With Dyslexia
2024 PHD National Co-Supervisor Presentation

CONSULTATION

- 1 Sistem Penilaian & Penjurian Produk Inovasi bagi Pertandingan "National Innovation and Invention Competition 2022 (NIICe2022)
2022 Faculty of Electrical and Electronic Engineering , UTHM In Progress
- 2 Penilai Artikel Journal of Information and Communication Technology in Education (JICTIE)
2022 UPSI Completed
- 3 Penilai Artikel International Interdisciplinary ICT and E2 Practice Conference 2019 (IIPC 2019)
2019 POLITEKNIK Completed
- 4 Penilai Artikel The International Conference on Technology in Education (ICTE 2019)
2019 UPSI Completed
- 5 Penilai Artikel International Interdisciplinary ICT and E2 Practice Conference 2019 (IIPC 2019)
2019 POLITEKNIK Completed
- 6 Penilai Artikel The International Conference on Technology in Education (ICTE 2019)
2019 UPSI Completed
- 7 Penilai Proposal Kolokium Pengajian Siswazah Siri Kedua Semester 1 Sesi 2021/2022
2022 UPSI Completed
- 8 Ahli Bengkel Semakan Semula Program Diploma FSKIK
2022 UPSI Completed
- 9 Ahli Bengkel Pemantapan Struktur Program
2022 UPSI Completed
- 10 Bengkel Pemantapan Pelaksanaan Projek Tahun Akhir Bagi Program Ijazah Sarjana Muda Ijazah Sarjana Muda Pendidikan dan Diploma – Jabatan Komputeran
2022 FSKIK Completed
- 11 Ahli Bengkel Semakan Semula Program Sarjana Muda Pendidikan
2022 FSKIK Completed
- 12 Penilai Proposal Geran Penyelidikan Luar
2022 UPSI Completed
- 13 Ahli Bengkel Pelataan Semakan Kurikulum Program Akademik
2022 UPSI Completed
- 14 Ahli Bengkel Pelarasan Dokumen Semakan Kurikulum Program Pengajian Siswazah (Sarjana Sains)
2021 UPSI Completed
- 15 Penilai Proposal Geran Penyelidikan Universiti Berteras Pendidikan 2020 – 2
2020 UPSI Completed

16	Penilai Proposal Geran Penyelidikan Universiti Berteras Pendidikan 2020 – 1	2020	UPSI	Completed
17	Penilai Proposal Geran Penyelidikan Universiti Berteras Pendidikan 2020 – 2	2020	UPSI	Completed
18	Penilai Proposal Geran Inovasi Pendidikan	2019	UPSI	Completed
19	Penyelaras Program Sarjana Muda Pendidikan Teknologi Maklumat (AT20).	2023	UPSI	In Progress
20	Ahli Bengkel Semakan dan Pemurnian JICTIE ICTE2021	2021	UPSI	In Progress
21	Penyelaras Semakan Kurikulum Program Pengajian Siswazah (Sarjana Sains)	2021	UPSI	In Progress
22	Penyelaras Program ISMP Teknologi Maklumat (AT20)	2021	UPSI	In Progress
23	Panel Penilai MQA UPSI	2021	UPSI	In Progress
24	Ahli Jawatankuasa Semakan bagi Program ISM Kejuruteraan Perisian (AC10)	2020	UPSI	In Progress
25	Penilai Artikel Journal of Information and Communication Technology in Education (JICTIE)	2023	UPSI	Completed
26	Ahli Jawatankuasa Audit Pematuhan MQA	2024	UPSI	Completed
27	Ahli Jawatankuasa Penghasilan Garis Panduan Projek Tahun Akhir Sarjana Muda	2023	UPSI	Completed
28	Ahli Jawatankuasa Audit Pematuhan Program Akademik (APPA)	2024	UPSI	In Progress

AWARD / RECOGNITION

1	Wayang Edu	2023	International	International University Carnival on E- Learning (IUCEL) 2023	Gold
2	AR KANA:MEMORIZE JAPANESE KANA USING AUGMENTED REALITY	2022	International	IUCEL 2022	Gold
3	WAYANG EDU	2022	International	PECIPTA 2022	Gold
4	MyKidsNutri (Aplikasi Mudah Alih Diet Kanak-Kanak)	2019	International	INTERNATIONAL EXHIBITION OF RESEARCH,IDEA & INNOVATION ON CREATIVE AND HUMANIZING 2019	Gold
5	Aplkasi AR Cerita Rakyat	2019	International	INTERNATIONAL EXHIBITION OF RESEARCH,IDEA & INNOVATION ON CREATIVE AND HUMANIZING 2019	Gold
6	Aplikasi Mudah Alih Interaktif Asas Sains Komputer Tingkatan 3: Kriptografi Dalam Keselamatan Data	2019	International	INTERNATIONAL EXHIBITION OF RESEARCH,IDEA & INNOVATION ON CREATIVE AND HUMANIZING 2019	Gold
7	Research Integrated Management System (MyRIMS)	2023	International	International Education Innovation Expo (EDU@Innovate) 2023	Silver
8	Wayang Edu	2023	International	International Education Innovation Expo (EDU@Innovate) 2023	Silver
9	WAYANG EDU	2022	International	ITEX 2022	Silver
10	MY Stalk Alert	2021	International	DIIID JOHOR 2021	Silver
11	Graduat Decision Support System	2019	International	INTERNATIONAL EXHIBITION OF RESEARCH,IDEA & INNOVATION ON CREATIVE AND HUMANIZING 2019	Silver
12	Pantas.io: Gamification to Cultivate Programming Skills for Primary School Students	2023	International	International University Carnival on E- Learning (IUCEL) 2023	Bronze
13	Permainan Pendidikan Digital: Planet Dalam Sistem Suria	2022	International	PRIIN 2022	Bronze
14	Binary Kit	2019	International	INTERNATIONAL EXHIBITION OF RESEARCH,IDEA & INNOVATION ON CREATIVE AND HUMANIZING 2019	Bronze



15 INOVASI PROGRAM : SARJANA MUDA PENDIDIKAN (TEKNOLOGI MAKLUMAT

2019 University CARNIVAL FOR INNOVATION IN TEACHING AND LEARNING 2019 (CiTeL2019) Gold

16 Sijil Penghargaan Perkhidmatan Cemerlang

2022 University Universiti Pendidikan Sultan Idris
