



Prof. Madya Ts. Dr. Shamsul Arrieya bin Ariffin

✉ shamsul@meta.upsi.edu.my
☎ 054505402
📍 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

- 2014 **Ijazah Doktor Falsafah (Kejuruteraan Perisian)**
University Of Technology, Sydney
- 2005 **Sarjana Teknologi Maklumat (Teknologi Maklumat)**
Universiti Teknologi MARA
- 1997 **Ijazah Sarjana Muda dengan Kepujian (Sains Komputer)**
University College London

RESEARCH

- 1 Identifying The Contribution Of Students Generated Activities For
STEM By Bringing Your Own Mobile Devices (BYOD) approach For
Local Educational Context
2020 | Leader | Kementerian Pengajian Tinggi
- 2 Investigation Of Student Generated Activities Using Mobile Devices
For STEM Associated Subject : A Malaysian University Context
2017 | Leader | Universiti Pendidikan Sultan Idris
- 3 Towards An Assessment For Culturally Appropriate Design For
University Mobile Learning Educational Web Site: A Malaysian
University Context
2017 | Leader | Universiti Pendidikan Sultan Idris
- 4 The Usage Of Ict Among The Students At Sekolah Menengah Teknik
Slim River – A Case Study
2008 | Leader | Universiti Pendidikan Sultan Idris
- 5 Garis Panduan Reka Bentuk Budaya Tempatan Untuk Kandungan
Digital
2023 | Leader

ACADEMIA INFO

Scopus ID :
56579961800

WoS ID :
L-6200-2016

Google Scholar :
Shamsul Arrieya Ariffin

AREAS OF EXPERTISE

Teknologi Maklumat

SUPERVISION

PhD
Completed : 5
Ongoing : 4

Master
Completed : 3
Ongoing : 0

Scan here to see
my EXPERT@UPSI



RESEARCH

- 6 A New Cascode Low Noise Amplifier(LNA) With Double Feedback Technique Architecture For LongTerm Evolution(LTE) Application
2021 Member Kementerian Pengajian Tinggi
- 7 Model Konseptual Agen Pedagogi Maya Sebagai Perwakilan Guru Dalam Persekitaran Pembelajaran Multimedia Untuk Education 4.0
2021 Member Kementerian Pengajian Tinggi
- 8 Fleto (Fun Learning Through Origami)
2009 Member Kementerian Pengajian Tinggi
- 9 Development Of A Social Media Analytics System To Increase Prospective Students` Interests In STEM And TVET Education
2022 Member Universiti Pendidikan Sultan Idris
- 10 Rekabentuk Pendorong Penerangan Kendiri Dalam Perisian Permainan Pendidikan IFractions
2017 Member Universiti Pendidikan Sultan Idris
- 11 Penggunaan MOOC (Massive Open Online Courses) Untuk Pembelajaran Kursus Senibina Dan Organisasi Komputer (CAO) Melalui Pendekatan Pembelajaran Teradun
2017 Member Universiti Pendidikan Sultan Idris
- 12 Learning Mathematics Through Games In Primary School Classroom : A Potential Remedial Approach For Academically Weak Students
2015 Member Universiti Pendidikan Sultan Idris
- 13 Deployment Of Hands-on Assembly Language Resources To Facilitate Abstraction In Computer Organization Course
2015 Member Universiti Pendidikan Sultan Idris
- 14 Formulating Learning Model Using Explainable AI (XAI) Agents To Empower Ageing Society In Entrepreneurship And Workforce Re-entry
2028 Member
- 15 MalaysiaAgeNet : Formulation Of A Digital Transformation Framework For Malaysia's Preparation To Become An Aging Nation Using Industry 4.0 Components
2026 Member
- 16 Utilization Of Online Learning Technology In Teaching And Learning Process For Supporting Digital And Creative Thinking In High School Students
2022 Member Binus University
- 17 PERCEPTION & ACCEPTANCE OF PRIVATE CLINICAL SPECIALISTS ON SALARY-BASED WORKING ENVIRONMENT
2021 Member

- 18 Mobile Learning: Student Generated Activities In Development Of Health Promotion Video
 2019 Member Universiti Kebangsaan Malaysia
- 19 Vehicle Recognition System Using RFID Technology For Management System.
 2026 Member
- 20 KAJIAN KEBERKESANAN PENGGUNAAN SISTEM MAKLUMAT BERSEPADU UNIVERSITI (SMBU) DI UNIVERSITI PENDIDIKAN SULTAN IDRIS
 2024 Member
- 21 Pembangunan Model Kerja Lapangan Untuk Pengajaran Dan Pembelajaran Kejuruteraan Perisian
 2018 Member Universiti Pendidikan Sultan Idris
- 22 A Classification Of Computational Thinking Model Based On Computational Thinking Abilities Among Tertiary Students In Game-Based Learning Activity
 2018 Member Universiti Pendidikan Sultan Idris
- 23 Re-Engineering Computer Architure And Organization (COA) Course Learning Structure With Green Computing Project-Based Learning Using Massive Open Online Course (MOOC)
 2018 Member Universiti Pendidikan Sultan Idris

PUBLICATIONS

- 24 **Enhancing Healthcare Data Security and Integrity through Blockchain Technology in Hospital Information Systems**
 International Journal of Engineering, Science and Information Technology
 2025 Google Scholar Co-Author
 Correspondence Author
- 25 **Fuzzy Delphi Method: A Step-by-Step Guide to Obtaining Expert Consensus on Mobile Tourism Acceptance Culture**
 International Journal of Advanced Computer Science and Applications
 2025 SCOPUS Co-Author
 Correspondence Author
- 26 **Mobile Tourism Research and Practices: A Comprehensive Bibliometric Exploration and Future Study Direction**
 Journal of Advanced Research in Applied Sciences and Engineering Technology
 2024 SCOPUS Co-Author
 Correspondence Author
- 27 **The Contribution of Cultural Factors to Mobile Learning Acceptance in Chinese Higher Education**
 Journal of Advanced Research in Applied Sciences and Engineering Technology
 2025 SCOPUS Co-Author
 Correspondence Author

- 28 **Bibliometric analysis of mobile learning user experience industrial revolution 5.0**
International Journal of Evaluation and Research in Education (IJERE)
2024 SCOPUS First Author
Correspondence Author
-
- 29 **TEACHERS' EVALUATION OF MALAYSIAN TRADITIONAL DRUM AUGMENTED REALITY APPLICATION**
Journal of Modern Technology and Engineering
2023 Google Scholar Correspondence Author
-
- 30 **A Review on Cultural Design Elements for Mobile Applications User Interface**
International Journal of Interactive Mobile Technologies
2022 SCOPUS Correspondence Author
-
- 31 **A Propose Concept for Mobile Learning Financial Literacy at Malaysian Elementary School**
Journal of ICT in Education
2022 Malaysian Citation Index Correspondence Author
-
- 32 **A Conceptual Proposal for Mobile Learning Interactive Courseware for Basic French–Malay**
Journal of ICT in Education
2021 Non Index Correspondence Author
-
- 33 **Incorporating Cultural Design Elements in Mobile Applications Creative Industries in Malaysia: A Conceptual Study**
Journal of ICT in Education
2021 Non Index Correspondence Author
-
- 34 **Proposing an M–Government Framework for the Ministry of Housing in Oman: For Efficient Digital Literacy and Services**
International Journal of Mobile and Blended Learning
2021 SCOPUS Correspondence Author
-
- 35 **The Planned Requirements for a Distributed, SystematicCitizen–Centred Design, Intelligent Health Management System Post COVID–19 Pandemic for a Developing Country**
Turkish Journal of Computer and Mathematics Education (TURCOMAT)
2021 Academic Journal Correspondence Author
-
- 36 **Preliminary Insights on Investigating Existing Mobile Ethics through Mobile Learning for a Local Context**
International Journal of Academic Research in Business and Social Sciences
2019 Excellent Research Australia (ERA) Correspondence Author
-
- 37 **An Assessment of Culturally Appropriate Design: A Malaysian University Context**
International Journal of Interactive Mobile Technologies
2018 SCOPUS First Author
-
- 38 **A Preliminary Investigation of Malaysian Students Daily Use of Mobile Devices as Potential Tools for STEM in a Local University Context**
International Journal of Interactive Mobile Technologies
2018 SCOPUS First Author

- 39 **An In-depth Assessment of Culturally Appropriate Design for a University Mobile Learning Educational Website (MLearn): A Malaysian University Context**
International Journal of Academic Research in Business and Social Sciences
2018 Excellent Research Australia (ERA) First Author
-
- 40 **Preliminary Descriptive Insights into Student Generated Activities for STEM subjects through Mobile Learning in a Malaysian University Context**
International Journal of Academic Research in Business and Social Sciences
2018 Excellent Research Australia (ERA) First Author
-
- 41 **An Assessment of Culturally Appropriate Design: A Malaysian University Context**
International Journal of Interactive Mobile Technologies
2018 SCOPUS First Author
-
- 42 **A preliminary investigation of Malaysian students daily use of mobile devices as potential tools for STEM in a local university context**
International Journal of Interactive Mobile Technologies
2018 SCOPUS First Author
-
- 43 **Preliminary Descriptive Insights into Student Generated Activities for STEM subjects through Mobile Learning in a Malaysian University Context**
International Journal of Academic Research in Business and Social Sciences
2018 Excellent Research Australia (ERA) First Author
-
- 44 **A COMPARATIVE ANALYSIS FOR THE ENHANCEMENT OF DESIGN OF LOCAL CULTURAL MOBILE APPLICATIONS**
Journal of Personalized Learning
2020 Non Index Correspondence Author
-
- 45 **Early Investigation of the Impact of Mobile Learning Ethics Student-Generated Activities for STEM Subjects in a Local Malaysian University Context**
International Journal of Interactive Mobile Technologies
2020 SCOPUS Correspondence Author
-
- 46 **Early Investigation of the Impact of Mobile Learning Ethics Student-Generated Activities for STEM Subjects in a Local Malaysian University Context**
International Journal of Interactive Mobile Technologies
2020 SCOPUS Correspondence Author
-
- 47 **Mobile Learning in the Institution of Higher Learning for Malaysia students : Culture Perspectives**
International Journal on Advanced Science, Engineering and Information Technology
2011 SCOPUS Correspondence Author
-
- 48 **Content is King: Malaysian Industry Experts Point of View on Local Content for Mobile Phones**
Journal of Mobile Technologies, Knowledge and Society
2012 Google Scholar Correspondence Author
-
- 49 **An In-depth Assessment of Culturally Appropriate Design for a University Mobile Learning Educational Website (MLearn): A Malaysian University Context**
International Journal of Academic Research in Business and Social Sciences
2018 Excellent Research Australia (ERA) First Author

- 50 **A Comparative Analysis for the Enhancement of Design of Local Cultural Mobile Applications**
Journal of ICT in Education
2017 Non Index First Author
-
- 51 **A COMPARATIVE ANALYSIS FOR THE ENHANCEMENT OF DESIGN OF LOCAL CULTURAL MOBILE APPLICATIONS**
Journal of Personalized Learning
2017 Non Index First Author
-
- 52 **Investigating the Daily Use of Mobile Phones for Local Cultural Subjects in the Malaysian Universities Context**
International Journal of Mobile and Blended Learning
2016 SCOPUS First Author
-
- 53 **Academic Perspectives on the Challenges and Opportunities for Student Generated Mobile Content in Malaysia**
International Journal of Mobile and Blended Learning
2016 SCOPUS First Author
-
- 54 **En Route for the sustainability of digital local content for mobile learning to preserve Malay Local Cultural Heritage**
International Journal of Interactive Digital Media
2016 Non Index First Author
-
- 55 **Mobile Learning: Student-Generated Activities among Post-Graduate Students in the Field of Public Health Promotion**
International Journal of Public Health Research
2025 Malaysian Citation Index Co-Author
-
- 56 **Enhancement study of electronic component size measurement and defect detection based on machine vision**
AIP Advances
2025 SCOPUS Co-Author
-
- 57 **SAMF-YOLO: A self-supervised, high-precision approach for defect detection in complex industrial environments**
PLoS ONE
2025 Web of Science Co-Author
-
- 58 **A Novel MoCo-Based Self-Supervised Learning Framework for Solar Panel Defect Detection**
IEEE Access
2025 SCOPUS Co-Author
-
- 59 **Student Interaction Recognizer Model (Sirm): A Deep Learning Framework for Real-Time Student Engagement Monitoring in the United Arab Emirates**
International Journal of Multidisciplinary and Current Educational Research (IJMCER)
2025 Google Scholar Co-Author
-
- 60 **Confronting the Mental Health among Muslim Community: The use of Al-Ghazali approach**
International Journal of Research and Innovation in Social Science (IJRISS)
2024 Excellent Research Australia (ERA) Co-Author

- 61 **Enhancing V2x Communication in Intelligent Vehicles Using Deep Learning Models**
International Journal of Academic Research in Business and Social Sciences
2024 Excellent Research Australia (ERA) Co-Author
-
- 62 **Design and Evaluation of Cryptographic Algorithms for Secure Data Transmission in Iot Networks**
International Journal of Academic Research in Business and Social Sciences
2023 Excellent Research Australia (ERA) Co-Author
-
- 63 **Development of Blockchain Framework to Enhance Data Integrity in Healthcare Information Systems in Jiangxi, China**
International Journal of Academic Research in Business and Social Sciences
2023 Excellent Research Australia (ERA) Co-Author
-
- 64 **Deep Transfer Learning for Industrial Automation for Smart Vehicles for Data Driven Machine Learning: A Novel Framework**
International Journal of Academic Research in Business and Social Sciences
2024 Excellent Research Australia (ERA) Co-Author
-
- 65 **Exploring determinants of M-government services for the Ministry of Housing: a study from the citizens' perspective in Oman**
Electronic Government
2024 SCOPUS Co-Author
-
- 66 **Recent advancements in postpartum depression prediction through machine learning approaches: a systematic review**
Bulletin of Electrical Engineering and Informatics
2024 SCOPUS Co-Author
-
- 67 **A comparative study of mobile learning implementation modes**
International Journal of Computing and Information Technology
2023 Google Scholar Co-Author
-
- 68 **Research on the system and method of online learning provided by mobile learning environment**
International Journal of Advanced Research in Education and Society
2023 Malaysian Citation Index Co-Author
-
- 69 **Virtual Teaching Assistant for Capturing Facial and Pose Landmarks of the Students in the Classroom Using Deep Learning**
International Journal of e-Collaboration (IJeC)
2023 SCOPUS Co-Author
-
- 70 **A Comparative Analysis Of Local Culture M-Government Application In MGFHSA Between Omani Citizens In The Public And Private Sectors**
Journal of Positive School Psychology (JPSP)
2022 Google Scholar Co-Author
-
- 71 **The Development of Cascode Low Noise Amplifier with Double Feedback Technique Architecture for Wireless Communication**
Journal of Advanced Research in Fluid Mechanics and Thermal Sciences
2021 SCOPUS Co-Author
-

- 72 **A Classification of Computational Thinking Model Based on Computational Thinking Abilities in Game-Based Learning Activities**
Turkish Journal of Computer and Mathematics Education (TURCOMAT)
2021 SCOPUS Co-Author
-
- 73 **Finger Vein Biometrics: Taxonomy Analysis, Open Challenges, Future Directions, and Recommended Solution for Decentralised Network Architectures**
IEEE Access
2020 SCOPUS Co-Author
-
- 74 **THE IMPACT OF COMMUNITY-BASED FIELDWORK EXPERIENCES ON AFFECTIVE DOMAIN AMONG SOFTWARE ENGINEERING UNDERGRADUATES**
Humanities and Social Sciences Reviews
2019 SCOPUS Co-Author
-
- 75 **The Acceptance Factors and Effectiveness of MOOC in the Blended Learning of Computer Architecture and Organization Course**
International Journal of Advanced Trends in Computer Science and Engineering
2019 SCOPUS Co-Author
-
- 76 **Real-Time Medical Systems Based on Human Biometric Steganography: a Systematic Review**
Journal of Medical Systems
2018 SCOPUS Co-Author
-
- 77 **Development of Self-Explanation Prompt in I-Fractions**
International Journal of Recent Technology and Engineering (IJRTE)
2019 SCOPUS Co-Author
-
- 78 **Real-Time Medical Systems Based on Human Biometric Steganography: a Systematic Review**
Journal of Medical Systems
2018 SCOPUS Co-Author
-
- 79 **The Acceptance Factors and Effectiveness of MOOC in the Blended Learning of Computer Architecture and Organization Course**
Advanced Science Letters
2017 Excellent Research Australia (ERA) Co-Author
-
- 80 **A Classification of Computational Thinking Model Based on Computational Thinking Abilities in Game-Based Learning Activities**
Psychology and Education
2020 SCOPUS Co-Author
-
- 81 **Usability of Electrical E-Wiring Module Using Mobile Apps**
International Journal of Education, Science, Technology, and Engineering (IJESTE)
2020 Google Scholar Co-Author
-
- 82 **HIGH FREQUENCY OF CASCODE LNA USING T-MATCHING NETWORK FOR LTE APPLICATION**
International Journal of Industrial Electronics and Electrical Engineering (IJIEEE)
2020 Google Scholar Co-Author
-



83 **The Impact of Community-Based Fieldwork Experiences On Affective Domain Among Software Engineering Undergraduates**
International Journal of Psychosocial Rehabilitation
2020 Excellent Research Australia (ERA) Co-Author

84 **High frequency of low noise amplifier architecture for WiMAX application: A review**
International Journal of Electrical and Computer Engineering
2021 SCOPUS Co-Author

85 **The Development Process of Awang Sains 2D Digital Mobile Game**
Journal of ICT in Education
2019 Non Index Co-Author

SUPERVISION

- 1 M-Government Acceptance Framework For The Ministry Of Housing And Urban Planning In Oman
2023 PHD International Supervisor Completed
- 2 Development And Evaluation Of Mobile Tourism Culture Acceptance Framework Based On TAM And Hofstede's Cultural Dimension
2026 PHD International Supervisor Waiting for Viva
- 3 Mobile Learning Acceptance Framework For Chinese Colleges In Chongqing
2026 PHD International Supervisor Waiting for Viva
- 4 Penilaian Kerangka Kerja Aplikasi Mudah Alih Hafazan Al-Quran Berdasarkan Pemikiran Reka Bentuk Dalam Konteks Indonesia
2026 PHD International Supervisor Presentation
- 5 Development Of The Metaverse Heritage Information System (MHIS) Framework For The Preservation Of Intangible Cultural Heritage Batak Toba Community In Indonesia
2026 PHD International Supervisor Presentation
- 6 The Model Of Intention And Actual Use Of Mobile Learning In Iraqi Higher Education Institutions
2021 PHD International Co-Supervisor Completed
- 7 A Novel Method For Secure Finger Vein Biometric During User Authentication Process Based On Blockchain-PSO-AES Techniques
2019 PHD International Co-Supervisor Completed
- 8 Student Interaction Recognizer Model: Utilizing Convolutional Neural Networks And Long Short-Term Memory Networks Towards An Effective Students' Engagement Prediction
2026 PHD International Co-Supervisor Completed
- 9 Pembangunan Dan Penilaian Keberkesanan Kit Pengaturcaraan Berkonsepkan IoT Melalui Pendekatan PdP STEM
2024 PHD National Co-Supervisor Completed
- 10 The Development Of Cultural Design Guidelines For Mobile Applications For Creative Industry Developers
2024 Master National Supervisor Completed
- 11 Pembangunan Dan Pengujian Heuristik Permainan Video Mobil Awang Sains Menggunakan Kaedah Fuzzy Delphi
2021 Master National Supervisor Completed
- 12 Penerimaan Dan Kepenggunaan VLE FROG Sebagai Medium Pengajaran Dalam Kalangan Guru Sekolah Rendah Jenis Kebangsaan (Tamil)
2022 Master National Co-Supervisor Completed

CONSULTATION

- 1 International Information Technology Requirement (Needs) Kyrgyz–Malaysian Corporation (KMC)
2022 Kyrgyz–Malaysian Corporation (KMC) Completed
- 2 PERUNDING KURSUS CPCM INOVASI DALAM PDP (APLIKASI BERASASKAN KECERDASAN BUATAN) ASAS
2025 AENA EHSAN RESOURCES Completed
- 3 PERUNDING KURSUS MEMPERKASA PENULISAN ARTIKEL AKADEMIK DENGAN TEKNOLOGI KEPINTARAN BUATAN (ARTIFICIAL INTELLIGENCE) BAGI PENSYARAH DARUL QURAN JAKIM
2025 JAKIM Completed
- 4 Festival Filem Pelajar Malaysia (FFPM) 2022
2022 Perbadanan Kemajuan Filem Nasional Malaysia (FINAS) In Progress
- 5 Reviewer of International Journal of Information and Learning Technology
2024 Emerald Completed
- 6 Reviewer for Electronic Government, an Int. J
2023 Inderscience Completed
- 7 IEEE Access Journal Reviewer
2023 IEEE Access Completed
- 8 Reviewer for Emerald Journal
2023 Emerald Completed
- 9 Reviewer for Sustainability Journal
2023 MDPI Completed
- 10 Reviewer for CHIUXID Indonesia
2022 CHIUXID Completed
- 11 Reviewer for IJMBL "A RADICAL APPROACH TO CURRICULUM DESIGN: ENGAGING STUDENTS THROUGH AUGMENTED REALITY"
2022 International Journal of Mobile and Blended Learning (IJMBL) Completed
- 12 Reviewer for Inderscience Publishers Journal, "How do governments build their social networks for COVID-19 according to administrative levels"
2022 Inderscience Publishers Completed
- 13 Penilai Laporan Geran Akhir Penyelidikan Sumitomo
2022 Sumitomo Completed
- 14 International Journal of Game-Based Learning (IJGBL) Reviewer
2022 International Journal of Game-Based Learning (IJGBL) Completed

- 15 Reviewer for "Learning Analytics: A Comparison of WEIRD and Non-WEIRD Research" for IEEE Access
2022 IEEE Completed
-
- 16 Reviewer for Sustainability Journal, "Gamified Text Testing for Sustainable Fairness"
2022 Sustainability Completed
-
- 17 Reviewer for IEEE Access Journal, "Technological Spotlights of Digital Transformation in Tertiary Education"
2022 IEEE Access Completed
-
- 18 Reviewer for Emerald Journal, reviewing 'Using educational technologies (Padlet) for student engagement – reflection from the Australian classroom'
2022 Emerald Publishing Completed
-
- 19 Panel Penilai Geran Swasta Pengecualian Cukai (DTD)
2021 DTD Completed
-
- 20 International Journal of Mobile and Blended Learning (IJMBL) Reviewer for article Chinese University Students' Metacognitive Strategy Use in Language Acquisition A Flipped Learning Perspective
2021 IGI International Completed
-
- 21 Reviewer Proposal Implication of Software Engineering Using AI towards Empirical and Educational Software System for Md Jobair Hossain Faruk
2020 UPSI Completed
-
- 22 Reviewer for International Journal of Mobile and Blended Learning (IJMBL) article titled "Designing a Moodle-based textbook for an academic writing course"
2020 IGI Global Completed
-
- 23 Reviewer for Computer and Education Journal ISI (Q1)
2019 Elsevier Completed
-
- 24 Reviewer for International Journal of Mobile and Blended Learning ISI (Q3)
2019 IGI Global Completed
-
- 25 Evaluator for International Journal of Mobile and Blended Learning
2018 International Journal of Mobile and Blended Learning Completed
-
- 26 Reviewer for ICRIIS 2017:
2018 UTM Completed
-
- 27 Evalautor Final Year Exam Undergraduate Sem1 2017 / 2018
2018 FSKIK Completed
-
- 28 Reviewer
2018 iCiCSE-2018 Completed
-
- 29 Reviewer for Computers and Education Journal
2017 Elseviers Completed

- 30 Reviewer for IJMBL Journal Article
2017 International Journal of Mobile and Blended Learning Completed
- 31 Penilai Proposal PhD " The impact of internet and web computing for the performance of using Wireless Technology in the world special preferences using
2017 IPS Completed
- 32 Lantikan "ajk icte 2017"
2017 UPSI Completed
- 33 PInternational Journal of Mobile and Blended Learning "We had a blast, An affirmation of empirical blended learning as preferred learning mode for adult learners"
2017 International Journal of Mobile and Blended Learning Completed
- 34 Journal Editor JICTIE
2016 UPSI Completed
- 35 Reviewer for Article Journal We had a blast! An Empirical Affirmation of a Blended Learning as the Preferred Learning Mode for Adult Learner
2016 International Journal of Mobile and Blended Learning Completed
- 36 Reviewer for IJMBL Article Student Voice in Mobile Phone Environment
2016 UPSI Completed
- 37 Reviewer for Mobile Learning in Asia Pacific
2016 Springer Completed
- 38 Article Proceeding ICICT@EDU 2016 Reviewer
2016 UPSI Completed
- 39 Reviewer for International Journal of Mobile and Blended Learning for Article "Student Voice in Mobile Phone Environment"
2016 International Journal of Mobile and Blended Learning Completed
- 40 Reviewer for International Journal of Mobile and Blended Learning ""A Blended Approach to Promote Teaching and Learning English for Dental Purposes Using WhatsApp"
2016 International Journal Mobile and Blended Learning Completed
- 41 Penilai Geran Frgs
2020 Upsi Completed
- 42 Penilai Tesis Pelajar Master Mod B "Hubungan Sikap, Minat dan Kemahiran Penggunaan Perisian Screen Readers with Speech (JAWS) dengan pencapaian dalam Pembelajaran Literasi Komputer
2016 UPSI Completed
- 43 Examiner for, Al-Qaysi Noor Jasim Muhi, Program : PhD, "Evaluating The Adoption of Social Media in The Higher Educational Institutions in Oman through A Comprehensive Theoretical Model"
2022 UPSI Completed

- 44 Penilai Geran FRGS UPSI
2022 UPSI Completed
- 45 Penilai Geran Gpubp
2020 Upsi Completed
- 46 Penilai Geran GPU 2019
2019 Upsi Completed
- 47 Internal Examiner Thesis Tasaratha Rajan al Anamalia titled The effectiveness of Khoot mobile learning application for interest and achievement of the students in Math topic Basic Operations
2019 UPSI Completed
- 48 Evalautor for Final Report "Development and Awareness of Public Music Instruments Using Augmented Reality through Mobile Learning
2018 UPSI Completed
- 49 Evaluator for Final Report "The teachings aids for Mathematics subject via mobile augmented reality (MAR) for standard six students
2018 FSKIK Completed
- 50 Evaluator fo Research Proposal "Develop a framework for evaluation and benchmarking young learners English Language Mobile Applications"
2018 FSKIK Completed
- 51 Evaluator for PhD PProposal "IOT in Education: Visual Object Integration in Learning Programming at Matriculation college
2018 UPSI Completed
- 52 Evaluator for Final Report "Development of an Educational Framework for Final Year Project Based on the Ability Observation of the Largest Scale of Students Data Using Multi Criteria Analysis
2018 UPSI Completed
- 53 Evaluator for Phd Findings "xamining the Effectiveness of Learning Fundamental Object-Oriented Programming Paradigm through the Proprietry Game-Based Learning Game
2018 UPSI Completed
- 54 Evaluator for PhD Findings "A new Methodology Classify for the FYP students based on SDLC Levels and Mult Criteria Learning Outcome
2018 FSKIK Completed
- 55 Penilai Defend Proposal PhD "Perkembangan dan survival industri penerbitan majalah online di Malaysia: Tumpuan terhadap Karya Terbitan Media Glam Sdn Bhd
2018 FSKIK Completed
- 56 Evaluator PhD Proposal "Mobile technology impact on infants and toddlers: Examining ways to improve learning skills through touch technology
2018 UPSI Completed

- 57 Evaluator for PhD Findings "A New Methodology for Evaluation and Benchmarking of Multi-Class Classification for Acute Leukemia Using Multi Criteria Analysis"
2018 UPSI Completed
-
- 58 Evaluator for PHD proposal "Evaluation of Human Computer Interface Design in Malaysia Online Banking Website"
2018 UPSI Completed
-
- 59 Penilai Pakar PhD instrument
2017 UPSI Completed
-
- 60 Evaluator – Phd Proposal – Energy Efficiency Optimization of Next Generation Heterogeneous Cellular Network
2017 FSKIK Completed
-
- 61 Penilai Proposal Presentation Examining the effect of Mobile Augment Reality App on the Creative Thinking of the PreSchoolers
2016 UPSI Completed
-
- 62 Penilai proposal PhD "The relationship between MISS and Factors of Information Security in determining the secure of IS in an organisation"
2016 UPSI Completed
-
- 63 Penilai proposal PhD "Deteksi virus menggunakan algoritma CRC32 and MD52 pada smartphone Android"
2016 UPSI Completed
-
- 64 Penilai Geran GPU
2016 UPSI Completed
-
- 65 Penilai proposal PhD "Design a Telemedicine Images Compression Approach"
2016 UPSI Completed
-
- 66 Penilai proposal PhD, "3D Programming: Mobile Learning Application for Enhancement of Teaching tool in Java programming"
2016 UPSI Completed
-
- 67 Editorial Board JICTIE
2023 UPSI In Progress
-
- 68 Jictie Editor
2020 UPSI In Progress
-
- 69 Editorial Board of International Journal of Creative Industries (IJCREI)
2020 Global Academic Excellence In Progress
-
- 70 Computers & Education Elsevier Journal Reviewer title Analysis of the determining factors of good teaching practices of mobile learning at the Spanish University. An explanatory model
2020 Elsevier In Progress

- 71 Editorial Board of International Journal of Creative Industries (IJCREI)
 2019 Global Academic Excellence In Progress
-
- 72 Penilai Program Luar Ijazah Sarjana Muda Teknologi Kreatif dengan Keahlian, Fakulti Teknologi Kreatif Dan Warisan, Universiti Malaysia Kelantan
 2032 Universiti Malaysia Kelantan In Progress
-
- 73 Evaluator for FRGS Grant
 2021 RMIC In Progress
-
- 74 "A Blockchain-Assisted Hybrid Deep-Learning-Driven Architecture for Improving the Survivability and Data Authority in Internet of Things Based Wireless Sensor Networks
 2024 Transactions on Consumer Electronics Completed
-
- 75 Engagement and Brand Recall in Software Developers: An Eye-Tracking Study on Advergaming
 2024 IEEE ACCESS Completed
-
- 76 A Blockchain-Assisted Hybrid Deep-Learning-Driven Architecture for Improving the Survivability and Data Authority in Internet of Things Based Wireless Sensor Networks
 2024 Transactions on Consumer Electronics Completed
-
- 77 Understanding How AI Chatbots Influence EFL learners' Oral English Learning Motivation and Outcomes: Evidence from Chinese learners
 2024 IEEE ACCESS Completed
-
- 78 Enhancing Crowd Management Mobile Apps with UX Design to Promote Sustainable Behaviour
 2024 International Journal of Sustainable Tropical Design Research and Practice Completed
-
- 79 Understanding How AI Chatbots Influence EFL learners' Oral English Learning Motivation and Outcomes: Evidence from Chinese learners – IEEE Access Reviewer
 2024 IEEE Access Reviewer Completed
-
- 80 PhD examiner for thesis "A Model for the Delivery of Taekwondo Education for Officials in the Oceania Region" by Rene Raymond Leveaux University Technology of Sydney
 2023 University Technology of Sydney Completed
-
- 81 PhD Thesis Examiner Lifu LI –University Technology Sydney title "Influencing Factors of the Online start-ups for Young Ethnic Minority Groups on the Live Social Platform"
 2022 University Technology Sydney Completed
-
- 82 PHD THESIS EXAMINER – MASYURA BINTI AHMAD FAUDZI Universiti Tenaga Nasional. The thesis, titled "A USER INTERFACE DESIGN FRAMEWORK FOR IMPROVING COGNITIVE LOAD IN MOBILE LEARNING
 2025 UNITEN Completed
-
- 83 PhD Thesis Examiner Hafizah Abdullah "An Extended IxD Based Digital Graphic Novel Model Capturing Aesthetics Values and Measures into the Design
 2025 UUM Completed

- 84 Examiner for Sophia with thesis Software development Team Velocity Prediction System for MMaster of Software Engineering (Software Technology)
2024 Universiti Malaya Completed
-
- 85 EVALUATOR FOR SOFTWARE ENGINEERING, MD MOHIUDDIN IN MASTER TOPIC: DESIGN AND IMPLEMENTATION OF EMOJI COMPONENT FOR PRESERVING MALAY CULTURAL CONTEXT FOR TEXT-BASED COMMUNICATION IN SOCIAL MEDIA
2023 UNIVERSITI MALAYA Completed
-
- 86 Panel Penilai GERAN Penyelidikan Strategik (Translasional – MyQ@UPSI)
2024 UPSI Completed
-
- 87 Revolutionizing Learning: User Experience Evaluation of theC#Venture Application Using the User Experience Questionnaire (UEQ)
2024 JICTIE Completed
-
- 88 Senior Technical Reviewer
2033 IJCREI In Progress
-
- 89 PEMERIKSA LUAR PROGRAM DIPLOMA GAMES TECHNOLOGY DESIGN
2028 GERMAN-MALAYSIAN INSTITUTE In Progress
-
- 90 Adjunct Professor for City University
2025 City University In Progress
-
- 91 Main Supervisor to PhD in IT at City Uni – Huang Jun with thesis title "A Deep Learning-Enhanced Machine Vision Framework for Automated Real-Time Quality Control in Manufacturing" – Passed Viva
2025 City University In Progress
-
- 92 Main Supervisor to PhD in IT at City Uni – Jiang Wei, with thesis title "Road Extraction Model for Remote Sensing Images Based on Improved U-Net" – Passed Viva
2025 City University In Progress
-
- 93 Main Supervisor for City University student, Duan Yan Bei with thesis title, "Enhancing Deep Transfer Learning Framework for Object Detection in Smart Vehicles" – Passed Viva
2025 City University In Progress
-
- 94 PEMERIKSA LUAR UNIVERSITI TEKNOLOGI MALAYSIA (UTM)
2026 UTM In Progress
-

AWARD / RECOGNITION

- 1 CARS : UPSI CAR RENTAL SYSTEM
INTERNATIONAL EXHIBITION OF RESEARCH,IDEA & INNOVATION ON CREATIVE AND HUMANIZING 2019
2019 International INTERNATIONAL EXHIBITION OF RESEARCH,IDEA & INNOVATION ON CREATIVE AND HUMANIZING 2019 Gold
- 2 MCOMPSC
INTERNATIONAL EXHIBITION OF RESEARCH,IDEA & INNOVATION ON CREATIVE AND HUMANIZING 2019
2019 International INTERNATIONAL EXHIBITION OF RESEARCH,IDEA & INNOVATION ON CREATIVE AND HUMANIZING 2019 Gold
- 3 DRUMMING AUGMENTED REALITY
INTERNATIONAL EXHIBITION OF RESEARCH,IDEA & INNOVATION ON CREATIVE AND HUMANIZING 2019
2019 International INTERNATIONAL EXHIBITION OF RESEARCH,IDEA & INNOVATION ON CREATIVE AND HUMANIZING 2019 Silver
- 4 MOBILE LEARNING : STUDENT GENERATED ACTIVITIES IN DEVELOPMENT OF HEALTH PROMOTION VIDEO
ITEX 2019
2019 International ITEX 2019 Silver
- 5 MUZIUM PENDIDIKAN NASIONAL AR
INTERNATIONAL EXHIBITION OF RESEARCH,IDEA & INNOVATION ON CREATIVE AND HUMANIZING 2019
2019 International INTERNATIONAL EXHIBITION OF RESEARCH,IDEA & INNOVATION ON CREATIVE AND HUMANIZING 2019 Bronze
- 6 UPSI SPORT CENTER
INTERNATIONAL EXHIBITION OF RESEARCH,IDEA & INNOVATION ON CREATIVE AND HUMANIZING 2019
2019 International INTERNATIONAL EXHIBITION OF RESEARCH,IDEA & INNOVATION ON CREATIVE AND HUMANIZING 2019 Bronze
- 7 Mobile Learning : Student Generated Activities in Development of Health Promotion Video
Melaka International Intellectual Exposition 2019
2019 International Melaka International Intellectual Exposition 2019 Bronze
- 8 BEST PAPER AWARD: SOFTWARE EFFECTIVENESS IN CULTURAL APPLICATIONS: A SYSTEMATIC REVIEW OF USABILITY, UX, AND AR/VR/AI INTEGRATION (2015–2025)
International Conference on ICT in Education 2025
2025 International International Conference on ICT in Education 2025
- 9 Best Paper Award
International Conference on Industry 4.0 (ICI4)
2022 International International Conference on Industry 4.0 (ICI4)
- 10 Best Technology Paper Award
Kaizenrenovation
2019 International Kaizenrenovation

- 11 Cultivating A Culture of A Smart Educational Environment Application fo Mlearning
K-Novasi
2019 National K-Novasi Silver
-
- 12 NATIONAL RESEARCH & INNOVATION COMPETITION 2009 as supervisor for Mobile Batik & Songket
NRIC
2009 National NRIC Silver
-
- 13 MCulture (Mobile Culture): Towards Sustainable mLearning in Local Cultural Studies (LCS)
National University Carnival of E-Learning (NUCEL) 2015
2016 National National University Carnival of E-Learning (NUCEL) 2015 Bronze
-
- 14 MCULTURE : TOWARDS A SUSTAINBLE mLEARNING IN LOCAL CULTURAL STUDIES (LCS)
National University Carnival On E-Learning (NUCEL 2015)
2015 National National University Carnival On E-Learning (NUCEL 2015) Bronze
-
- 15 Development and Evaluate of Advance Library System UPSI Research & Inovation Expo 2009 as supervisor
RMC
2009 University RMC Gold
-
- 16 Learning Colors and Alphabet Using Java Applet from UPSI Research & Inovation Expo 2007 (EKSPIN '07)
UPSI RMC
2007 University UPSI RMC Bronze
-