

PROF. MADYA TS. DR. ZULKIFLY BIN MOHD ZAKI

PENSYARAH UNIVERSITI DS14

CONTACT

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FACULTY

Fakulti Sains Dan Teknologi

SUPERVISION

	COMPLETED	ONGOING
PhD	0	1
Master	0	0

AREAS OF EXPERTISE

- Software Design And Architecture
- Mobile Computing
- Business Information System (including Enterprise Systems, Business Process Management And Management Information System)

ACADEMIC QUALIFICATION

- 2012 **PhD** - Teknologi Maklumat
- 2005 **Master** - Teknologi Maklumat
- 2000 **Bachelor** - Pengajian Perniagaan
- 1997 **Diploma** - Pengajian Perniagaan

RESEARCH

1. **DESIGNING TIERED ARTIFICIAL INTELLIGENCE (AI) TRAINING MODULES FOR ORGANISATIONAL MANAGEMENT LEVELS: A NEEDS-DRIVEN, ROLE-BASED FRAMEWORK**
   2026 | GERAN PENYELIDIKAN INDUSTRI | ON GOING | MAIN RESEARCHER

2. **THE DESIGN AND EVALUATION OF QURAN MEMORIZATION TOOL BASED ON VARK LEARNING STYLE TO ENHANCE MEMORY RETENTION**
   2018 | GERAN PENYELIDIKAN USIM | COMPLETED | MAIN RESEARCHER

3. **THE DESIGN AND EVALUATION OF AN INTERACTIVE QIRAAT MOBILE APPLICATION**
   2015 | GERAN PENYELIDIKAN JANGKA PENDEK | COMPLETED | MAIN RESEARCHER

4. **THE DESIGN. EVALUATION AND THE APPLICATION OF ELECTRONIC LABORATORY NOTEBOOK FOR PROTROMIC COMMUNITY**
   2013 | GERAN PENYELIDIKAN USIM | COMPLETED | MAIN RESEARCHER

PUBLICATION

1. A SCOPING REVIEW METHODOLOGY ON ELDERLY DIGITAL HEALTH APPOINTMENT

USIM 10TH NATIONAL HEALTH SEMINAR

2025 PROCEEDING NON-INDEX MAIN AUTHOR

2. MAPPING THE RESEARCH LANDSCAPE IN DIGITAL HEALTH APPOINTMENTS FOR OLDER ADULTS: A METHODOLOGICAL REFLECTION ON USING SCOPING REVIEWS AS THE FOUNDATION FOR QUALITATIVE RESEARCH

12TH INTERNATIONAL QUALITATIVE RESEARCH CONFERENCE 2025

2025 PROCEEDING NON-INDEX MAIN AUTHOR

3. PENGENALAN TERHADAP SISTEM PEMANTAUAN USAHAWAN

PANDUAN AMALAN UNTUK PEMERKASAAN INDUSTRI MAKANAN MIKRO

2024 CHAPTER IN BOOK MAIN AUTHOR

4. E-IFRAD COURSEWARE: ANALISIS KEPERLUAN PEMBANGUNAN APLIKASI DALAM PENGAJIAN QIRA?AT DI USIM

SEMINAR ANTARABANGSA ISLAM DAN SAINS (SAIS) 2022

2022 PROCEEDING NON-INDEX MAIN AUTHOR

5. ARCHITECTURE DESIGN OF A USER-ORIENTATED ELECTRONIC LABORATORY NOTEBOOK: A CASE STUDY WITHIN AN ATMOSPHERIC CHEMISTRY COMMUNITY

THE INTERNATIONAL JOURNAL OF GRID COMPUTING AND ESCIENCE

2013 JOURNAL WOS MAIN AUTHOR

6. A USER-ORIENTATED ELECTRONIC LABORATORY NOTEBOOK FOR RETRIEVAL AND EXTRACTION OF PROVENANCE INFORMATION FOR EUROCHAMP-2

IEEE 7TH INTERNATIONAL CONFERENCE ON E-SCIENCE

2011 PROCEEDING NON-INDEX MAIN AUTHOR

7. INLINE PROVENANCE NODE NAVIGATOR AND ITS APPLICATION IN EUROCHAMP-2

UK E-SCIENCE ALL HANDS MEETING 2011

2011 PROCEEDING NON-INDEX MAIN AUTHOR

CONSULTATION

1. DATA ANALITIK GOOGLE LOOKER STUDIO DAN MICROSOFT POWER BI

DRIVE ZENITH SDN BHD

2024 NATIONAL

2. DATA ANALITIK GOOGLE STUDIO DAN MICRSOFT POWER BI

FASTRACK SYNERGY SDN BHD

2023 NATIONAL

3. PASUKAN PERUNDING SISTEM KEDATANGAN PELAJAR USIM

USIM

2023 UNIVERSITY

CONSULTATION

4. MEREKABENTUK DAN MEMBANGUNKAN SISTEM MAKLUMAT

FASTRACK SYNERGY SDN BHD

2022 NATIONAL

5. PROGRAM PEMERKASAAN USAHAWAN MAKANAN MIKRO B40 HOMEBASED DAN STREETFOOD MELALUI LATIHAN DAN PEMANTAUAN ATAS TALIAN

YAYASAN HASANAH

2021 NATIONAL

AWARDS/RECOGNITION

1. ANUGERAH PENYELIA TERBILANG

2025 UNIVERSITY

2. ANUGERAH PERUNDINGAN

2025 UNIVERSITY

3. DUITAPP: QR-BASED SCHOOL MANAGEMENT SYSTEM

JOHOR INTERNATIONAL INNOVATION, INVENTION COMPETITION AND SYMPOSIUM 2025 (JIIICaS 2025)

2025 ANTARABANGSA SILVER

4. E-IFRAD COURSEWARE AS A TEACHING AID MATERIAL (TAM) IN QIRAAT STUDIES

INNOVATION BANK CHALLENGE 2025

2025 ANTARABANGSA GOLD

5. PANGKALAN DATA SANAD AL-QURAN DI MALAYSIA

Pertandingan Inovasi FKP 2024

2024 UNIVERSITI GOLD