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CONTACT

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FACULTY
Fakulti Sains Dan Teknologi

SUPERVISION

PhD	0 COMPLETED	0 ONGOING
Master	0 COMPLETED	0 ONGOING

AREAS OF EXPERTISE

ACADEMIC QUALIFICATION

1987 **Bachelor** - Sains/teknologi - Sains Komputer

RESEARCH

1. **MANUSCRIPTA ISLAMICA: DEVELOPMENT OF A COLLABORATIVE ANNOTATION SYSTEM AND AN AI-ASSISTED ANALYTICAL FRAMEWORK FOR ISLAMIC MANUSCRIPTS**
   2026 | GERAN PENYELIDIKAN FUNDAMENTAL | ON GOING | CO-RESEARCHER

2. **BRIDGING TRADITION AND TECHNOLOGY: A SOCIO-CULTURAL FRAMEWORK FOR AI-ENHANCED HALAL AUDIT PRACTICES IN HOTEL SERI MALAYSIA**
   2025 | GERAN PENYELIDIKAN INDUSTRI | ON GOING | CO-RESEARCHER

3. **DEVELOPMENT OF SMART LUGGAGE TROLLEY TRACKING SYSTEM (S-TRACKER) USING NB-IOT TECHNOLOGIES FOR SUSTAINABLE LOGISTIC MANAGEMENT AT KUALA LUMPUR INTERNATIONAL AIRPORT**
   2025 | GERAN PENYELIDIKAN INDUSTRI | ON GOING | CO-RESEARCHER

4. **AUGMENTING FLUID INTELLIGENCE IN UNDERPRIVILEGED CHILDREN WITH HIGH-RISK OF DEPRESSION VIA EEG NEUROFEEDBACK AND COGNITIVE GAMIFICATION**
   2025 | GERAN ANTARABANGSA | ON GOING | CO-RESEARCHER

5. **LEVERAGING AI FOR JUST-IN-TIME DECISION MAKING: ENHANCING HALAL MONITORING EFFICIENCY AT RANGKAIAN HOTEL SERI MALAYSIA**
   2025 | GERAN KPT | ON GOING | CO-RESEARCHER

RESEARCH

6. INTEGRATING CLINICAL ASSESSMENT WITH MACHINE LEARNING FOR DETECTING ONLINE DEPRESSIVE SYMPTOMS AMONG MEDICAL STUDENTS THROUGH SOCIAL MEDIA TEXTS

2024 | BIDUNI MIZANNIYAH | ON GOING | CO-RESEARCHER

7. CYBERSECURITY AND SYSTEMS (CSS)

2024 | GERAN KUMPULAN PENYELIDIKAN (KUP) | ON GOING | CO-RESEARCHER

8. ISLAH (INDEX OF SPIRITUALITY HEALTH): HARNESSING AI FOR EARLY DETECTION AND PERSONALIZED INTERVENTION FOR SPIRITUAL WELLBEING FOR MUSLIM YOUTH

2024 | GERAN PENYELIDIKAN USIM | ON GOING | CO-RESEARCHER

9. SMART CROPS: CIRCADIAN RHYTHMS OPTIMIZATION (CROPS) IN HEALTHCARE SHIFT WORKERS USING DEEP LEARNING APPROACH

2024 | GERAN PENYELIDIKAN INDUSTRI | ON GOING | CO-RESEARCHER

10. DEVELOPMENT OF SMART LUGGAGE TROLLEY TRACKING SYSTEM (S-TRACKER) USING NB-IOT TECHNOLOGY

2024 | GERAN PENYELIDIKAN INDUSTRI | ON GOING | CO-RESEARCHER

11. FORMULATING RESPONSIBLE AND ETHICAL FRAMEWORK FOR SUSTAINABLE ARTIFICIAL INTELLIGENCE ADOPTION IN ARABIC LANGUAGE EDUCATION THROUGH MADANI CONCEPT

2024 | GERAN KPT | ON GOING | CO-RESEARCHER

12. TERMITES TRACKER: AUTOMATIC CLASSIFICATION OF TERMITES GENERA IMAGES USING DEEP LEARNING CLASSIFIER APPROACH FOR ENTOMOLOGISTS IN BORNEO ISLAND

2023 | GERAN SEPADAN AGENSI KERAJAAN | ON GOING | CO-RESEARCHER

13. SMART DIGITAL TRANSFORMATION MODEL FOR URBAN FARMING BASED ON INNOVATION DIFFUSION THEORY TO SUPPORT FOOD SECURITY

2023 | GERAN KPT | ON GOING | CO-RESEARCHER

14. BRAIN-COMPUTER INTERFACE WITH MACHINE LEARNING FOR MOVEMENT INSTRUCTIONS IN ROBUST ENVIRONMENT

2021 | BIDUNI MIZANNIYAH | ON GOING | MAIN RESEARCHER

PUBLICATION

1. ARTIFICIAL INTELLIGENCE SUPPORTED LANGUAGE LEARNING: A SYSTEMATIC REVIEW

IJAZ ARABI JOURNAL OF ARABIC LEARNING

2026 | JOURNAL | OTHER DATABASE | MAIN AUTHOR

2. A SYSTEMATIC REVIEW OF MACHINE LEARNING ALGORITHMS FOR MENTAL HEALTH DETECTION USING SOCIAL MEDIA DATA

INTERNATIONAL JOURNAL ON ISLAMIC APPLICATIONS IN COMPUTER SCIENCE AND TECHNOLOGY

2025 | JOURNAL | SCOPUS | CO-AUTHOR

PUBLICATION

3. PERANAN PIHAK BERKUASA DAN INSTITUSI PENYELIDIKAN DALAM MEMELIHARA EKOSISTEM INDUSTRI HALAL NEGARA: SATU TINJAUAN MAQASID SYARIAH

SEMINAR ANTARABANGSA ISLAM DAN SAINS 2025

2025 PROCEEDING NON-INDEX CO-AUTHOR

AWARDS/RECOGNITION

1. KOD JAWI GPT TOWARDS AI SYARIAH

INNOVATION BANK CHALLENGE 2025

2025 ANTARABANGSA GOLD

2. INTELLIGENT HALAL AUDIT DASHBOARD (I-HAD)

INNOVATION BANK CHALLENGE 2025

2025 ANTARABANGSA GOLD

3. AUGMENTING FLUID INTELLIGENCE IN UNDERPRIVILEGED CHILDREN WITH HIGH-RISK OF DEPRESSION VIA EEG NEUROFEEDBACK AND COGNITIVE GAMIFICATION

INNOVATION BANK CHALLENGE 2025

2025 ANTARABANGSA SILVER