Profile Image

PROF. MADYA TS. DR. MUS'AB BIN SAHRIM

PENSYARAH UNIVERSITI DS14

CONTACT

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FACULTY

Fakulti Kejuruteraan Dan Alam Bina

SUPERVISION

	COMPLETED	ONGOING
PhD	0	0
Master	2	1

AREAS OF EXPERTISE

- Pattern And Image Recognition
- Data Analytics
- Artificial Intelligence And Robotic System

ACADEMIC QUALIFICATION

2016 **PhD** - Electronics And Electrical Engineering

2010 **Bachelor** - Electronic And Communication Engineering

RESEARCH

1. **PROTOTYPE DEVELOPMENT OF A REAL-TIME UAV-BASED DEEP LEARNING SYSTEM FOR AUTOMATED DURIAN DETECTION AND YIELD MONITORING**
   2025 | GERAN PEMBANGUNAN INOVASI (GPI) | ON GOING | MAIN RESEARCHER

2. **DEVELOPMENT AND APPLICATION OF LSTM AND GRU METHODS TO RECOGNIZE HAND MOVEMENTS, POSE AND FACE BASED ON REAL-TIME INTERPRETATION OF INDONESIAN - MALAYSIA SIGN LANGUAGE**
   2023 | GERAN ANTARABANGSA | ON GOING | MAIN RESEARCHER

3. **AUTONOMOUS HUMAN DETECTION AND LOCALIZATION USING MACHINE LEARNING**
   2021 | GERAN KPT (KKP) | COMPLETED | MAIN RESEARCHER

4. **IMPROVED INCENTIVE PRICING MODELS OF INTERNET UNDER MULTIPLE QOS NETWORKS**
   2019 | GERAN KPT | ON GOING | MAIN RESEARCHER

5. **SURVIVORS IDENTIFICATION AND LOCALIZATION FOR SAR ROBOTICS SYSTEM USING MACHINE LEARNING**
   2019 | GERAN SEPADAN AGENSI KERAJAAN | COMPLETED | MAIN RESEARCHER

RESEARCH

6. THE STUDY OF DRUNKEN ABNORMAL HUMAN GAIT RECOGNITION USING ACCELEROMETERS IN MOBILE APPLICATION

2018 | GERAN PENYELIDIKAN USIM | COMPLETED | MAIN RESEARCHER

PUBLICATION

1. KNOWLEDGE READINESS TO USE AUGMENTED REALITY IN TEACHING ARABIC AMONG PRIMARY SCHOOL TEACHERS IN MALAYSIA

INTERNATIONAL JOURNAL OF ADVANCED RESEARCH (IJAR)

2022 | JOURNAL | OTHER DATABASE | MAIN AUTHOR

2. TEACHERS? ATTITUDES TOWARDS THE USE OF AUGMENTED REALITY TECHNOLOGY IN TEACHING ARABIC IN PRIMARY SCHOOL MALAYSIA

INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS (IJACSA)

2022 | JOURNAL | OTHER DATABASE | MAIN AUTHOR

3. THE EFFECT OF MOTIVATION ON ARABIC COLLOCATION KNOWLEDGE: THE MEDIATING ROLE OF COLLOCATION LEARNING STRATEGIES

JOURNAL OF NUSANTARA STUDIES (JONUS)

2020 | JOURNAL | WOS | MAIN AUTHOR

4. THE LEVEL OF STUDENTS ENGAGEMENT IN ARABIC LANGUAGE WITHIN PUBLIC UNIVERSITIES

ASIA PACIFIC JOURNAL OF EDUCATORS AND EDUCATION (APJEE)

2020 | JOURNAL | SCOPUS | MAIN AUTHOR

5. AUTOMATED FEATURE DESCRIPTION OF RENAL SIZE USING IMAGE PROCESSING

INTERNATIONAL JOURNAL OF INTEGRATED ENGINEERING (IJIE)

2018 | JOURNAL | SCOPUS | MAIN AUTHOR

6. DEVELOPMENT OF AUTOMATIC QURANIC RECITATION BASED ON EMOTION DETECTION FROM SPEECH ANALYSIS USING RESONANCE THEORY

CONTEMPORARY ISSUES ISLAM AND SCIENCE

2018 | CHAPTER IN BOOK | MAIN AUTHOR

7. BLOOD VESSEL FEATURE DESCRIPTION FOR DETECTION OF ALZHEIMERS DISEASE

2014 13TH INTERNATIONAL CONFERENCE ON CONTROL AUTOMATION ROBOTICS & VISION (ICARCV),

2014 | PROCEEDING | NON-INDEX | MAIN AUTHOR

8. ON BLOODVESSEL BRANCHING ANALYSIS FOR THE DETECTION OF ALZHEIMER'S DISEASE

18TH ANNUAL CONFERENCE IN MEDICAL IMAGE UNDERSTANDING AND ANALYSIS 2014

2014 | PROCEEDING | NON-INDEX | MAIN AUTHOR

9. ANALYSING MORPHOLOGICAL PATTERNS OF BLOOD VESSELS FOR DETECTION OF ALZHEIMER'S DISEASE

2013 IEEE NUCLEAR SCIENCE SYMPOSIUM AND MEDICAL IMAGING CONFERENCE (NSS/MIC)

2013 | PROCEEDING | NON-INDEX | MAIN AUTHOR

PUBLICATION

10. A NOVEL TOOL FOR THE ANALYSIS OF THE MORPHOLOGICAL PATTERN OF BLOOD VESSEL. RELEVANCE TO EARLY DIAGNOSIS OF ALZHEIMER'S DISEASE

BIOMARKERS IN BRAIN DISORDERS

2013 PROCEEDING NON-INDEX MAIN AUTHOR

AWARDS/RECOGNITION

1. CERTIFICATE OF BEST PRESENTATION IN SESSION

2025 INTERNATIONAL

2. KOD JAWI GPT TOWARDS AI SYARIAH

INNOVATION BANK CHALLENGE 2025

2025 ANTARABANGSA GOLD

3. INVESTIGATING FACTORS PROMOTING FACT-CHECKING FOR MITIGATING FAKE NEWS WITHIN MALAY INSTANT MESSAGING GROUPS

4TH INNOVATION BANK CHALLENGE 2024 (IBC 2024)

2024 UNIVERSITI GOLD

4. VISITING SCHOLAR

CENTER FOR SOUTHEAST ASIAN STUDIES, KYOTO UNIVERSITY

2023 INTERNATIONAL

5. VISITING PROFESOR

SHIBAURA INSTITUTE OF TECHNOLOGY, JAPAN

2022 INTERNATIONAL