



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

PENSYARAH UNIVERSITI DS14

### CONTACT

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Kejuruteraan Dan Alam Bina

### SUPERVISION

PhD - Completed: 0, Ongoing: 0

Master - Completed: 2, Ongoing: 1

## AREAS OF EXPERTISE

Pattern And Image Recognition

Data Analytics

Artificial Intelligence And Robotic System

## BIOGRAPHY

A lecturer from Fakulti Kejuruteraan Dan Alam Bina. Holds a Phd in Electronics And Electrical Engineering.

## ACADEMIC QUALIFICATION

Phd in Electronics And Electrical Engineering (2016)

Bachelor in Electronic And Communication Engineering (2010)

## RESEARCH

1. PROTOTYPE DEVELOPMENT OF A REAL-TIME UAV-BASED DEEP LEARNING SYSTEM FOR AUTOMATED DURIAN DETECTION AND YIELD MONITORING

2025 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 ON GOING MAIN RESEARCHER

3. AUTONOMOUS HUMAN DETECTION AND LOCALIZATION USING MACHINE LEARNING

2021 COMPLETED MAIN RESEARCHER

4. IMPROVED INCENTIVE PRICING MODELS OF INTERNET UNDER MULTIPLE QOS NETWORKS

2019 ON GOING MAIN RESEARCHER

5. SURVIVORS IDENTIFICATION AND LOCALIZATION FOR SAR ROBOTICS SYSTEM USING MACHINE LEARNING

2019 COMPLETED MAIN RESEARCHER

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

2018

COMPLETED

MAIN RESEARCHER

## PUBLICATION

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

2022 JOURNAL

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

2022 JOURNAL

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

2020 JOURNAL

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

2020 JOURNAL

5. AUTOMATED FEATURE DESCRIPTION OF RENAL SIZE USING IMAGE PROCESSING

2018 JOURNAL

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

2018 CHAPTER IN BOOK

7. BLOOD VESSEL FEATURE DESCRIPTION FOR DETECTION OF ALZHEIMERS DISEASE

2014 PROCEEDING

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

2014 PROCEEDING

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

2013 PROCEEDING

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

2013 PROCEEDING

## AWARDS/RECOGNITION

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1. CERTIFICATE OF BEST PRESENTATION IN SESSION

2025 INTERNATIONAL

2. KOD JAWI GPT TOWARDS AI SYARIAH

2025 Antarabangsa Gold

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

2024 Universiti Gold

4. VISITING SCHOLAR

2023 INTERNATIONAL

## 5. VISITING PROFESOR

2022

INTERNATIONAL