TS. DR. MUS'AB BIN SAHRIM

PENSYARAH UNIVERSITI DS13

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Phone: 06-7988505

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Faculty: Fakulti
Kejuruteraan Dan Alam
Bina

SUPERVISION

PhD - Completed: 0, Ongoing:
0
Master - Completed: 2,
Ongoing: 1

AREAS OF EXPERTISE

Artificial Intelligence

Image Processing And Computer Vision

Pattern Recognition And Image Recognition

Image Construction And Management

ACADEMIC QUALIFICATION

PhD in Electronics And Electrical Engineering (2016)

Bachelor in Electronic And Communication Engineering
(2010)

RESEARCH

**1. 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`

**2. AUTONOMOUS HUMAN DETECTION AND LOCALIZATION USING MACHINE
LEARNING**

`2021` `GERAN KPT (KKP)` `COMPLETED` `MAIN RESEARCHER`

**3. IMPROVED INCENTIVE PRICING MODELS OF INTERNET UNDER MULTIPLE QOS
NETWORKS**

`2019` `GERAN KPT` `ON GOING` `MAIN RESEARCHER`

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

`2019` `GERAN SEPADAN AGENSI KERAJAAN` `COMPLETED` `MAIN RESEARCHER`

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

`2018` `GERAN PENYELIDIKAN USIM` `COMPLETED` `MAIN RESEARCHER`

PUBLICATION

1. 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`

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

ASIA PACIFIC JOURNAL OF EDUCATORS AND EDUCATION (APJEE)

`2020` `JOURNAL` `SCOPUS` `MAIN AUTHOR`

3. AUTOMATED FEATURE DESCRIPTION OF RENAL SIZE USING IMAGE PROCESSING

INTERNATIONAL JOURNAL OF INTEGRATED ENGINEERING (IJIE)

`2018` `JOURNAL` `SCOPUS` `MAIN AUTHOR`

4. 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`

5. 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`

6. 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`

7. 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`

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

4TH INNOVATION BANK CHALLENGE 2024 (IBC 2024)

`2024` `UNIVERSITI` `GOLD`

2. VISITING PROFESOR

SHIBAURA INSTITUTE OF TECHNOLOGY, JAPAN

`2022` `INTERNATIONAL`

3. SMART PARCEL DROP BOX

PERTANDINGAN REKACIPTA INOVASI INTERNASIONAL & NASIONAL 2022 (PRiIN 2022)

`2022` `ANTARABANGSA` `SILVER`

4. ACADEMIC ADVISOR

SMARTCORE DIGITAL SDN. BHD

`2021` `NATIONAL`

5. AR-FASEH: REKA BENTUK DAN PEMBANGUNAN APLIKASI PEMBELAJARAN KOSA KATA BAHASA ARAB BERASASKAN TEKNOLOGI REALITI TERIMBUH (AUGMENTED REALITY)

Kongres dan Pertandingan Inovasi dalam Pengajaran dan Pembelajaran (kNovasi 2021)

`2021` `KEBANGSAAN` `GOLD`