



PROF. MADYA DR. NURLIDA BINTI BASIR

PENSYARAH UNIVERSITI DS14

CONTACT

Phone: 067988000

E-mail: nurlida@usim.edu.my

Address: Fakulti Sains Dan
Teknologi

SUPERVISION

PhD - Completed: 9, Ongoing: 1

Master - Completed: 0, Ongoing: 1

AREAS OF EXPERTISE

Engineering Software Development

Cyber Threat And Intelligence

BIOGRAPHY

A lecturer from Fakulti Sains Dan Teknologi. Holds a Phd in Sains Komputer.

ACADEMIC QUALIFICATION

Phd in Sains Komputer (2010)

Master in Kejuruteraan Perisian Masa Nyata (2006)

Bachelor in Kejuruteraan Komputer Dan Maklumat (2002)

Diploma in Sains Komputer (Teknologi Maklumat) (2000)

RESEARCH

1. A NEW ONTOLOGY COMPONENTS EXTRACTION ALGORITHM
BASED ON ROUGH SET THEORY BASED ON COVID-19 DOMAIN
TEXTS

2022 ON GOING MAIN RESEARCHER

2. QUALITY-IN-USE OF WEB APPLICATION EVALUATION MODEL
(QINUEM)

2016 COMPLETED MAIN RESEARCHER

3. INTELLIGENT SPAM DETECTION MODEL BASED ON
IMMUNOLOGICAL MEMORY OF ADAPTIVE IMMUNE SYSTEM

2016 COMPLETED MAIN RESEARCHER

4. EFFICIENT MOBILE MALWARE DETECTION MODEL (EMMDET)

2013 COMPLETED MAIN RESEARCHER

5. OPTIMUM FITNESS FUNCTION ON HEURISTIC SEARCH
EVALUATION FOR SOLVING TIMETABLING ISSUES

2012 COMPLETED MAIN RESEARCHER

6. SECURITY METRICS FOR WEB APPLICATION DEVELOPMENT
QUALITY ASSURANCE

2011 COMPLETED MAIN RESEARCHER

PUBLICATION

1. URL-BASED CLASSIFICATION FEATURES IN PREVENTING RANSOMWARE CYBER-ATTACKS

2024 JOURNAL

2. RETRIEVAL PERFORMANCE FOR USIM'S QURANIC SEARCH ENGINE

2018 JOURNAL

3. EVALUATION OF MALAYSIAN UNIVERSITIES WEBSITES BASED ON QUALITY IN USE EVALUATION MODEL

2018 JOURNAL

4. EVALUATION OF MALAYSIAN UNIVERSITIES WEBSITES BASED ON QUALITY IN USE EVALUATION MODEL

2018 JOURNAL

5. C PROGRAMMING FOR BEGINNERS

2018 BOOK

6. INTELLIGENT QURANIC ONTOLOGY RETRIEVAL

2017 JOURNAL

7. USING PROBABILITY THEORY TO IDENTIFY THE UNSURE VALUE OF AN INCOMPLETE SENTENCE

2015 PROCEEDING

8. A SIMULATED ANNEALING FOR TAMHIDI COURSE TIMETABLING

2013 PROCEEDING

9. BUILDING HETEROGENEOUS SAFETY CASES FOR AUTOMATICALLY GENERATED CODE

2011 PROCEEDING

10. DERIVING SAFETY CASES FOR HIERARCHICAL SYSTEMS IN MODEL-BASED DEVELOPMENT

2010 PROCEEDING

11. DERIVING SAFETY CASES FROM MACHINE-GENERATED PROOFS

2009 PROCEEDING

12. DERIVING SAFETY CASES FROM AUTOMATICALLY CONSTRUCTED PROOFS.

2009 PROCEEDING

13. DERIVING SAFETY CASES FOR THE FORMAL SAFETY CERTIFICATION OF AUTOMATICALLY GENERATED CODE

2008 PROCEEDING

14. CONSTRUCTING A SAFETY CASE FOR AUTOMATICALLY GENERATED CODE FROM FORMAL PROGRAM VERIFICATION INFORMATION

2008 PROCEEDING

CONSULTATION/ADULATION

1. PERKHIDMATAN PERUNDINGAN KURSUS AGILE SCRUM

2017 NATIONAL BAHAGIAN TEKNOLOGI MAKLUMAT, KEMENTERIAN KEWANGAN MALAYSIA

2. DASAR PEMBANGUNAN SISTEM APLIKASI PTM

2013

UNIVERSITY

PUSAT TEKNOLOGI MAKLUMAT, PTM USIM

AWARDS/RECOGNITION

1. ANUGERAH PENERBITAN JURNAL BERINDEKS WOS/SCOPUS/MYCITE

2025

OTHERS

2. BEST PAPER AWARD

2025

INTERNATIONAL

3. ACADEMIC PROGRAM ADVISOR

2025

NATIONAL

4. TRAINER / FACILITATOR

2025

NATIONAL

5. TRAINER / FACILITATOR

2025

NATIONAL