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PENSYARAH UNIVERSITI DS14

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FACULTY
Fakulti Sains Dan Teknologi

SUPERVISION

PhD	10 COMPLETED	2 ONGOING
Master	4 COMPLETED	0 ONGOING

AREAS OF EXPERTISE

- Information System Security
- Expert Systems And Machine Learning

ACADEMIC QUALIFICATION

- 2011 **PhD** - Keselamatan Maklumat (sains Komputer)
- 2005 **Master** - Teknologi Maklumat
- 2003 **Bachelor** - Business Information Technology
- 2001 **Diploma** - Teknologi Maklumat

RESEARCH

1. **A NEW DENDRITIC CELLS ALLGORITHM FOR PRIORITISING SPAM MESSAGES**
   2015 · GERAN KPT · COMPLETED · MAIN RESEARCHER
2. **MODELING TEXT SPAM MESSAGES INSPIRED BY ARTIFICIAL IMMUNE SYSTEM (AIS) ALGORITHMS**
   2013 · GERAN KPT · COMPLETED · MAIN RESEARCHER
3. **GRAPHICAL USER AUTHENTICATION: A TOP-DOWN INVESTIGATION**
   2012 · GERAN PENYELIDIKAN USIM · COMPLETED · MAIN RESEARCHER
4. **SOMETHING USERS KNOWS : IMRPOVING ITS MEMORABILITY AND STRENGTHS**
   2012 · GERAN PENYELIDIKAN FUNDAMENTAL · COMPLETED · MAIN RESEARCHER

PUBLICATION

1. THE RELATIONSHIP BETWEEN AGE AND LEVEL OF INCOME WITH UNDERSTANDING OF ISLAMIC DIGITAL BANKING

UMRAN - JOURNAL OF ISLAMIC AND CIVILIZATIONAL STUDIES

2024 JOURNAL OTHER DATABASE MAIN AUTHOR

2. ISLAMIC DIGITAL BANKING BASED ON MAQASID AL-SHARIAH FOR FINANCIAL INCLUSION: A PROPOSED FRAMEWORK

10TH INTERNATIONAL ISLAMIC ECONOMIC SYSTEM CONFERENCE 2023 (I-IECONS 2023)

2023 PROCEEDING NON-INDEX MAIN AUTHOR

3. A STUDY ON THE PERFORMANCES OF DANGER THEORY AND NEGATIVE SELECTION ALGORITHMS FOR MOBILE SPAM DETECTION

ADVANCED SCIENCE LETTERS

2017 JOURNAL SCOPUS MAIN AUTHOR

4. GRAPHICAL AUTHENTICATION USING ENHANCED HYBRID GRAPHICAL AUTHENTICATION SYSTEM

ASIAN JOURNAL OF INFORMATION TECHNOLOGY (AJIT)

2015 JOURNAL SCOPUS MAIN AUTHOR

5. AN ASSESSMENT ON THE PASSWORD PRACTICES AMONG STUDENTS

JOURNAL OF THEORETICAL & APPLIED INFORMATION TECHNOLOGY (JATIT)

2014 JOURNAL SCOPUS MAIN AUTHOR

6. INVESTIGATING THE VIABILITY OF MULTIPLE GRAPHICAL PASSWORDS FOR USER AUTHENTICATION

INFORMATION SECURITY JOURNAL: A GLOBAL PERSPECTIVE

2014 JOURNAL SCOPUS MAIN AUTHOR

7. AN INVESTIGATION ON THE EFFECT OF PASSWORD CREATION AND SELECTION AMONG STUDENTS

INTERNATIONAL CONFERENCE ON COMPUTING, MATHEMATICS AND STATISTICS (ICMS2013)

2013 PROCEEDING NON-INDEX MAIN AUTHOR

8. AN ASSESSMENT TOWARDS THE USABILITY OF CAPTCHA FROM USERS PERSPECTIVES

INTERNATIONAL CONFERENCE ON COMPUTING, MATHEMATICS AND STATISTICS (ICMS2013)

2013 PROCEEDING NON-INDEX MAIN AUTHOR

9. MULTIFACTOR GRAPHICAL PASSWORDS: AN ASSESSMENT OF END-USER PERFORMANCE

PROCEEDINGS OF THE 2011 7TH INTERNATIONAL CONFERENCE OF INFORMATION ASSURANCE & SECURITY

2012 PROCEEDING NON-INDEX MAIN AUTHOR

10. QUANTIFYING THE EFFECT OF GRAPHICAL PASSWORD GUIDELINES FOR BETTER SECURITY

FUTURE CHALLENGES IN SECURITY AND PRIVACY FOR ACADEMIA AND INDUSTRY, IFIP ADVANCES IN INFORMATION AND COMMUNICATION TECHNOLOGY

2011 CHAPTER IN BOOK MAIN AUTHOR

11. ASSESSING IMAGE-BASED AUTHENTICATION TECHNIQUES IN A WEB-BASED ENVIRONMENT

INFORMATION MANAGEMENT & COMPUTER SECURITY

2010 JOURNAL SCOPUS MAIN AUTHOR

PUBLICATION

12. EVALUATING WEB-BASED USER AUTHENTICATION USING GRAPHICAL TECHNIQUES

PROCEEDINGS OF THE THIRD INTERNATIONAL SYMPOSIUM ON HUMAN ASPECTS OF INFORMATION SECURITY & ASSURANCE (HAISA 2009)

2009 PROCEEDING NON-INDEX MAIN AUTHOR

13. A SURVEY OF USER OPINIONS AND PREFERENCE TOWARDS GRAPHICAL AUTHENTICATION

PROCEEDINGS OF THE FOURTH COLLABORATIVE RESEARCH SYMPOSIUM ON SECURITY, E-LEARNING, INTERNET AND NETWORKING (SEIN 2008)

2008 PROCEEDING NON-INDEX MAIN AUTHOR

14. AN IDS FRAMEWORK WITH ARTIFICIAL IMMUNE SYSTEM APPROACH FOR DETECTING ANOMALY ACTIVITY IN A SENSOR NETWORK

PROCEEDINGS OF 3RD INTERNATIONAL CONFERENCE ON ARTIFICIAL INTELLIGENCE IN ENGINEERING AND TECHNOLOGY (ICAIET 2006)

2006 PROCEEDING NON-INDEX MAIN AUTHOR

CONSULTATION

1. KIPLE FRAUD MANAGEMENT SYSTEM

WEB ONLINE SDN BHD

2019 NATIONAL

2. RUNDINGCARA DASAR PEMBANGUNAN SISTEM APLIKASI PTM, USIM

2013 UNIVERSITY

AWARDS/RECOGNITION

1. CURRICULUM ADVISOR (PENASIHAT KURIKULUM)

TAMHIDI USIM

2025 UNIVERSITY

2. CONFERENCE PAPER REVIEWER

PACIS 2025

2025 INTERNATIONAL

3. ARTICLE ASSESSOR FOR AWARD

UTHM

2025 NATIONAL

4. ARTICLE ASSESSOR FOR AWARD

UTEM

2025 NATIONAL

AWARDS/RECOGNITION

5. ACADEMIC ADVISOR

NILAI UNIVERSITY

2023 NATIONAL