



## PROF. TS. DR. MADIHAH BINTI MOHD SAUDI

PENSYARAH UNIVERSITI GRED  
KHAS C

### CONTACT

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**Faculty:** Fakulti Sains  
Dan Teknologi

### SUPERVISION

PhD - Completed: 10,  
3

Master - Completed: 5,  
Ongoing: 0

## AREAS OF EXPERTISE

Malware, Worms And Viruses

Mobile Computing

Other Artificial Intelligence And Machine Learning N.e.c

## ACADEMIC QUALIFICATION

PhD in Komputer (2011)

Master in Kejuruteraan Perisian (2006)

Bachelor in Sains Komputer (2001)

## RESEARCH

**1. MODEL BAHARU NYANYIAN HAFAZAN MATAN AL-AJURRUMIYYAH BERBANTUKAN AI UNTUK MENINGKATKAN PENGUASAAN ASAS BAHASA ARAB DALAM KALANGAN PELAJAR UNIVERSITI SAINS ISLAM MALAYSIA (USIM)**

2025

GERAN PENYELIDIKAN USIM RACER

ON GOING

CO-RESEARCHER

**2. KAJIAN PEMBANGUNAN PELAN TINDAKAN MENANGANI ANCAMAN JENAYAH SIBER NEGARA**

2025

GERAN PENYELIDIKAN AGENSI KERAJAAN

ON GOING

MAIN

RESEARCHER

**3. IOT BASED SECURED VOICE COMMUNICATION THROUGH ULTRASONIC FENCE**

2024

GERAN KPT

ON GOING

CO-RESEARCHER

**4. ENHANCING CRYPTOGRAPHIC RESILIENCE THROUGH SYMMETRIC ENCRYPTION ALGORITHM UTILIZING VARIABLE LENGTH CHROMOSOMES GENETIC ALGORITHM**

2024

GERAN KPT

ON GOING

CO-RESEARCHER

## 5. STUDY AND ANALYSIS ON THE SOCIOCULTURAL APPROACH OF CORPORAL PUNISHMENT IN EDUCATIONAL SETTINGS IN MALAYSIA

2024 GERAN PENYELIDIKAN AGENSI KERAJAAN ON GOING CO-RESEARCHER

# RESEARCH

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## 6. IOT BASED SECURED VOICE COMMUNICATION THROUGH ULTRASONIC FENCE

2024 GERAN PENYELIDIKAN INDUSTRI ON GOING CO-RESEARCHER

## 7. CYBERSECURITY AND SYSTEMS (CSS)

2024 GERAN KUMPULAN PENYELIDIKAN (KUP) ON GOING CO-RESEARCHER

## 8. A RESILIENT MODEL FOR MITIGATING MALWARE ATTACKS USING PHYLOGENETICS VIA MINIMUM DESCRIPTION LENGTH (MDL) AND ENHANCED DEEP LEARNING (EDL) FOR CYBER-PHYSICAL SYSTEMS (CPS)

2024 GERAN KPT ON GOING MAIN RESEARCHER

## 9. DEVELOPING CYBER SECURITY PROFESIONAL MODULES: TOWARDS DIGITAL RESILIENCE.

2024 GERAN PENYELIDIKAN INDUSTRI ON GOING MAIN RESEARCHER

## 10. A NEW HYBRID DEEP NEURAL NETWORK MODEL FOR DETECTION OF MALWARE ATTACKS ON THE INTERNET OF MEDICAL THINGS ENVIRONMENT

2022 GERAN KPT ON GOING CO-RESEARCHER

## 11. AN INTELLIGENT RANSOMWARE DETECTION AND PREVENTION MODEL BASED ON ADAPTIVE DEEP LEARNING ALGORITHM

2022 GERAN PENYELIDIKAN USIM ON GOING CO-RESEARCHER

## 12. MACHINE CONTROL SYSTEM MODELING FOR COMPRESSED NATURAL GAS USING FUZZY LOGIC

2022 GERAN SEPADAN ANTARABANGSA ON GOING MAIN RESEARCHER

## 13. INTERNET OF THINGS MECHANISM FOR SMART TEMPERATURE SCREENING

2020 GERAN PENYELIDIKAN COVID-19 COMPLETED CO-RESEARCHER

## 14. RESEARCH AND DEVELOPMENT INTEGRATED LAKE BASIN MANAGEMENT PLAN (ILBMP) FOR THE EMPANGAN TIMAH TASOH, PERLIS & TASIK MELATI, PERLIS

2020 GERAN PENYELIDIKAN AGENSI KERAJAAN COMPLETED MAIN RESEARCHER

## 15. INTELLIGENT MOBOTDER MODEL FOR SECURING USERS AGAINST COVID-19 CYBERCRIME ATTACKS

2020 GERAN PENYELIDIKAN COVID-19 COMPLETED MAIN RESEARCHER

## 16. EZCYBERCRIME DETECTION AND RESPONSE MOBILE APPS PROTOTYPE FOR SMARTPHONE

2019 GERAN KPT COMPLETED MAIN RESEARCHER

## 17. DEVELOPING A NEW MODEL FOR CYBER TERRORISM CLASSIFICATION ON SOCIAL MEDIA ANALYTICS BASED ON SENTIMENT ANALYSIS

2019 GERAN PENYELIDIKAN USIM COMPLETED CO-RESEARCHER

## 18. A NEW RESILIENT ALGORITHM FOR MITIGATING MALWARE ATTACKS ON MOBILE PHONE USING MALWARE PHYLOGENETIC AND APOPTOSIS

2019 GERAN KPT COMPLETED MAIN RESEARCHER

## 19. 3D-RECONSTRUCTION OF HISTORICAL FRAGMENTS USIN ADVANCED MATHEMATICAL APPROACH

2019 GERAN SEPADAN AGENSI KERAJAAN COMPLETED MAIN RESEARCHER

## 20. INTELLIGENT MALAYSIA OCCUPATIONAL SAFETY, SECURITY AND ENVIRONMENTAL DRONE (IMOSSED-1) AS A NEW SAFETY INSPECTION TOOL AT CONSTRUCTION SITE IN MALAYSIA

2019 GERAN PENYELIDIKAN AGENSI KERAJAAN ON GOING MAIN RESEARCHER

## 21. A NEW ALGORITHM OF GEO-ENCRYPTION BASED ON LOCATION FOR SECURE CLOUD STORAGE

2017 GERAN KPT COMPLETED CO-RESEARCHER

# RESEARCH

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## 22. EVOLUTIONARY MULTI-OBJECTIVE OPTIMIZATION FOR COVER AUDIO SELECTION IN AUDIO STEGANOGRAPHY

2017 GERAN KPT COMPLETED CO-RESEARCHER

## 23. A NEW MOBILE BOTNET TAXONOMY MODEL INSPIRED BY GENETIC ALGORITHM

2016 GERAN JANGKA PENDEK FASA 1 COMPLETED CO-RESEARCHER

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

2016 GERAN KPT COMPLETED CO-RESEARCHER

## 25. A NEW SCAM DETECTION MODEL INSPIRED BY APOPTOSIS

2016 GERAN PENYELIDIKAN TRANSLASIONAL COMPLETED CO-RESEARCHER

## 26. NEW COUNTERMEASURE APPROACH ON XML DIGITAL SIGNATURE AGAINST WRAPPING ATTACK

2016 GERAN JANGKA PENDEK FASA 1 COMPLETED CO-RESEARCHER

## 27. AN INTELLIGENT QURANIC REPOSITORY RETRIEVAL MODEL

2016 GERAN PENYELIDIKAN TRANSLASIONAL COMPLETED MAIN RESEARCHER

## 28. DESIGNING A NEW MODEL TO DETECT WORM ATTACKS IN CLOUD COMPUTING ENVIRONMENT

2015 GERAN PENYELIDIKAN JANGKA PENDEK COMPLETED CO-RESEARCHER

## 29. A NEW ALGORITHM FOR INDEXING BIG DATA USING CASE BASED REASONING (CBR)

2014 GERAN KPT COMPLETED CO-RESEARCHER

## 30. AN INTELLIGENT SELF-DESTRUCT SMARTPHONE ALGORITHM USING APOPTOSIS FOR ROOT EXPLOITATION

2014 GERAN KPT COMPLETED MAIN RESEARCHER

## 31. KNOWLEDGE RESERVOIR THROUGH THE INTEGRATION OF NAQLI AND AQLI KNOWLEDGE FROM HETEROGENEOUS EXPERTISE AND SOURCES

2014 GERAN KPT COMPLETED CO-RESEARCHER

## 32. PENGGALIAN PETUNJUK ILMU AQLI DALAM QURAN

2014 GERAN PENYELIDIKAN KOMPETITIF KLUSTER COMPLETED CO-RESEARCHER

## 33. A NEW ALGORITHM FOR ADAPTATION RULES USING CASE-BASED REASONING (CBR) TECHNIQUE.

2014 GERAN KPT COMPLETED CO-RESEARCHER

## 34. EFFICIENT MOBILE MALWARE DETECTION MODEL (EMMDT)

2013 GERAN KPT COMPLETED CO-RESEARCHER

## 35. GRAPHICAL USER AUTHENTICATION: A TOP-DOWN INVESTIGATION

2012 GERAN PENYELIDIKAN USIM COMPLETED CO-RESEARCHER

## 36. A NEW MODEL FOR BOTNET DETECTION.

2012 GERAN PENYELIDIKAN USIM COMPLETED MAIN RESEARCHER

## 37. A NEW FRAMEWORK TO ANALYSE TROJAN USING STATIC, DYNAMIC ANALYSES AND INCIDENT RESPONSE METHOD

2012 GERAN PENYELIDIKAN USIM COMPLETED MAIN RESEARCHER

# RESEARCH

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## 38. DESIGNING A NEW MODEL FOR TROJAN DETECTION

2012 GERAN PENYELIDIKAN PENTADBIR COMPLETED CO-RESEARCHER

## 39. SYSTEM SECURITY ASSESSMENT (SSA) IN USIM

2007 GERAN PENYELIDIKAN PANTAS BAWAH SETAHUN COMPLETED MAIN RESEARCHER

## 40. DESIGN OF A SECURED AUTONOMOUS AGENT BASED INTRUSION DETECTION SYSTEM (IDS)

2007 GERAN KPT COMPLETED CO-RESEARCHER

## 41. EFFICIENT DETECTION OF WORM ATTACK (EDOWA)

2007 GERAN PENYELIDIKAN FUNDAMENTAL COMPLETED MAIN RESEARCHER

# PUBLICATION

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## 1. ASSESSMENT OF COMFORT INDEX (CI) BASED ON VIBRATION CHARACTERISTICS IN CNG CONTROL SYSTEM DEVELOPMENT

RESULTS IN ENGINEERING

2024 JOURNAL OTHER DATABASE CO-AUTHOR

## 2. ENHANCING CYBERSECURITY: RANSOMWARE DETECTION - A PROOF OF CONCEPT STUDY

JOURNAL OF ADVANCED RESEARCH IN APPLIED SCIENCES AND ENGINEERING TECHNOLOGY

2024 JOURNAL OTHER DATABASE CORRESPONDING AUTHOR

## 3. MALWARE DETECTION USING DEEP LEARNING (DL).

JOURNAL OF ADVANCED RESEARCH IN APPLIED SCIENCES AND ENGINEERING TECHNOLOGY

2024 JOURNAL OTHER DATABASE CORRESPONDING AUTHOR

## 4. BRIDGING EMOTIONAL INTELLIGENCE AND CYBER LITERACY: A HOLISTIC APPROACH TO MENTAL RESILIENCE IN MALAYSIA'S DAMAI 2024 COMMUNITY ENGAGEMENT

THE 5TH APUCEN SUMMIT 2024 IN CHONGQING, CHINA

2024 PROCEEDING NON-INDEX MAIN AUTHOR

## 5. DASAR, GARIS PANDUAN DAN PROSEDUR OPERASI STANDARD PERKONGSIAN DATA SELANGOR

2024 POLICY

## 6. IMPACT OF FOODALYZER APPLICATION ON KNOWLEDGE, ATTITUDE, AND PERCEPTION TOWARDS SELECTING COMMERCIAL EATERIES TO PREVENT FOODBORNE DISEASE

FOOD CONTROL

2023 JOURNAL SCOPUS CO-AUTHOR

## 7. USIM'S SMART UNIVERSITY BLUEPRINT: ADVANCES AND CHALLENGES

JOURNAL OF SUSTAINABILITY PERSPECTIVES

2023 JOURNAL OTHER DATABASE MAIN AUTHOR

## 8. FUEL CONTROL SYSTEM ON CNG FUELED VEHICLES USING MACHINE LEARNING: A CASE STUDY ON THE DOWNHILL

AUTOMOTIVE EXPERIENCES

2023 JOURNAL OTHER DATABASE CO-AUTHOR

## 9. IOS MOBILE MALWARE ANALYSIS: A STATE-OF-THE-ART

JOURNAL OF COMPUTER VIROLOGY AND HACKING TECHNIQUE

2023 JOURNAL OTHER DATABASE CORRESPONDING AUTHOR

## 10. A RECENT ASSESSMENT FOR THE RANSOMWARE ATTACKS AGAINST THE INTERNET OF MEDICAL THINGS (IOMT): A REVIEW

13TH IEEE INTERNATIONAL CONFERENCE ON CONTROL SYSTEM, COMPUTING AND ENGINEERING, ICCSCE 2023

2023 PROCEEDING NON-INDEX CO-AUTHOR

## 11. MODELLING FUEL CUT OFF CONTROLLER ON CNG ENGINES USING FUZZY LOGIC: A PROTOTYPE

INTERNATIONAL JOURNAL ON ADVANCED SCIENCE, ENGINEERING AND INFORMATION TECHNOLOGY

2022 JOURNAL SCOPUS CO-AUTHOR

## 12. VEHICLE AIR CONDITIONER (VAC) CONTROL SYSTEM BASED ON PASSENGER COMFORT: A PROOF OF CONCEPT

IJUM ENGINEERING JOURNAL

2022 JOURNAL SCOPUS MAIN AUTHOR / CONTACT PERSON IN USIM

## 13. PHISHING DETECTION AND PREVENTION USING CHROME EXTENSION

10TH INTERNATIONAL SYMPOSIUM ON DIGITAL FORENSICS AND SECURITY, ISDFS 2022

2022 PROCEEDING SCOPUS CO-AUTHOR

# PUBLICATION

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## 14. ROLE OF GEOSPATIAL CONCORDANCE AND EXAMS THROUGH LEARNING MANAGEMENT SYSTEM IN THE EDUCATION SECTOR

REVIEW OF INTERNATIONAL GEOGRAPHICAL EDUCATION (RIGEO)

2021 JOURNAL SCOPUS MAIN AUTHOR / CONTACT PERSON IN USIM

## 15. CONTINUATION OF TEACHING AND LEARNING DURING THE COVID-19: A CASE STUDY ON THE GEOGRAPHICAL EDUCATION DEPARTMENT

REVIEW OF INTERNATIONAL GEOGRAPHICAL EDUCATION (RIGEO)

2021 JOURNAL SCOPUS CORRESPONDING AUTHOR

## 16. MOBILE MALWARE CLASSIFICATION FOR IOS INSPIRED BY PHYLOGENETICS

INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS

2021 JOURNAL SCOPUS CORRESPONDING AUTHOR

## 17. A CASE STUDY ON TEACHING AND LEARNING FOR CULTURAL GEOGRAPHY

REVIEW OF INTERNATIONAL GEOGRAPHICAL EDUCATION (RIGEO)

2021 JOURNAL SCOPUS CORRESPONDING AUTHOR

## 18. THE INTEGRATION OF CYBER WARFARE AND INFORMATION WARFARE

OIC-CERT JOURNAL OF CYBER SECURITY

2021 JOURNAL MYCITE MAIN AUTHOR / CONTACT PERSON IN USIM

## 19. NIPSA INTRUSION CLASSIFICATION

JOURNAL OF ENGINEERING SCIENCE AND TECHNOLOGY

2021 JOURNAL ERA MAIN AUTHOR / CONTACT PERSON IN USIM

## 20. CALLEDTECT: DETECTION OF CALL LOG EXPLOITATION INSPIRED BY APOPTOSIS

INTERNATIONAL JOURNAL ON ADVANCED SCIENCE, ENGINEERING AND INFORMATION TECHNOLOGY

2020 JOURNAL SCOPUS MAIN AUTHOR

## 21. IMAGE DETECTION MODEL FOR CONSTRUCTION WORKER SAFETY CONDITIONS USING FASTER R-CNN

INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS (IJACSA)

2020 JOURNAL SCOPUS MAIN AUTHOR

## 22. ANDROID RANSOMWARE DETECTION BASED ON DYNAMIC OBTAINED FEATURES

INTERNATIONAL CONFERENCE ON SOFT COMPUTING AND DATA MINING

2020 PROCEEDING NON-INDEX CO-AUTHOR

## 23. CRYPTOJACKING CLASSIFICATION BASED ON MACHINE LEARNING ALGORITHM

8TH INTERNATIONAL CONFERENCE ON COMMUNICATIONS AND BROADBAND NETWORKING

2020 PROCEEDING NON-INDEX CO-AUTHOR

## 24. GO-DETECT APPLICATION INSPIRED BY APOPTOSIS TO DETECT SMS EXPLOITATION BY MALWARES

LECTURE NOTES IN MECHANICAL ENGINEERING,S

2020 CHAPTER IN BOOK MAIN AUTHOR

## 25. URL'S FOLDER NAME LENGTH AS A PHISHING DETECTION FEATURE

ADVANCES IN INTELLIGENT SYSTEMS AND COMPUTING

2020 CHAPTER IN BOOK CO-AUTHOR

## 26. CYBER TERRORIST DETECTION BY USING INTEGRATION OF KRILL HERD AND SIMULATED ANNEALING ALGORITHMS

INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS (IJACSA)

2019 JOURNAL SCOPUS CO-AUTHOR

# PUBLICATION

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## 27. MALWARE CLASSIFICATION FOR CYBER PHYSICAL SYSTEM (CPS) BASED ON PHYLOGENETICS

INTERNATIONAL JOURNAL OF ENGINEERING & ADVANCED TECHNOLOGY (IJEAT)

2019 JOURNAL SCOPUS MAIN AUTHOR

## 28. SPATIAL SIGNATURE ALGORITHM (SSA): A NEW APPROACH IN COUNTERMEASURING XML SIGNATURE WRAPPING ATTACK

APPLIED MECHANICS AND MATERIALS

2019 JOURNAL ERA MAIN AUTHOR

## 29. DETECTION OF SOCIAL MEDIA EXPLOITATION VIA SMS AND CAMERA

INTERNATIONAL JOURNAL OF INTERACTIVE MOBILE TECHNOLOGIES (IJIM)

2019 JOURNAL SCOPUS AND ERA CO-AUTHOR

## 30. MOBILE MALWARE CLASSIFICATION BASED ON PHYLOGENETICS

INTERNATIONAL JOURNAL OF ENGINEERING AND ADVANCED TECHNOLOGY(IJEAT)

2019 JOURNAL SCOPUS MAIN AUTHOR

## 31. A REVIEW OF WEB CLASSIFIER APPROACH WITH POSSIBLE RESEARCH DIRECTION TO DETECT CYBER EXTREMISTS

2019 IEEE 10TH CONTROL AND SYSTEM GRADUATE RESEARCH COLLOQUIUM (ICSGRC)

2019 PROCEEDING NON-INDEX CO-AUTHOR

## 32. OUTCOME BASED EDUCATION: INTRODUCTION AND IMPLEMENTATION GUIDELINES

2019 BOOK MAIN AUTHOR

## 33. ANDROID MOBILE MALWARE CLASSIFICATION USING A TOKENIZATION APPROACH

TRANSACTIONS ON ENGINEERING TECHNOLOGIES

2019 CHAPTER IN BOOK CO-AUTHOR

## 34. GO-DETECT APPLICATION INSPIRED BY APOPTOSIS TO DETECT SMS EXPLOITATION BY MALWARES

LECTURE NOTES IN MECHANICAL ENGINEERING

2019 CHAPTER IN BOOK MAIN AUTHOR

## 35. RETRIEVAL PERFORMANCE FOR USIM'S QURANIC SEARCH ENGINE

INTERNATIONAL JOURNAL OF ENGINEERING & TECHNOLOGY (IJET)

2018 JOURNAL SCOPUS CO-AUTHOR

## 36. COMPARATIVE STUDY OF TRADITIONAL AND NEXT GENERATION IPS

INTERNATIONAL JOURNAL OF ENGINEERING & TECHNOLOGY (IJET)

2018 JOURNAL SCOPUS CO-AUTHOR

## 37. A NEW MOBILE MALWARE CLASSIFICATION FOR AUDIO EXPLOITATION

INTERNATIONAL JOURNAL OF ENGINEERING & TECHNOLOGY (IJET)

2018 JOURNAL SCOPUS CO-AUTHOR

## 38. MOBILE BOTNET DETECTION AND CLASSIFICATION USING HYBRID ANALYSIS

INTERNATIONAL JOURNAL OF ENGINEERING & TECHNOLOGY (IJET)

2018 JOURNAL SCOPUS CO-AUTHOR

## 39. TRUSTWORTHY E-COMMERCE MODEL FOR SMALL MEDIUM ENTERPRISES (SMES)

INTERNATIONAL JOURNAL OF ENGINEERING & TECHNOLOGY (IJET)

2018 JOURNAL SCOPUS CO-AUTHOR

# PUBLICATION

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## 40. MOBILE MALWARE CALL LOGS CLASSIFICATION BASED ON ANDROID PACKAGE INDEX (API)

JOURNAL OF ENGINEERING SCIENCE AND TECHNOLOGY (JESTEC)

2018 JOURNAL SCOPUS MAIN AUTHOR

## 41. HYBRID SEARCH APPROACH FOR RETRIEVING MEDICAL AND HEALTH SCIENCE KNOWLEDGE FROM QURAN

INTERNATIONAL JOURNAL OF ENGINEERING & TECHNOLOGY (IJET)

2018 JOURNAL SCOPUS CO-AUTHOR

## 42. RAPID-RISK ASSESSMENT OF ANDROID PERMISSION AND APPLICATION PROGRAMMING INTERFACE (API) CALL FOR ANDROID BOTNET

INTERNATIONAL JOURNAL OF ENGINEERING & TECHNOLOGY (IJET)

2018 JOURNAL SCOPUS CO-AUTHOR

## 43. SPATIAL SIGNATURE METHOD (SSM) AGAINST XML SIGNATURE WRAPPING ATTACKS

EAAI CONFERENCE 2018

2018 PROCEEDING NON-INDEX MAIN AUTHOR

## 44. ANTI-PHISHING IMMUNE SYSTEM

ADVANCED SCIENCE LETTERS

2017 JOURNAL SCOPUS CO-AUTHOR

## 45. INTELLIGENT QURANIC ONTOLOGY RETRIEVAL

ADVANCED SCIENCE LETTERS

2017 JOURNAL SCOPUS CO-AUTHOR

## 46. ANDROID BOTNET FEATURES FOR DETECTION MECHANISM

ADVANCED SCIENCE LETTERS

2017 JOURNAL SCOPUS MAIN AUTHOR

## 47. A NEW SYSTEM CALL CLASSIFICATION OF MOBILE MALWARES FOR SMS EXPLOITATION

ADVANCED SCIENCE LETTERS

2017 JOURNAL SCOPUS CO-AUTHOR

## 48. NEW COUNTERMEASURE APPROACH ON XML DIGITAL SIGNATURE AGAINST WRAPPING ATTACK

ADVANCED SCIENCE LETTERS

2017 JOURNAL SCOPUS MAIN AUTHOR

## 49. OPTIMIZING THE PERFORMANCE OF MOBILE MALWARE DETECTION USING THE INDEXING RULE

ADVANCED SCIENCE LETTERS

2017 JOURNAL SCOPUS CO-AUTHOR

## 50. A SYSTEMATIC REVIEW AND ANALYSIS OF MOBILE BOTNET DETECTION FOR GPS EXPLOITATION

ADVANCED SCIENCE LETTERS

2017 JOURNAL SCOPUS CO-AUTHOR

## 51. ABC: ANDROID BOTNET CLASSIFICATION USING FEATURE SELECTION AND CLASSIFICATION ALGORITHMS

ADVANCED SCIENCE LETTERS

2017 JOURNAL SCOPUS CO-AUTHOR

## 52. EVALUATION OF EWCDMCC CLOUD WORM DETECTION CLASSIFICATION BASED ON STATISTICAL ANALYSIS

ADVANCED SCIENCE LETTERS

2017 JOURNAL SCOPUS MAIN AUTHOR

# PUBLICATION

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## 53. INFORMATION SECURITY MANAGEMENT SYSTEMS (ISMS) AND COMPUTER SECURITY SELF-EFFICACY (CSSE) MODEL COMPARISON

ADVANCED SCIENCE LETTERS

2017 JOURNAL SCOPUS MAIN AUTHOR

## 54. MOBILE MALWARE CLASSIFICATION VIA SYSTEM CALLS AND PERMISSION FOR GPS EXPLOITATION

INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS (IJACSA)

2017 JOURNAL WOS MAIN AUTHOR

## 55. A REVIEW AND PROOF OF CONCEPT FOR PHISHING SCAM DETECTION AND RESPONSE USING APOPTOSIS

INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS (IJACSA)

2017 JOURNAL WOS MAIN AUTHOR

## 56. A NEW MOBILE MALWARE CLASSIFICATION FOR SMS EXPLOITATION.

RECENT ADVANCES ON SOFT COMPUTING AND DATA MINING

2017 CHAPTER IN BOOK CO-AUTHOR

## 57. A NEW ANDROID BOTNET CLASSIFICATION FOR GPS EXPLOITATION BASED ON PERMISSION AND API CALLS

RECENT ADVANCES IN ELECTRICAL ENGINEERING AND RELATED SCIENCES: THEORY AND APPLICATION

2017 CHAPTER IN BOOK CO-AUTHOR

## 58. INDEXING ANDROID MOBILE MALWARE

JOURNAL OF ENGINEERING AND APPLIED SCIENCES

2016 JOURNAL SCOPUS CO-AUTHOR

## 59. A SYSTEMATIC REVIEW ANALYSIS FOR QURAN VERSES RETRIEVAL

JOURNAL OF ENGINEERING AND APPLIED SCIENCES

2016 JOURNAL SCOPUS MAIN AUTHOR

## 60. A REVIEW OF CLIENT-SIDE TOOLBARS AS A USER-ORIENTED ANTI-PHISHING SOLUTION

ADVANCED COMPUTER AND COMMUNICATION ENGINEERING TECHNOLOGY, LECTURE NOTES IN ELECTRICAL ENGINEERING

2016 CHAPTER IN BOOK CO-AUTHOR

## 61. A NEW SYSTEM CALL CLASSIFICATION FOR ANDROID MOBILE MALWARE SURVEILLANCE EXPLOITATION VIA SMS MESSAGE

ADVANCED COMPUTER AND COMMUNICATION ENGINEERING TECHNOLOGY, LECTURE NOTES IN ELECTRICAL ENGINEERING

2016 CHAPTER IN BOOK MAIN AUTHOR

## 62. A SYSTEMATIC REVIEW ANALYSIS OF ROOT EXPLOITATION FOR MOBILE BOTNET DETECTION

ADVANCED COMPUTER AND COMMUNICATION ENGINEERING TECHNOLOGY, LECTURE NOTES IN ELECTRICAL ENGINEERING

2016 CHAPTER IN BOOK MAIN AUTHOR

## 63. AN ANTI-PHISHING TOOL TO VERIFY URLS IN EMAIL CONTENT

ARPN JOURNAL OF ENGINEERING AND APPLIED SCIENCES

2015 JOURNAL SCOPUS CO-AUTHOR

## 64. A SYSTEMATIC ANALYSIS ON WORM DETECTION IN CLOUD-BASED SYSTEMS

ARPN JOURNAL OF ENGINEERING AND APPLIED SCIENCES

2015 JOURNAL SCOPUS MAIN AUTHOR

## 65. COMPUTER SECURITY FACTORS EFFECTS TOWARDS ONLINE USAGE OF INTERNET BANKING SYSTEM

ARPN JOURNAL OF ENGINEERING AND APPLIED SCIENCES

2015 JOURNAL SCOPUS MAIN AUTHOR

# PUBLICATION

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## 66. A COMPREHENSIVE REVIEW OF MOBILE BOTNET DETECTION USING GENETIC ALGORITHM: A SYSTEMATIC REVIEW

ARPN JOURNAL OF ENGINEERING AND APPLIED SCIENCES

2015 JOURNAL SCOPUS MAIN AUTHOR

## 67. AN EFFICIENT EASY COMPUTER EMERGENCY RESPONSE TEAM MALWARE RESERVOIR SYSTEM (EZCERT)

INTERNATIONAL CONFERENCE ON COMPUTER MODELLING AND SIMULATION (UKSIM15)

2015 PROCEEDING NON-INDEX MAIN AUTHOR

## 68. ANDROID MOBILE MALWARE SURVEILLANCE EXPLOITATION VIA CALL LOGS: PROOF OF CONCEPT

17TH INTERNATIONAL CONFERENCE ON MODELLING AND SIMULATION

2015 PROCEEDING NON-INDEX MAIN AUTHOR

## 69. A NEW BOTNET CLASSIFICATION (ABC)

2ND INTERNATIONAL CONFERENCE ON MATHEMATICAL SCIENCES & COMPUTER ENGINEERING (ICMSCE 2015)

2015 PROCEEDING NON-INDEX MAIN AUTHOR

## 70. A SYSTEMATIC ANALYSIS FOR KNOWLEDGE REPRESENTATION FOR QURAN VERSES

KOLOKIUW SISWAZAH SAINS & TEKNOLOGI (KOSIST15)

2015 PROCEEDING NON-INDEX CO-AUTHOR

## 71. AN EFFICIENT MOBILE BOTNET CLASSIFICATION INSPIRED BY AL-FURQAN VERSE

KOLOKIUW SISWAZAH SAINS & TEKNOLOGI (KOSIST15)

2015 PROCEEDING NON-INDEX CO-AUTHOR

## 72. SYSTEMATIC REVIEW ANALYSIS FOR INDEXING ALGORITHM FOR QURAN VERSES

INTERNATIONAL MULTI CONFERENCE ON EDUCATION & TECHNOLOGY

2015 PROCEEDING NON-INDEX CO-AUTHOR

## 73. DOMAIN-SPECIFIC INTER TEXTUAL NON-TAXONOMIC EXTRACTION (DSINTE)

INTERNATIONAL CONFERENCE ON COMPUTER MODELLING AND SIMULATION (UKSIM15)

2015 PROCEEDING NON-INDEX CO-AUTHOR

## 74. USING PROBABILITY THEORY TO IDENTIFY THE UNSURE VALUE OF INCOMPLETE SENTENCE

INTERNATIONAL CONFERENCE ON COMPUTER MODELLING AND SIMULATION (UKSIM15)

2015 PROCEEDING NON-INDEX CO-AUTHOR

## 75. A PROPOSED SYSTEM CONCEPT ON ENHANCING THE ENCRYPTION AND DECRYPTION METHOD FOR CLOUD COMPUTING

INTERNATIONAL CONFERENCE ON COMPUTER MODELLING AND SIMULATION (UKSIM15)

2015 PROCEEDING NON-INDEX CO-AUTHOR

## 76. KESEDARAN KESELAMATAN SIBER - 101 PENGANALISAAN ANCAMAN SIBER

2015 BOOK MAIN AUTHOR

## 77. INTEGRATION OF NAQLI AND AQLI: FACULTY OF SCIENCE AND TECHNOLOGY

2015 BOOK MAIN AUTHOR

## 78. DESIGNING A NEW MODEL FOR TROJAN HORSE DETECTION USING SEQUENTIAL MINIMAL OPTIMIZATION

ADVANCED COMPUTER AND COMMUNICATION ENGINEERING TECHNOLOGY

2015 CHAPTER IN BOOK MAIN AUTHOR

# PUBLICATION

---

## 79. DESIGNING A NEW MODEL FOR WORM RESPONSE USING SECURITY METRICS

ADVANCED COMPUTER AND COMMUNICATION ENGINEERING TECHNOLOGY

2015 CHAPTER IN BOOK MAIN AUTHOR

## 80. SYSTEMATIC ANALYSIS ON MOBILE BOTNET DETECTION TECHNIQUES USING GENETIC ALGORITHM

ADVANCED COMPUTER AND COMMUNICATION ENGINEERING TECHNOLOGY

2015 CHAPTER IN BOOK MAIN AUTHOR

## 81. DETECTING WORM ATTACKS IN CLOUD COMPUTING ENVIRONMENT: PROOF OF CONCEPT

AUSTRALIAN JOURNAL OF BASIC AND APPLIED SCIENCES

2014 JOURNAL SCOPUS MAIN AUTHOR

## 82. A SYSTEMATIC ANALYSIS TO TRANSFORM BIG DATA FOR DATA MINING ANALYSIS: A CASE STUDY USING LOG DATA

ARPN JOURNAL OF ENGINEERING AND APPLIED SCIENCES

2014 JOURNAL SCOPUS MAIN AUTHOR

## 83. A NEW ALGORITHM FOR PREDICTION WIMAX TRAFFIC BASED ON ARTIFICIAL NEURAL NETWORK MODELS

INTERNATIONAL JOURNAL OF ARTIFICIAL INTELLIGENCE AND NEURAL NETWORKS

2014 JOURNAL SCI CO-AUTHOR

## 84. SYSTEMATIC ANALYSIS ON MOBILE BOTNET DETECTION TECHNIQUES USING GENETIC ALGORITHM

POSTGRADUATE COLLOQUIUM 2014 FACULTY OF SCIENCE AND TECHNOLOGY

2014 PROCEEDING NON-INDEX MAIN AUTHOR

## 85. DESIGNING A NEW E-COMMERCE AUTHENTICATION FRAMEWORK FOR A CLOUD-BASED ENVIRONMENT

POSTGRADUATE COLLOQUIUM 2014 FACULTY OF SCIENCE AND TECHNOLOGY

2014 PROCEEDING NON-INDEX MAIN AUTHOR

## 86. DESIGNING A NEW E-COMMERCE AUTHENTICATION FRAMEWORK FOR A CLOUD-BASED ENVIRONMENT

POSTGRADUATE COLLOQUIUM 2014 FACULTY OF SCIENCE AND TECHNOLOGY

2014 PROCEEDING NON-INDEX MAIN AUTHOR

## 87. DESIGNING A NEW E-COMMERCE AUTHENTICATION FRAMEWORK FOR A CLOUD-BASED ENVIRONMENT

POSTGRADUATE COLLOQUIUM 2014 FACULTY OF SCIENCE AND TECHNOLOGY

2014 PROCEEDING NON-INDEX MAIN AUTHOR

## 88. DETECTING WORM ATTACKS IN CLOUD COMPUTING ENVIRONMENT: PROOF OF CONCEPT

2014 IEEE 5TH CONTROL AND SYSTEM GRADUATE RESEARCH COLLOQUIUM (ICSGRC)

2014 PROCEEDING NON-INDEX MAIN AUTHOR

## 89. EFFECTIVENESS OF COMPUTER SECURITY FACTORS TOWARDS ONLINE INTERNET BANKING USAGE

POSTGRADUATE COLLOQUIUM 2014 FACULTY OF SCIENCE AND TECHNOLOGY

2014 PROCEEDING NON-INDEX MAIN AUTHOR

## 90. SYSTEMATIC ANALYSIS ON MOBILE BOTNET DETECTION TECHNIQUE USING APOPTOSIS

POSTGRADUATE COLLOQUIUM 2014 FACULTY OF SCIENCE AND TECHNOLOGY

2014 PROCEEDING NON-INDEX MAIN AUTHOR

## 91. A SYSTEMATIC ANALYSIS FOR BOTNET DETECTION USING GENETIC ALGORITHM

POSTGRADUATE COLLOQUIUM 2014 FACULTY OF SCIENCE AND TECHNOLOGY

2014 PROCEEDING NON-INDEX MAIN AUTHOR

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## 92. MOBILE BOTNET DETECTION: STATIC ANALYSIS OF ANDROID APPLICATIONS

POSTGRADUATE COLLOQUIUM 2014 FACULTY OF SCIENCE AND TECHNOLOGY

2014 PROCEEDING NON-INDEX MAIN AUTHOR

## 93. DESIGNING A NEW MODEL TO DETECT WORM ATTACKS IN CLOUD COMPUTING

POSTGRADUATE COLLOQUIUM 2014 FACULTY OF SCIENCE AND TECHNOLOGY

2014 PROCEEDING NON-INDEX MAIN AUTHOR

## 94. MOBILE BOTNET DETECTION: PROOF OF CONCEPT

2014 IEEE 5TH CONTROL AND SYSTEM GRADUATE RESEARCH COLLOQUIUM (ICSGRC)

2014 PROCEEDING NON-INDEX MAIN AUTHOR

## 95. A METHOD TO MEASURE THE EFFICIENCY OF PHISHING EMAILS DETECTION FEATURES

2014 FIFTH INTERNATIONAL CONFERENCE ON INFORMATION SCIENCE AND APPLICATIONS

2014 PROCEEDING NON-INDEX CO-AUTHOR

## 96. AN EFFICIENT TROJAN HORSE CLASSIFICATION (ETC)

INTERNATION JOURNAL OF COMPUTER SCIENCE ISSUES

2013 JOURNAL WOS MAIN AUTHOR

## 97. TRAFFIC EVALUATION IN MOBILE WIMAX

INTERNATIONAL JOURNAL OF ENGINEERING RESEARCH AND DEVELOPMENT (IJERD)

2013 JOURNAL ERA CO-AUTHOR

## 98. AN EFFICIENT FRAMEWORK TO BUILD UP MALWARE DATASET

INTERNATIONAL JOURNAL OF COMPUTER SCIENCE AND ENGINEERING

2013 JOURNAL WOS MAIN AUTHOR

## 99. A NEW MODEL FOR TROJAN DETECTION USING KNOWLEDGE DATA DISCOVERY AND MACHINE LEARNING

SEMINAR CREATIVITY AND INNOVATION, EKSPLO INOVASI ISLAM KE-4 (I-INOVASI13)

2013 PROCEEDING NON-INDEX MAIN AUTHOR

## 100. STANDARD OPERATING PROCEDURES (SOP) TO BUILD UP MALWARE DATASET

3RD INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING & COMPUTER SYSTEMS (ICSECS - 2013)

2013 PROCEEDING NON-INDEX MAIN AUTHOR

## 101. MOBILE MALWARE DETECTION: PROOF OF CONCEPT

3RD INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING & COMPUTER SYSTEMS (ICSECS - 2013)

2013 PROCEEDING NON-INDEX MAIN AUTHOR

## 102. COMPUTER SECURITY SELF-EFFICACY EFFECT: AN EXTENTION OF TECHNOLOGY-TO-PERFORMANCE CHAIN MODE

2012 IEEE CONTROL AND SYSTEM GRADUATE RESEARCH COLLOQUIUM (ICSGRC)

2012 PROCEEDING NON-INDEX MAIN AUTHOR

## 103. COMPUTER SECURITY SELF-EFFICACY FACTORS INFLUENCING E-BANKING UTILIZATION AND USER SATISFACTION

SEMINAR HASIL PENYELIDIKAN, KEMENTERIAN PENGAJIAN TINGGI

2012 PROCEEDING NON-INDEX CO-AUTHOR

## 104. EFFICIENT STAKCERT KDD PROCESSES IN WORM DETECTION

WORLD ACADEMY OF SCIENCE, ENGINEERING AND TECHNOLOGY JOURNAL

2011 JOURNAL WOS MAIN AUTHOR

# PUBLICATION

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## 105. EFFICIENT STAKCERT KDD PROCESSES IN WORM DETECTION

INTERNATIONAL CONFERENCE ON COMPUTER AND INFORMATION SCIENCE

2011 PROCEEDING NON-INDEX MAIN AUTHOR

## 106. STAKCERT WORM RELATIONAL MODEL FOR WORM DETECTION

LECTURE NOTES IN ENGINEERING AND COMPUTER SCIENCE

2010 CHAPTER IN BOOK MAIN AUTHOR

## 107. STATISTICAL ANALYSIS IN EVALUATING STAKCERT INFECTION, ACTIVATION AND PAYLOAD METHODS

LECTURE NOTES IN ENGINEERING AND COMPUTER SCIENCE

2010 CHAPTER IN BOOK MAIN AUTHOR

## 108. PERFORMANCE ANALYSIS OF ROUTING PROTOCOL FOR WSN USING DATA CENTRIC APPROACH

INTERNATIONAL JOURNAL OF ELECTRICAL AND ELECTRONIC

2009 JOURNAL WOS CO-AUTHOR

## 109. STAKCERT FRAMEWORK IN CONFRONTING WORMS ATTACK

2ND IEEE INTERNATIONAL CONFERENCE ON COMPUTER SCIENCE AND INFORMATION TECHNOLOGY

2009 PROCEEDING NON-INDEX MAIN AUTHOR

## 110. STAKCERT FRAMEWORK IN ERADICATING WORMS ATTACK

INTERNATION CONFERENCE ON CYBER WORLDS

2009 PROCEEDING NON-INDEX MAIN AUTHOR

## 111. ANALYSIS OF PACKETS ABNORMALITIES IN WIRELESS SENSOR NETWORK

5TH INTERNATIONAL CONFERENCE ON MEMS, NANO, AND SMART SYSTEMS

2009 PROCEEDING NON-INDEX CO-AUTHOR

## 112. REVERSE ENGINEERING: EDOWA WORM ANALYSIS AND CLASSIFICATION

ADVANCES IN ELECTRICAL ENGINEERING AND COMPUTATIONAL SCIENCE: LECTURE NOTES IN ELECTRICAL ENGINEERING

2009 CHAPTER IN BOOK MAIN AUTHOR

## 113. WORM ANALYSIS THROUGH COMPUTER SIMULATION (WATCOS)

2008 INTERNATIONAL CONFERENCE OF INFORMATION SECURITY AND INTERNET ENGINEERING

2008 PROCEEDING NON-INDEX MAIN AUTHOR

## 114. EDOWA WORM CLASSIFICATION

2008 INTERNATIONAL CONFERENCE OF INFORMATION SECURITY AND INTERNET ENGINEERING

2008 PROCEEDING NON-INDEX MAIN AUTHOR

## 115. DEFENDING WORMS ATTACK THROUGH EDOWA SYSTEM

INTERNATIONAL SYMPOSIUM ON INFORMATION TECHNOLOGY 2008

2008 PROCEEDING NON-INDEX MAIN AUTHOR

## 116. NEEDLEMAN WUNSCH IMPLEMENTATION FOR SPAM/UCE INLINE FILTER

SEVENTH INTERNATIONAL NETWORK CONFERENCE

2008 PROCEEDING NON-INDEX CO-AUTHOR

## 117. AN OVERVIEW OF APOPTOSIS FOR COMPUTER SECURITY

INTERNATIONAL SYMPOSIUM ON INFORMATION TECHNOLOGY 2008

2008 PROCEEDING NON-INDEX CO-AUTHOR

# PUBLICATION

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## 118. DEFENDING VIRUS INFECTION THROUGH EXTRINSIC APPROACH

INTERNATIONAL SYMPOSIUM ON INFORMATION TECHNOLOGY 2008

2008

PROCEEDING

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## 119. DEFENDING VIRUS INFECTION THROUGH DVITAPOPTOSIS SYSTEM

INTERNATIONAL CONFERENCE ON INFORMATION TECHNOLOGY AND MULTIMEDIA

2008

PROCEEDING

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CO-AUTHOR

## 120. EFFICIENT AGENT VERIFICATION PROTOCOL IN AGENT-BASED IDS

IEEE 8TH INTERNATIONAL CONFERENCE ON COMPUTER AND INFORMATION TECHNOLOGY WORKSHOPS

2008

PROCEEDING

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CO-AUTHOR

## 121. USER AWARENESS ON VIRUS IN WINDOWS PLATFORM

JOURNAL OF INFORMATION TECHNOLOGY AND MULTIMEDIA

2007

JOURNAL

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MAIN AUTHOR

## 122. PHISHING: CHALLENGES AND ISSUES IN MALAYSIA

14TH INTERNATIONAL CONFERENCE OF LEARNING,

2007

PROCEEDING

NON-INDEX

MAIN AUTHOR

## 123. KNOWLEDGE STRUCTURE ON VIRUS FOR USER EDUCATION

LECTURE NOTES IN COMPUTER SCIENCE

2007

CHAPTER IN BOOK

MAIN AUTHOR

# CONSULTATION

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## 1. KEMAMPUAN INSTITUT SOSIAL MALAYSIA (ISM) SEBAGAI AGENSI AKREDITASI KERJA SOSIAL MALAYSIA

UKM PAKARUNDING

2024 NATIONAL

## 2. SME PEMBANGUNAN SOP MYGDx

HLA INTEGRATED SDN BHD

2023 NATIONAL

## 3. SUBJECT MATTER EXPERT (SME) FOR KSA IN DATA PRIVACY MANAGEMENT

CYBERSECURITY MALAYSIA(CSM)

2021 NATIONAL

## 4. SUBJECT MATTER EXPERT (SME) FOR SYSTEM DEVELOPMENT MALAYSIA URBAN OBSERVATORY (MUO)

MAP2U

2021 NATIONAL

## 5. PROGRAM CERTIFIED ETHICAL CYBERSECURITY PENETRATION TESTER

KEMENTERIAN PENDIDIKAN MALAYSIA (KPM)

2019 NATIONAL

## 6. 4TH INDUSTRIAL REVOLUTION (4IR) MUSLIM PROFESIONAL DEVELOPMENT

KEMENTERIAN PENDIDIKAN MALAYSIA (KPM)

2019 NATIONAL

## 7. FST CONFERENCE SYSTEM

FST/ INTERNATIONAL CONFERENCE ON RECENT ADVANCEMENTS IN SCIENCE AND TECHNOLOGY 2017(ICORAST)

2018 UNIVERSITY

## 8. PEMBANGUNAN BAKAT DIGITAL

KEMENTERIAN PENGAJIAN TINGGI

2017 NATIONAL

## 9. MALAYSIAN JOURNAL OF SCIENCE,HEALTH AND TECHNOLOGY SYSTEM (MJOSHT) SYSTEM

FACULTY OF SCIENCE & TECHNOLOGY,USIM

2016 UNIVERSITY

## 10. FST OBE SYSTEM

FST,USIM

2016 UNIVERSITY

## 11. JAWATANKUASA PEMANDU ISMS USIM

2014 UNIVERSITY

## 12. GE PROGRAM : ICT FOR SECURE MUSLIM DEVELOPMENT

KPM

2013 NATIONAL

## 13. DASAR PEMBANGUNAN SISTEM APLIKASI PTM,USIM

PTM,USIM

2013 UNIVERSITY

# AWARDS/RECOGNITION

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## 1. ANUGERAH PENERBITAN JURNAL Q1

2025 OTHERS

## 2. ANUGERAH PENCAPAIAN RPI TERTINGGI

2025 OTHERS

## 3. ANUGERAH JARINGAN KERJASAMA TERBAIK

2025 OTHERS

## 4. ANUGERAH PENERIMA GERAN PENYELIDIKAN

2025 OTHERS

## 5. ANUGERAH PENERIMA GERAN PENYELIDIKAN

2025 OTHERS

## 6. ANUGERAH PENERBITAN PROSIDING BERINDEKS WOS/SCOPUS

2025 OTHERS

## 7. ACADEMIC ADVISOR

UNIVERSITI MALAYSIA PAHANG AL-SULTAN ABDULLAH (UMPSA)

2025 NATIONAL

## 8. ACADEMIC ADVISOR

MULTIMEDIA UNIVERSITY (MMU)

2025 NATIONAL

## 9. ACADEMIC ADVISOR

UNIVERSITI KUALA LUMPUR KAMPUS(UNIKL), CAWANGAN MALAYSIAN INSTITUTE OF INFORMATION TECHNOLOGY (UNIKL - MIIT)

2025 NATIONAL

## 10. ACADEMIC ADVISOR

UNIVERSITI TEKNOLOGI MARA(UITM), SHAH ALAM

2025 NATIONAL

## 11. ANUGERAH PENSYARAH PILIHAN(KATEGORI PEREMPUAN)

2024 OTHERS

## 12. ANUGERAH PERKEMBANGAN KERJAYA

2024 OTHERS

## 13. ANUGERAH PENCAPAIAN RPI TERTINGGI

2024 OTHERS

## 14. ANUGERAH KUALITI

2024 OTHERS

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## 15. ANUGERAH E-PEMBELAJARAN USIM

2024 UNIVERSITY

## 16. ACADEMIC ADVISOR

KOLEJ VOKASIONAL SHAH ALAM

2024 NATIONAL

## 17. ACADEMIC ADVISOR

UNIVERSITI TEKNIKAL MALAYSIA MELAKA (UTEM)

2024 NATIONAL

## 18. ACADEMIC ADVISOR

UNIVERSITI TEKNIKAL MALAYSIA MELAKA (UTEM)

2024 NATIONAL

## 19. ABNORMAL PSYCHOLOGY KIT GADGET

Pertandingan Inovasi FKP 2024

2024 UNIVERSITY BRONZE

## 20. BRIDGING EMOTIONAL INTELLIGENCE AND CYBER LITERACY: A HOLISTIC APPROACH TO MENTAL RESILIENCE IN MALAYSIAS YOUTH

2ND ASIA PACIFIC REGIONAL DEVELOPMENT COMMUNITY SUMMIT (RDC SUMMIT)

2024 ANTARABANGSA SILVER

## 21. ACADEMIC ADVISOR

UNIVERSITI PERTAHANAN NASIONAL MALAYSIA (UPNM)

2023 NATIONAL

## 22. ACADEMIC ADVISOR

UNIVERSITI MALAYSIA PAHANG (UMP)

2023 NATIONAL

## 23. ACADEMIC ADVISOR

UNIVERSITI MALAYA (UM)

2023 NATIONAL

## 24. VISITING RESEARCHER

CYBER SECURITY RESEARCH GROUP, UNIVERSITY BRISTOL, UNITED KINGDOM

2023 INTERNATIONAL

## 25. PHISHING DETECTION AND PREVENTION MODEL

INNOVATION BANK CHALLENGE 2023 (IBC2023)

2023 UNIVERSITY BRONZE

## 26. VISITING PROFESOR

VISITING PROFESSOR PROGRAM FOR FACULTY ENGINEERING UNIVERSITAS MUHAMMADIYAH MAGELANG(UNIMMA)

2022 INTERNATIONAL

## 27. VISITING SCHOLAR

ACADEMIC LECTURE FOR ADVANCED TECHNOLOGY AND MULTIDISCIPLINARY, UNIVERSITAS AIRLANGGA(UNAIR).

2022 INTERNATIONAL

**28. VISITING RESEARCHER**

CYBERSECURITY RESEARCH GROUP, UNIVERSITY OF BRISTOL, UK

2022

INTERNATIONAL

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## 29. ANUGERAH PENYELIDIK CEMERLANG (SAINS, TEKNOLOGI & PERUBATAN) 2020

2021 UNIVERSITY

## 30. VISITING PROFESOR

WIDAYATAMA UNIVERSITY

2021 INTERNATIONAL

## 31. VISITING RESEARCHER

CYBERSECURITY CENTER, BRISTOL UNIVERSITY

2021 INTERNATIONAL

## 32. ACADEMIC ADVISOR

UNIVERSITI PERTAHANAN NASIONAL MALAYSIA (UPNM)

2020 NATIONAL

## 33. EZCYBERCRIME DETECTION AND RESPONSE MOBILE APPS PROTOTYPE FOR SMARTPHONE

30th INTERNATIONAL INVENTION, INNOVATION & TECHNOLOGY EXHIBITION 2019 (ITEX 2019)

2019 ANTARABANGSA SILVER

## 34. EZCYBERCRIME DETECTION AND RESPONSE MOBILE APPS FOR SMARTPHONE (EZCYBERCRIME)

INTERNATIONAL CONFERENCE AND EXPOSITION ON INVENTIONS BY INSTITUTIONS OF HIGHER LEARNING (PECIPTA'19)

2019 ANTARABANGSA SILVER

## 35. THE FLICKER: SECURE FREE SPACE OPTICS COMMUNICATION FOR NAVAL

INTERNATIONAL CONFERENCE AND EXPOSITION ON INVENTIONS BY INSTITUTIONS OF HIGHER LEARNING (PECIPTA'19)

2019 ANTARABANGSA SILVER

## 36. ANUGERAH PRESTASI CEMERLANG PENERBITAN TERBANYAK JURNAL BERINDEKS (SAINS) 2017

2018 UNIVERSITY

## 37. ANUGERAH PENYELIDIK CEMERLANG (SAINS, TEKNOLOGI & PERUBATAN) 2018

2018 UNIVERSITY

## 38. TOP 100 RESEARCHERS USIM ( 2013-2017)

TOP 100 RESEARCHERS

2018 UNIVERSITI CERTIFICATE OF APPRECIATION

## 39. ANUGERAH PENYELIDIKAN KATEGORI SAINS, TEKNOLOGI DAN PERUBATAN (PENYEDIKAN TERBAIK)- EFFICIENT MOBILE MALWARE DETECTION MODEL

2017 UNIVERSITY

## 40. VISITING PROFESOR

SAMARKAND BRANCH OF TASHKENT UNIVERSITY OF INFORMATION TECHNOLOGIES (SAMTUIT)

2016 INTERNATIONAL

## 41. IM READY

27TH INTERNATIONAL INVENTION & INNOVATION EXHIBITION 2016 (ITEX 2016)

2016 ANTARABANGSA SILVER

## 42. IMREADY

International Invention, Innovation & Technology Exhibition

2016 ANTARABANGSA SILVER

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## 43. Q-CHECKED

EKSPLO INOVASI ISLAM 1438H (I-INOVA16)

2016 UNIVERSITI SILVER

## 44. BRONZE MEDAL, EZCERT 2.0

2015 INTERNATIONAL

## 45. EZCERT 2.0

Pertandingan Ekspo Ciptaan Institusi Pengajian Tinggi dan Antarabangsa (PECIPTA) 2015

2015 ANTARABANGSA BRONZE

## 46. GOLD MEDAL, EZCERT

2014 INTERNATIONAL

## 47. ANUGERAH KECEMERLANGAN INOVASI 2013

2014 UNIVERSITY

## 48. ANUGERAH KECEMERLANGAN INOVASI (I-HAJ)

2014 UNIVERSITY

## 49. EZCERT

25TH INTERNATIONAL INVENTION , INNOVATION & TECHNOLOGY EXHIBITION (ITEX 2014)

2014 ANTARABANGSA GOLD

## 50. EZCERT: V-INSPECT (KATEGORI : ICT)

PERTANDINGAN REKACIPTA DAN INOVASI ISLAM USIM 2014 (I-REKA 14)

2014 UNIVERSITI CERTIFICATE OF APPRECIATION

## 51. ESCA'NER (KATEGORI : ICT)

PERTANDINGAN REKACIPTA DAN INOVASI ISLAM USIM 2014 (I-REKA 14)

2014 UNIVERSITI CERTIFICATE OF APPRECIATION

## 52. EZCERT-SPLOIBER (KATEGORI : ICT)

PERTANDINGAN REKACIPTA DAN INOVASI ISLAM USIM 2014 (I-REKA 14)

2014 UNIVERSITI CERTIFICATE OF APPRECIATION

## 53. EZCERT : NOVUL (KATEGORI : ICT)

PERTANDINGAN REKACIPTA DAN INOVASI ISLAM USIM 2014 (I-REKA 14)

2014 UNIVERSITI CERTIFICATE OF APPRECIATION

## 54. BRONZE MEDAL, STADIR, 4TH EXPOSITION ON ISLAMIC INNOVATION 2013 (I-INOVA'13)

2013 NATIONAL

55. EZSIBER, SPECIAL AWARD: WORLD INVENTION INTELLECTUAL PROPERTY ASSOCIATION (WIIPA) FROM TAIWAN, INTERNATIONAL EXPOSITION OF RESEARCH AND INVENTIONS OF INSTITUTIONS OF HIGHER LEARNING 2013 (PECIPTA), MALAYSIA, KLCC CONVENTION CENTRE, KUALA LUMPUR, MALAYSIA

2013 INTERNATIONAL

56. EZSIBER, GOLD MEDAL, INTERNATIONAL EXPOSITION OF RESEARCH AND INVENTIONS OF INSTITUTIONS OF HIGHER LEARNING 2013 (PECIPTA), MALAYSIA, KLCC CONVENTION CENTRE, KUALA LUMPUR, MALAYSIA

2013 INTERNATIONAL

# AWARDS/RECOGNITION

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## 57. ANUGERAH STAF CONTOH FST OKTOBER 2013

2013 UNIVERSITY

## 58. STADIR : STATIC DYNAMIC INCIDENT RESPONSE MALWARE DATASET MODEL

4TH EXPOSITION ON ISLAMIC INNOVATION 2013 (I-INOVA"13)

2013 KEBANGSAAN BRONZE

## 59. EZSIBER

PECIPTA INTERNATIONAL CONFERENCE & EXPOSITION ON INVENTION OF INSTITUTIONS OF HIGHER LEARNING

2013 ANTARABANGSA GOLD

## 60. INTELLIGENT ARABIC FOR HAJ AND UMRAH (I-HAJJ)

PECIPTA INTERNATIONAL CONFERENCE & EXPOSITION ON INVENTION OF INSTITUTIONS OF HIGHER LEARNING

2013 ANTARABANGSA BRONZE

## 61. INTELLIGENT ARABIC FOR HAJ AND UMRAH (I-HAJJ)

4TH EXPOSITION ON ISLAMIC INNOVATION 2013 (I-INOVA"13)

2013 KEBANGSAAN GOLD

## 62. ELECTRONIC LUGANDA ENGLISH ARABIC WORDLIST (E-LEAW)

4TH EXPOSITION ON ISLAMIC INNOVATION 2013 (I-INOVA"13)

2013 KEBANGSAAN CERTIFICATE OF APPRECIATION

## 63. EFFICIENT MALWARE SECURE SYSTEM (E3MSS)

23rd INTERNATIONAL INVENTION, INNOVATION & TECHNOLOGY EXHIBITION (ITEX2012)

2012 ANTARABANGSA BRONZE

## 64. ECOVP - EFFICIENT CONTROL OF VIRUS PROPAGATION

Invention Show (BIS)

2008 ANTARABANGSA GOLD

## 65. E-JAWI - JAWI CHARACTER RECOGNITION TOOL

Invention Show (BIS)

2008 ANTARABANGSA GOLD

## 66. EDOWA - EFFICIENT DETECTION OF WORMS ATTACK

Invention Show (BIS)

2008 ANTARABANGSA SILVER

## 67. EDVITA - EFFICIENT DEFENSIVE FROM VIRUS INFECTION THROUGH APOPTOSIS

Invention Show (BIS)

2008 ANTARABANGSA SILVER

## 68. EFFICIENT CONTROL OF VIRUS PROPAGATION (ECOVP)

Ekspo Penyelidikan dan Ciptaan Institusi Pengajian Tinggi Antarabangsa 2007

2007 ANTARABANGSA BRONZE