

PROF. MADYA DR. AZNI HASLIZAN BINTI AB HALIM

PENSYARAH UNIVERSITI DS14

CONTACT

PHONE

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FACULTY

Fakulti Sains Dan Teknologi

SUPERVISION

PhD	6 COMPLETED	7 ONGOING
Master	4 COMPLETED	2 ONGOING

AREAS OF EXPERTISE

- Cryptography And Cryptanalysis (including Key Management And Random Number Generation)
- Data Security Data And Digital Security And Privacy
- Cybersecurity And Cyberwarfare Preparedness

ACADEMIC QUALIFICATION

- 2014 **PhD** - Computer Science
- 2002 **Master** - Digital Communication
- 1998 **Bachelor** - Sistem Teknologi Maklumat

RESEARCH

1. OPTIMIZATION OF PARAMETERS TO IMPROVE COVER GENERATION ACCURACY FOR SECURE AUDIO STEGANOGRAPHY

2025 | GERAN PENYELIDIKAN USIM RACER | ON GOING | CO-RESEARCHER

2. AI-DRIVEN CYBERSECURITY THROUGH CYBER HASANAT FOR SUSTAINABLE DIGITAL COMMUNITIES

2025 | GERAN PENYELIDIKAN AGENSI KERAJAAN | COMPLETED | CO-RESEARCHER

3. KAJIAN PENILAIAN PRESTASI SISTEM MYGRANTS DAN CADANGAN PENAMBAHBAIKAN SISTEM

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. HYBRID FUZZY LEAST SQUARES GENERATIVE ADVERSARIAL NETWORK (LS-GAN) BASED AUDIO STEGANOGRAPHY FOR BETTER IMPERCEPTIBILITY AND SECURITY REAL TIME PERFORMANCE.

2024 | GERAN KPT | ON GOING | CO-RESEARCHER

RESEARCH

6. CYBER HASANAT: SECURE CYBERCITIZENSHIP AWARENESS

2024 | GERAN PENYELIDIKAN AGENSI KERAJAAN | COMPLETED | CO-RESEARCHER

7. THE DEVELOPMENT OF ARTIFICIAL INTELLIGENCE SELF-LEARNING TOOL USING ARABIC CORPUS-BASED APPROACH

2024 | GERAN PENYELIDIKAN PENTADBIR | ON GOING | CO-RESEARCHER

8. CYBERSECURITY AND SYSTEMS (CSS)

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

9. ENHANCING INTEROPERABILITY IN THE CERTIFICATE AUTHORITY: NEW TRUST MODEL FOR PUBLIC KEY INFRASTRUCTURE USING CRYPTO-AGILITY

2024 | GERAN KPT | ON GOING | MAIN RESEARCHER

10. DEVELOPMENT OF AN ARABIC EXAM QUESTION GENERATOR UTILIZING ADVANCED NATURAL LANGUAGE PROCESSING TECHNIQUES WITH ARABIC CORPUS

2024 | GERAN PENYELIDIKAN USIM | ON GOING | MAIN RESEARCHER

11. A MULTILAYER SECURE GEO-FENCING SURVEILLANCE FRAMEWORK FOR PUBLIC HEALTH CONTROL OF INFECTIOUS DISEASE MONITORING

2023 | GERAN KPT | ON GOING | CO-RESEARCHER

12. A STUDY ON USER BEHAVIOUR PROFILING FOR ORGANIZATIONAL SECURITY RESILIENCE

2023 | GERAN PENYELIDIKAN USIM | ON GOING | CO-RESEARCHER

13. ENHANCING DISASTER PREPAREDNESS AND RESILIENCE THROUGH A MOBILE EDUTAINMENT BASED ON USER-CENTERED APPROACH

2023 | GERAN PENYELIDIKAN PENTADBIR | ON GOING | CO-RESEARCHER

14. A STUDY ON MALAYSIAN DIGITAL SIGNATURE (DS) MARKET DEMAND AND FEASIBILITY OF CERTIFICATION AUTHORITY (CA) INTEROPERABILITY

2023 | GERAN PENYELIDIKAN AGENSI KERAJAAN | COMPLETED | MAIN RESEARCHER

15. GAME-BASED LEARNING TOOL FOR CYBERSECURITY AWARENESS WITH NAQLI AND AQLI INTEGRATION

2022 | BIDUNI MIZANNIYAH | COMPLETED | CO-RESEARCHER

16. BALANCED COVER AUDIO SUGGESTION FOR AUDIO STEGANOGRAPHY ALGORITHM BASED ON NSGA-II, SEGMENTATION AND CHAOTIC MAP

2020 | GERAN KPT | COMPLETED | CO-RESEARCHER

17. KIPLE FRAUD MANAGEMENT SYSTEM

2019 | PROJEK REVOLUSI INDUSTRI 4.0 | COMPLETED | CO-RESEARCHER

18. LIGHTWEIGHT CRYPTOSYSTEM BY ADOPTING THE 3D FEATURE

2019 | GERAN KPT | COMPLETED | MAIN RESEARCHER

RESEARCH

19. DYNAMIC S-BOX USING AFFINE TRANSFORMATION TO INCREASE THE SECURITY OF ENCRYPTION

2018 | GERAN PENYELIDIKAN USIM | COMPLETED | CO-RESEARCHER

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

2017 | GERAN KPT | COMPLETED | CO-RESEARCHER

21. A NEW CRYPTOGRAPHHY ALGORITHM DERIVED FROM QURANIC MAQAMAT FOR PREVENTING ACCOUSTIC ATTACKS.

2016 | GERAN KPT | COMPLETED | CO-RESEARCHER

22. A NEW INTEGRATED POSTGRADUATE STUDENT SYSTEMS DEVELPMENT

2015 | GERAN PENYELIDIKAN KHAS | COMPLETED | CO-RESEARCHER

23. AN ENHANCEMENT OF CORRELATED CLUSTERING APPROACH FOR IMPROVING WIRELESS ADHOC NETWORK PERFORMANCE.

2014 | GERAN KPT | COMPLETED | MAIN RESEARCHER

24. COMPARISON STUDY BETWEEN EXPECTATION & EXPERIENCE OF ICT PROVISION IN UNIVERSITY

2009 | GERAN PENYELIDIKAN PANTAS BAWAH SETAHUN | COMPLETED | CO-RESEARCHER

PUBLICATION

1. EVALUATION OF USER-CENTRED DESIGN IN THE USER INTERFACE (UI) AND USER EXPERIENCE (UX) OF A GAMIFIED EDUTAINMENT APPLICATION ON DISASTER PREPAREDNESS

MALAYSIAN JOURNAL OF SCIENCE, HEALTH & TECHNOLOGY (MJOSHT)

2026 | JOURNAL | OTHER DATABASE | MAIN AUTHOR

2. ADVANCED NLP TECHNIQUES FOR GENERATING CONTEXTUAL AND GRAMMATICAL ARABIC EXAM QUESTIONS

MALAYSIAN JOURNAL OF SCIENCE, HEALTH & TECHNOLOGY (MJOSHT)

2026 | JOURNAL | MYCITE | CO-AUTHOR

3. DIGITAL CERTIFICATE-BASED AUTHENTICATION MODEL FOR ENHANCED SMARTPHONE SECURITY

JOURNAL OF COMPUTING RESEARCH AND INNOVATION (JCRINN)

2025 | JOURNAL | OTHER DATABASE | MAIN AUTHOR

4. ANALYSIS OF TRUST MODELS IN PUBLIC KEY INFRASTRUCTURE: A SYSTEMATIC LITERATURE REVIEW OF INTEROPERABILITY CHALLENGES

MALAYSIAN JOURNAL OF SCIENCE, HEALTH & TECHNOLOGY

2025 | JOURNAL | OTHER DATABASE | CORRESPONDING AUTHOR

5. ADVANCING LOCALIZED PUBLIC HEALTH SURVEILLANCE IN MALAYSIA BY ENHANCING EIOS WITH GOOGLE COVID-19 DATA INTEGRATION

MALAYSIAN JOURNAL OF SCIENCE, HEALTH & TECHNOLOGY

2025 | JOURNAL | OTHER DATABASE | CORRESPONDING AUTHOR

PUBLICATION

6. FORECASTING PUBLIC HEALTH RISKS IN MALAYSIA: INSIGHTS FROM SEIR MODELLING OF INFECTIOUS DISEASES

MALAYSIAN JOURNAL OF SCIENCE, HEALTH & TECHNOLOGY

2025 JOURNAL OTHER DATABASE CORRESPONDING AUTHOR

7. TECHNOLOGICAL TRENDS IN EPIDEMIC INTELLIGENCE FOR INFECTIOUS DISEASE SURVEILLANCE: A SYSTEMATIC LITERATURE REVIEW

PEERJ COMPUTER SCIENCE

2025 JOURNAL OTHER DATABASE CORRESPONDING AUTHOR

8. BEYOND THE OUTBREAK: A REVIEW OF BIGDATA ANALYTICS IN PROACTIVE INFECTIOUS DISEASEPREVENTION FOR RISK MITIGATION FOR COVID?19

JOURNAL OF BIG DATA

2025 JOURNAL OTHER DATABASE CORRESPONDING AUTHOR

9. ASSESSING FEATURES FOR MALAYSIAN UNIVERSITIES? WEB EXPERT DIRECTORY FROM USER PERSPECTIVES

CITRA JOURNAL OF COMPUTER SCIENCE AND TECHNOLOGY

2025 JOURNAL OTHER DATABASE CO-AUTHOR

10. BEYOND THE BOARD: CYBERPOLY AS A MULTIDIMENSIONAL GAMIFIED LEARNING TOOL FOR CYBERSECURITY AWARENESS

JOURNAL OF ADVANCED RESEARCH IN COMPUTING AND APPLICATIONS

2025 JOURNAL MYCITE MAIN AUTHOR

11. SWINDLERT: DEVELOPMENT OF AUGMENTED REALITY GAME-BASED INTERACTIVITY FOR ENHANCING CYBERCRIME AWARENESS

JOURNAL OF COMPUTING RESEARCH AND INNOVATION (JCRINN)

2025 JOURNAL MYCITE MAIN AUTHOR

12. BIG DATA-DRIVEN INFORMATION SECURITY BEHAVIOURAL PROFILING FOR ORGANISATIONAL RESILIENCE

JOURNAL OF ADVANCED RESEARCH IN BUSINESS AND MANAGEMENT STUDIES

2025 JOURNAL MYCITE CO-AUTHOR

13. A STUDY ON MALAYSIAN DIGITAL SIGNATURE MARKET DEMAND AND FEASIBILITY OF CERTIFICATION AUTHORITY INTEROPERABILITY

MEDIA MATTERS-DIGITAL SOCIETY RESEARCH REPORT

2025 CHAPTER IN BOOK MAIN AUTHOR

14. SAKTI&#65533;: SECURED CHATTING TOOL THROUGH FORWARD SECRECY

JOURNAL OF ADVANCE RESEARCH IN APPLIED SCIENCES AND ENGINEERING TECHNOLOGY

2024 JOURNAL OTHER DATABASE MAIN AUTHOR

15. 3D LIGHTWEIGHT CRYPTOSYSTEM DESIGN FOR IOT APPLICATIONS BASED ON COMPOSITE S-BOX

INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN COMPUTATIONAL THINKING AND DATA SCIENCE (CTDS)

2024 JOURNAL OTHER DATABASE CO-AUTHOR

PUBLICATION

16. DISASTERPREP: GAMIFIED MOBILE EDUTAINMENT FOR FUTURE DISASTER PREPAREDNESS AND RESILIENCE

ASEAN JOURNAL OF TEACHING AND LEARNING IN HIGHER EDUCATION (AJTLHE)

2024 JOURNAL OTHER DATABASE MAIN AUTHOR

17. A COMPARATIVE ANALYSIS OF KEY MANAGEMENT IN PKI INTEROPERABILITY USING SYSTEMATIC LITERATURE REVIEW

SCIENCE TECHNOLOGY GRADUATES COLLOQUIUM (KOSIST 2024)

2024 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

18. ARABIC EXAM QUESTION GENERATION: AN NLP AND CORPUS-DRIVEN APPROACH

INTERNATIONAL CONFERENCE ON EMERGING TECHNOLOGIES AND SUSTAINABILITY (ICETS)

2024 PROCEEDING NON-INDEX MAIN AUTHOR

19. DIGITAL CERTIFICATE-BASED AUTHENTICATION MODEL FOR ENHANCED SMARTPHONE SECURITY

SYMPOSIUM ON COMPUTER SCIENCE AND MATHEMATICS (SCOMATICS 2024)

2024 PROCEEDING NON-INDEX MAIN AUTHOR

20. CRYPTOLEARN: AI-DRIVEN ADAPTIVE CRYPTOGRAPHY LEARNING

INTERNATIONAL SEMINAR ON ISLAM AND SCIENCE (SAIS 2024)

2024 PROCEEDING NON-INDEX MAIN AUTHOR

21. DESIGN AND IMPLEMENTATION OF A GENETIC ALGORITHM-BASED BLOCK CIPHER FOR ENHANCED CRYPTOGRAPHIC SECURITY

SEMINAR ANTARABANGSA ISLAM DAN SAINS (SAIS) 2024

2024 PROCEEDING NON-INDEX MAIN AUTHOR

22. BIG DATA-DRIVEN INFORMATION SECURITY BEHAVIOURAL PROFILING FOR ORGANISATIONAL RESILIENCE

THE INTERNATIONAL CONFERENCE ON EMERGING TECHNOLOGIES AND SUSTAINABILITY (ICETS 2024)

2024 PROCEEDING NON-INDEX MAIN AUTHOR

23. INTEROPERABILITY CHALLENGES AMONG CERTIFICATION AUTHORITIES IN MALAYSIA: AN IN-DEPTH ANALYSIS

INTERNATIONAL CONFERENCE ON CYBER SECURITY, PRIVACY IN COMMUNICATION NETWORKS

2024 PROCEEDING NON-INDEX MAIN AUTHOR

24. ASSESSING FEATURES FOR MALAYSIAN UNIVERSITIES EXPERT DIRECTORY

2ND INTERNATIONAL CONFERENCE ON EMERGING TECHNOLOGIES AND SUSTAINABILITY

2024 PROCEEDING NON-INDEX MAIN AUTHOR

25. GLOBALIZING CYBER HASANAT: CULTIVATING DIGITAL LITERACY AND ETHICAL RESPONSIBILITY FOR THE RESILIENCE COMMUNITY

INTERNATIONAL SEMINAR ON ISLAM AND SCIENCE (SAIS 2024) - 7TH EDITION

2024 PROCEEDING NON-INDEX MAIN AUTHOR

26. DISASTERPREP: DISASTER PREPAREDNESS AND RESILIENCE THROUGH A MOBILE EDUTAINMENT

INTERNATIONAL CONFERENCE ON EMERGING TECHNOLOGIES AND SUSTAINABILITY (ICETS)

2024 PROCEEDING NON-INDEX MAIN AUTHOR

PUBLICATION

27. SWINDLERT: DEVELOPMENT OF AUGMENTED REALITY GAME-BASED INTERACTIVITY FOR ENHANCING CYBERCRIME AWARENESS

INTERNATIONAL SYMPOSIUM ON COMPUTER SCIENCES AND MATHEMATICS 2024 (I-SCOMATICS)

2024 PROCEEDING NON-INDEX MAIN AUTHOR

28. IMPROVING DYNAMIC SECURITY OF THE LEAST SIGNIFICANT BIT USING BLOCK-BASED CHAOTIC MULTI-LEVEL LSB (BCM-LSB)

THE 9TH INTERNATIONAL CONFERENCE ON CYBER SECURITY, PRIVACY IN COMMUNICATION NETWORKS (ICCS 2023)

2024 PROCEEDING SCOPUS CORRESPONDING AUTHOR

29. SYSTEMATIC LITERATURE REVIEW: TREND ANALYSIS ON THE DESIGN OF SECURE LIGHTWEIGHT BLOCK CIPHER

JOURNAL OF KING SAUD UNIVERSITY - COMPUTER AND INFORMATION SCIENCES

2023 JOURNAL SCOPUS CORRESPONDING AUTHOR

30. CERTIFICATE AUTHORITY CAPACITY AND DIGITAL SIGNATURE MARKET DEMAND IN PROMOTING INTEROPERABILITY IN MALAYSIA.

1ST INTERNATIONAL CONFERENCE ON ADVANCES IN MACHINE INTELLIGENCE, AND CYBERSECURITY TECHNOLOGIES (AMICT2023)

2023 PROCEEDING NON-INDEX MAIN AUTHOR

31. A METHOD OF COVER AUDIO SELECTION FOR EMBEDDING BASED ON VARIOUS CRITERIA

1ST INTERNATIONAL CONFERENCE ON ADVANCES IN MACHINE INTELLIGENCE, AND CYBERSECURITY TECHNOLOGIES (AMICT2023)

2023 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

32. SECURE CYBERCITIZENSHIP (SET): A GAMIFICATION LEARNING TOOL FOR CYBERSECURITY AWARENESS

ACADEMIA PRESS SOLUTIONS (APS) PROCEEDINGS VOLUME 6

2023 PROCEEDING NON-INDEX MAIN AUTHOR

33. SYSTEMATIC LITERATURE REVIEW FOR LIGHTWEIGHT AUTHENTICATION ALGORITHM IN THE IOT

JOURNAL OF SUSTAINABILITY SCIENCE AND MANAGEMENT

2022 JOURNAL SCOPUS CORRESPONDING AUTHOR

34. LAO-3D: A SYMMETRIC LIGHTWEIGHT BLOCK CIPHER BASED ON 3D PERMUTATION FOR MOBILE ENCRYPTION APPLICATION

SYMMETRY

2022 JOURNAL SCOPUS CORRESPONDING AUTHOR

35. A THEORETICAL COMPARATIVE ANALYSIS OF DNA TECHNIQUES USED IN DNA BASED CRYPTOGRAPHY

JOURNAL OF SUSTAINABILITY SCIENCE AND MANAGEMENT

2022 JOURNAL OTHER DATABASE CORRESPONDING AUTHOR

36. ENHANCING CYBER-ATTACKS AWARENESS VIA MOBILE GAMIFICATION TECHNIQUES

INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN TECHNOLOGY AND INNOVATION

2022 JOURNAL OTHER DATABASE MAIN AUTHOR

37. ANALYSIS OF PERMUTATION FUNCTIONS FOR LIGHTWEIGHT BLOCK CIPHER DESIGN

8TH INTERNATIONAL CRYPTOLOGY AND INFORMATION SECURITY CONFERENCE 2022 (CRYPTOLOGY2022)

2022 PROCEEDING SCOPUS CORRESPONDING AUTHOR

PUBLICATION

38. 3D DESIGN FOR LIGHTWEIGHT S-BOX

2022 INTERNATIONAL CONFERENCE ON INNOVATIONS IN SCIENCE, ENGINEERING AND TECHNOLOGY (ICISET)

2022 | PROCEEDING | SCOPUS | CORRESPONDING AUTHOR

39. STATISTICAL ANALYSIS OF 3D RECTANGLE ENCRYPTION ALGORITHM

RESEARCH WORLD INTERNATIONAL CONFERENCE

2022 | PROCEEDING | NON-INDEX | CORRESPONDING AUTHOR

40. QURANIC ACOUSTIC AN ANALYIS FOR CRYTOGRAPHIC APPLICATION

2022 | BOOK

41. SYSTEMATIC LITERATURE REVIEW ON CURRENT IMPLEMENTATION OF ADVANCED ENCRYPTION STANDARD (AES) S-BOX

QURANIC ACOUSTIC-AN ANALYSIS FOR CRYPTOGRAPHIC APPLICATION

2022 | CHAPTER IN BOOK | MAIN AUTHOR

42. FAULT CRYPTANALYSIS ON ADVANCED ENCRYPTION STANDARD

QURANIC ACOUSTIC-AN ANALYSIS FOR CRYPTOGRAPHIC APPLICATION

2022 | CHAPTER IN BOOK | CO-AUTHOR

43. A SYSTEMATIC LITERATURE REVIEW ON LIGHTWEIGHT SECURED S-BOX DESIGN FOR MHEALTH APPLICATIONS

SELANGOR SCIENCE & TECHNOLOGY REVIEW (SESTER)

2021 | JOURNAL | OTHER DATABASE | CORRESPONDING AUTHOR

44. SECURITY ANALYSIS BETWEEN STATIC AND DYNAMIC SBOXES IN BLOCK CIPHERS

JOURNAL OF INFORMATION SYSTEM AND TECHNOLOGY MANAGEMENT (JISTM)

2021 | JOURNAL | MYCITE | CO-AUTHOR

45. LIGHTWEIGHT DENIAL OF SERVICE (DOS) DETECTION SYSTEM ALGORITHM (LIDSA)

2021 23RD INTERNATIONAL CONFERENCE ON ADVANCED COMMUNICATION TECHNOLOGY (ICACT)

2021 | PROCEEDING | NON-INDEX | CO-AUTHOR

46. RANDOMNESS TESTS ON NINE DATA CATEGORIES OF RECTANGLE USING NIST STATISTICAL TEST SUITE

INTERNATIONAL JOURNAL OF CRYPTOLOGY RESEARCH

2020 | JOURNAL | OTHER DATABASE | CORRESPONDING AUTHOR

47. KNOWLEDGE IMPACT ON INFORMATION QUALITY, SERVICE QUALITY AND SYSTEM QUALITY FOR SECURITY OF 1GOVUC

OIC-CERT JOURNAL OF CYBER SECURITY

2020 | JOURNAL | OTHER DATABASE | MAIN AUTHOR

48. DIGITAL AUDIO STEGANOGRAPHY: SYSTEMATIC REVIEW, CLASSIFICATION, AND ANALYSIS OF THE CURRENT STATE OF THE ART

COMPUTER SCIENCE REVIEW

2020 | JOURNAL | SCOPUS | CO-AUTHOR

PUBLICATION

49. EXTENDED RECTANGLE ALGORITHM USING 3D BIT ROTATION TO PROPOSE A NEW LIGHTWEIGHT BLOCK CIPHER FOR IOT

IEEE ACCESS

2020 JOURNAL ISI MAIN AUTHOR

50. THE PROGRESSIVE MULTILEVEL EMBEDDING METHOD FOR AUDIO STEGANOGRAPHY

JOURNAL OF PHYSICS.: CONFERENCE SERIES

2020 JOURNAL SCOPUS CO-AUTHOR

51. RANDOMNESS ANALYSIS ON RECTANGLE BLOCK CIPHER

7TH INTERNATIONAL CRYPTOLOGY AND INFORMATION SECURITY CONFERENCE 2020 (CRYPTOLOGY2020)

2020 PROCEEDING NON-INDEX CO-AUTHOR

52. MODIFICATIONS OF KEY SCHEDULE ALGORITHM ON RECTANGLE BLOCK CIPHER

2ND INTERNATIONAL CONFERENCE ON ADVANCES IN CYBER SECURITY (ACES 2020)

2020 PROCEEDING NON-INDEX CO-AUTHOR

53. ON SELECTED ISSUES OF BOOLEAN FUNCTION APPLICATION IN SYMMETRIC KEY CRYPTOGRAPHY AGAINST SIDE CHANNEL ATTACKS

JOURNAL OF PHYSICS: CONFERENCE SERIES

2019 JOURNAL SCOPUS CO-AUTHOR

54. FORMULATION OF 3D EUCLIDEAN DISTANCE FOR NETWORK CLUSTERING IN WIRELESS SENSOR NETWORK

INTERNATIONAL JOURNAL OF ADVANCED COMPUTER TECHNOLOGY

2019 JOURNAL SCOPUS CO-AUTHOR

55. LINEAR HYBRID CELLULAR AUTOMATA (LHCA) RULE 90/150 BASED S-BOX

INTERNATIONAL JOURNAL OF INNOVATIVE TECHNOLOGY AND EXPLORING ENGINEERING

2019 JOURNAL SCOPUS CO-AUTHOR

56. ISSUES IN LIGHTWEIGHT ENCRYPTION ALGORITHM FOR MHEALTH

INTERNATIONAL JOURNAL OF RECENT TECHNOLOGY AND ENGINEERING OPEN ACCESS

2019 JOURNAL SCOPUS CO-AUTHOR

57. THE ADAPTIVE MULTI-LEVEL PHASE CODING METHOD IN AUDIO STEGANOGRAPHY

IEEE ACCESS

2019 JOURNAL SCOPUS CO-AUTHOR

58. LIGHTWEIGHT CRYPTOGRAPHY TECHNIQUES FOR MHEALTH CYBERSECURITY

2019 ASIA PACIFIC INFORMATION TECHNOLOGY CONFERENCE

2019 PROCEEDING NON-INDEX MAIN AUTHOR

59. VISUAL PERCEPTION GAMES FOR AUTISTIC LEARNERS: DESIGN & DEVELOPMENT

2019 ASIA PACIFIC INFORMATION TECHNOLOGY CONFERENCE

2019 PROCEEDING NON-INDEX CO-AUTHOR

PUBLICATION

60. VISUAL PERCEPTION GAMES FOR AUTISTIC LEARNERS: RESEARCH FINDINGS

PROCEEDINGS OF THE 2019 ASIA PACIFIC INFORMATION TECHNOLOGY CONFERENCE

2019 PROCEEDING NON-INDEX CO-AUTHOR

61. SPAM AND ETHICS OF SPAMMING FROM AND AN ISLAMIC PERSPECTIVES

THE INTEGRATION OF NAQLI AND AQLI IN INFORMATION SECURITY ASSURANCE FROM THE ISLAMIC AND TECHNOLOGICAL PERSPECTIVES

2019 CHAPTER IN BOOK CO-AUTHOR

62. INITIATING AN ONLINE REPUTATION MONITORING SYSTEM WITH OPEN SOURCE ANALYTICS TOOLS

JOURNAL OF PHYSICS: CONFERENCE SERIES

2018 JOURNAL SCOPUS CO-AUTHOR

63. AN ADAPTIVE MULTI AMPLITUDE THRESHOLDS EMBEDDING ALGORITHM FOR AUDIO STEGANOGRAPHY

MALAYSIAN JOURNAL OF SCIENCE HEALTH & TECHNOLOGY

2018 JOURNAL OTHER DATABASE CO-AUTHOR

64. DENIAL OF SERVICE:(DOS) IMPACT ON SENSORS

2018 4TH INTERNATIONAL CONFERENCE ON INFORMATION MANAGEMENT (ICIM)

2018 PROCEEDING NON-INDEX CO-AUTHOR

65. CURRENT IMPLEMENTATION OF ADVANCE ENCRYPTION STANDARD (AES) S-BOX

JOURNAL OF FUNDAMENTAL AND APPLIED SCIENCES

2017 JOURNAL SCOPUS CO-AUTHOR

66. EXPERIMENTAL RESEARCH TESTBED FOR INTERNET OF THINGS: A SURVEY FROM SECURITY SERVICES PERSPECTIVES

JOURNAL OF FUNDAMENTAL AND APPLIED SCIENCES

2017 JOURNAL SCOPUS MAIN AUTHOR

67. FORMULATION OF FUZZY CORRELATED SYSTEM FOR NODE BEHAVIOR DETECTION IN WSN

JOURNAL OF TELECOMMUNICATION, ELECTRONIC AND COMPUTER ENGINEERING (JTEC)

2017 JOURNAL SCOPUS MAIN AUTHOR

68. SYSTEMATIC LITERATURE REVIEW: CORRELATED FUZZY LOGIC RULES FOR NODE BEHAVIOR DETECTION IN WIRELESS SENSOR NETWORK

JOURNAL OF TELECOMMUNICATION, ELECTRONIC AND COMPUTER ENGINEERING (JTEC)

2017 JOURNAL SCOPUS MAIN AUTHOR

69. MEASURING SENSOR TO CLOUD ENERGY CONSUMPTION

SECOND INTERNATIONAL CONFERENCE ON INTERNET OF THINGS AND CLOUD COMPUTING

2017 PROCEEDING NON-INDEX MAIN AUTHOR

70. EXTRACTING SOFTWARE FEATURES FROM ONLINE REVIEWS TO DEMONSTRATE REQUIREMENTS REUSE IN SOFTWARE ENGINEERING

INTERNATIONAL CONFERENCE ON COMPUTING & INFORMATICS

2017 PROCEEDING NON-INDEX CO-AUTHOR

PUBLICATION

71. SIX CRITICAL PROCESSES TO REFUTE SOCIAL-MEDIA-RUMORS

ADVANCED SCIENCE LETTERS

2016 JOURNAL WOS CO-AUTHOR

72. A HYBRID SOLUTION FOR ENCRYPTED COMMUNICATION USING AUDIO STEGANOGRAPHY.

ADVANCED SCIENCE LETTERS

2016 JOURNAL WOS CO-AUTHOR

73. CLASSIFICATION FOR QURAN AUTHENTICATION USING CHARACTERS AND DIACRITICS HASHED VALUES

ADVANCED SCIENCE LETTERS

2016 JOURNAL WOS CO-AUTHOR

74. EXPERIMENTAL RESEARCH TESTBED FOR INTERNET OF THINGS: A SURVEY FROM SECURITY SERVICES PERSPECTIVES

3RD INTERNATIONAL CONFERENCE ON DEFENCE AND SECURITY TECHNOLOGY (DSTC2016)

2016 PROCEEDING NON-INDEX MAIN AUTHOR

75. CLUSTERING ALGORITHM TO IMPROVE NETWORK CONNECTIVITY IN WSNS FOR CORRELATED NODES BEHAVIOUR: A SYSTEMATIC REVIEW

KOSIST 16

2016 PROCEEDING NON-INDEX CO-AUTHOR

76. SYSTEMATIC REVIEW FOR NETWORK SURVIVABILITY ANALYSIS IN MANETS

PROCEDIA-SOCIAL AND BEHAVIORAL SCIENCES

2015 JOURNAL SCOPUS MAIN AUTHOR

77. CONCEPTUAL STUDY TOWARDS INFORMATION SECURITY MODEL FOR E-LEARNING STAKEHOLDERS

ARPN JOURNAL OF ENGINEERING AND APPLIED SCIENCES

2015 JOURNAL SCOPUS CO-AUTHOR

78. 2-TIER SECURITY CONTROL MODEL FOR BRING YOUR OWN DEVICE IN USIM

KOLOKIUM SISWAZAH FST 15 (KOSIST 15)

2015 PROCEEDING NON-INDEX EDITOR

79. AN ENHANCED PACKET SANITIZATION FOR INFORMATION HIDING IN TCP/IP

KOLOKIUM SISWAZAH FST 15 (KOSIST''''15)

2015 PROCEEDING NON-INDEX EDITOR

80. A COMPARATIVE STUDY BETWEEN PMI CODE OF ETHICS AND ISLAMIC ETHICS

KOLOKIUM SISWAZAH FST 15 (KOSIST''''15)

2015 PROCEEDING NON-INDEX EDITOR

81. CORRELATED TOPOLOGY CONTROL ALGORITHM FOR SURVIVAL NETWORK IN MANETS

ADVANCED COMPUTER AND COMMUNICATION ENGINEERING TECHNOLOGY

2015 CHAPTER IN BOOK MAIN AUTHOR

PUBLICATION

82. NETWORK SURVIVABILITY ANALYSIS MODELING APPROACH FOR MANETS : A SYSTEMATIC REVIEW

THE 4TH WORLD CONGRESS ON INFORMATION AND COMMUNICATION TECHNOLOGIES (WICT ⓭14)

2014 PROCEEDING NON-INDEX MAIN AUTHOR

83. MULTIVARIATE SURVIVAL ANALYSIS FOR CORRELATED NODE BEHAVIOR IN MANETS

2014 INTERNATIONAL CONFERENCE ON INFORMATION SCIENCE AND APPLICATIONS (ICISA)

2014 PROCEEDING NON-INDEX MAIN AUTHOR

84. CORRELATED NODE BEHVAIOR MODELING IN MANETS

SEMINAR MATEMATIK DALAM INDUSTRI

2014 PROCEEDING NON-INDEX MAIN AUTHOR

85. SURVIVABILITY MODELING AND ANALYSIS OF MOBILE AD HOC NETWORK WITH CORRELATED NODE BEHAVIOR

PROCEDIA ENGINEERING

2013 JOURNAL SCOPUS MAIN AUTHOR

86. EPIDEMIC MODELING FOR CORRELATED NODE BEHAVIOR IN AD HOC NETWORKS

INTERNATIONAL JOURNAL OF CHAOTIC COMPUTING (IJCC)

2013 JOURNAL OTHER DATABASE MAIN AUTHOR

87. MERGING OF EPIDEMIC SIR MODEL AND SEMI MARKOV FOR CORRELATED NODE BEHAVIOR IN MANETS

INTERNATIONAL CONFERENCE ON APPLIED MATHEMATICS AND COMPUTATIONAL METHODS

2013 PROCEEDING NON-INDEX MAIN AUTHOR

88. CORRELATED NODE BEHAVIOR MODEL BASED ON SEMI MARKOV PROCESS FOR MANETS

INTERNATIONAL JOURNAL OF COMPUTER SCIENCE ISSUES (IJCSI)

2012 JOURNAL SCOPUS MAIN AUTHOR

89. MODELING STOCHASTIC CORRELATED NODE BEHAVIOR FOR SURVIVABILITY IN AD HOC NETWORKS

INTERNATIONAL JOURNAL OF CRYPTOLOGY RESEARCH

2012 JOURNAL OTHER DATABASE MAIN AUTHOR

90. CORRELATED NODE BEHAVIOR MODELING APPROACH FOR EVALUATING SURVIVABILITY IN AD HOC NETWORKS

PROCEEDINGS OF THE 3RD INTERNATIONAL CONFERENCE ON CRYPTOLOGY & COMPUTER SECURITY 2012 (CRYPTOLOGY2012)

2012 PROCEEDING NON-INDEX MAIN AUTHOR

91. CORRELATED NODE BEHAVIOR IN WIRELESS AD HOC NETWORKS: AN EPIDEMIC MODEL

IEEE THE 7TH INTERNATIONAL CONFERENCE FOR INTERNET TECHNOLOGY AND SECURED TRANSACTIONS (ICITST-2012)

2012 PROCEEDING NON-INDEX MAIN AUTHOR

92. A 3-D MARKOV CHAIN CORRELATED ALGORITHM FOR MANETS

IEEE INTERNATIONAL CONFERENCE ON COMPUTER AND INFORMATION SCIENCE, ICCIS2012

2012 PROCEEDING NON-INDEX MAIN AUTHOR

PUBLICATION

93. RESILIENCE AND SURVIVABILITY IN MANETS: DISCIPLINE, ISSUES AND CHALLANGES

3RD INTERNATIONAL CONFERENCE ON COMPUTING AND INFORMATICS, ICOCI 2011

2011 PROCEEDING NON-INDEX MAIN AUTHOR

94. FACTORS INFLUENCING KNOWLEDGE SHARING IN HIGHER LEARNING

INTERNATIONAL SYMPOSIUM ON IN FORMATION TECHNOLOGY 2010

2010 PROCEEDING NON-INDEX MAIN AUTHOR

95. PERFORMANCE ANALYSIS OF ROUTING PROTOCOL IN WSN

INTERNATIONAL JOURNAL OF ELECTRICAL AND ELECTRONIC

2009 JOURNAL WOS MAIN AUTHOR

96. ANALYSIS OF PACKET ABNORMALITIES IN WIRELESS SENSOR NETWORK

5TH INTERNATIONAL CONFERENCE ON INFORMATION AND COMMUNICATION TECHNOLOGY AND SYSTEMS (ICTS)

2009 PROCEEDING NON-INDEX MAIN AUTHOR

97. MEASURING SECURITY AWARENESS IN ORGANISATION : USIM CASE STUDY

INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING & COMPUTER SYSTEMS

2009 PROCEEDING NON-INDEX MAIN AUTHOR

98. SENSASIM - TOPNODE:AN IMPROVED WIRELESS SENSOR NETWORK SIMULATOR

5TH INTERNATIONAL CONFERENCE ON INFORMATION AND COMMUNICATION TECHNOLOGY AND SYSTEMS (ICTS),

2009 PROCEEDING NON-INDEX CO-AUTHOR

99. OVERVIEW OF STAKCERT FRAMEWORK IN CONFRONTING WORMS ATTACK

2ND IEEE INTERNATIONAL CONFERENCE ON COMPUTER SCIENCE AND INFORMATION TECHNOLOGY, 2009.(ICCSIT 2009)

2009 PROCEEDING NON-INDEX CO-AUTHOR

100. AN OVERVIEW OF STAKCERT FRAMEWORK IN CONFRONTING WORMS ATTACK

2ND IEEE INTERNATIONAL CONFERENCE ON COMPUTER SCIENCE AND INFORMATION TECHNOLOGY, 2009. ICCSIT 2009.

2009 PROCEEDING NON-INDEX CO-AUTHOR

101. INFORMATION AND COMMUNICATION TECHNOLOGY LAB MANUAL

2009 BOOK CO-AUTHOR

102. MAC PROTOCOL TO REDUCE PACKET COLLISION IN WIRELESS SENSOR NETWORK

INTERNATIONAL CONFERENCE ON COMPUTER AND COMMUNICATION ENGINEERING (ICCCE 2008),

2008 PROCEEDING NON-INDEX MAIN AUTHOR

103. AN EFFICIENT NETWORK SECURITY SYSTEM THROUGH ONTOLOGY APPROACH

5TH INTERNATIONAL CONFERENCE ON INNOVATION IN IT (INNOVATION 08)

2008 PROCEEDING NON-INDEX MAIN AUTHOR

104. BLUETOOTH MOBILE ADVERTISING SYSTEM USING PULL-BASED APPROACH

3RD INTERNATIONAL SYMPOSIUM ON INFORMATION TECHNOLOGY, IEEE,

2008 PROCEEDING NON-INDEX MAIN AUTHOR

PUBLICATION

105. THREATS IN WIRELESS SENSORS NETWORK: AN OVERVIEW

4TH MALAYSIAN SOFTWARE ENGINEERING CONFERENCE

2008 PROCEEDING NON-INDEX MAIN AUTHOR

106. USER AUTHENTICATION IN BLUETOOTH DEVICES

2ND INTERNATIONAL CONFERENCE ON INFORMATIC (INFORMATICS 07),

2007 PROCEEDING NON-INDEX MAIN AUTHOR

107. USER AUTHENTICATION IN MOBILE FINANCE APPLICATION (MFS) IN BLUETOOTH TECHNOLOGY USING SSL

PROCEEDINGS OF THE 1ST INTERNATIONAL CONFERENCE ON E-COMMERCE 2005

2005 PROCEEDING NON-INDEX MAIN AUTHOR

108. INTEGRATING WORDNET TO ENHANCE PLAGIARISM DETECTION SYSTEM

PROCEEDING OF THE 3RD INTERNATIONAL CONFERENCE ON INFORMATION TECHNOLOGY AND MULTIMEDIA 2005

2005 PROCEEDING NON-INDEX MAIN AUTHOR

109. PLAGIARISM DETECTING SYSTEM WITHIN DOCUMENT COLLECTION FOR TEACHING AND LEARNING

PROCEEDINGS OF THE 7TH INTERNATIONAL CONFERENCE ON WORK WITH COMPUTING SYSTEMS 2004 (WWCS2004)

2004 PROCEEDING NON-INDEX MAIN AUTHOR

110. MEASURING SECURITY AWARENESS IN ORGANIZATION: USIM CASE STUDY

INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING AND COMPUTER SYSTEM

1900 PROCEEDING NON-INDEX CO-AUTHOR

CONSULTATION

1. PANEL PAKAR PENILAI KRIPTOGRAFI SEDIA ADA (AKSA) - MYSEAL 2023

CYBERSECURITYI MALAYSIA

2023 NATIONAL

2. MEMBANGUNKAN KERJA-KERJA PENGATURCARAAN SISTEM BAGI PIHAK KIPLEYPAY SDN BHD

KIPLEPAY SDN BHD

2019 NATIONAL

3. PANEL PENILAI UITM BAGI PROGRAM DEEMED ACCREDITED PROGRAM BACHELOR OF INFORMATION TECHNOLOGY,BACHELOR OF INFORMATION TECHNOLOGY (HONS) INTELLIGENT SYSTEM ENGINEERING, BACHELOR OF COMPUTER SCIENCE UITM,

UITM

2018 UNIVERSITY

4. DEVELOPMENT OF THE CONCEPTUAL FRAMEWORK PRELIMINARY DESIGN OF MOBILE INTERNET OF THINGS (IOT) SECURITY TEST LAB.

CYBERSECURITY

2015 NATIONAL

CONSULTATION

5. DEVELOPMENT OF INTERGRATED SYSTEM FOR RPM FOR INDKOM

INDKOM SDN BHD.

2015 NATIONAL

6. PANEL PAKAR PENILAI AKSA MYSEAL 2.0

Cybersecurity Malaysia Sdn Bhd

National

AWARDS/RECOGNITION

1. ANUGERAH PENERIMA GERAN PENYELIDIKAN

2025 OTHERS

2. ANUGERAH PERUNDINGAN

2025 OTHERS

3. ANUGERAH PENYELIA POPULAR

2025 OTHERS

4. ANUGERAH PENYELIA TERBILANG

2025 OTHERS

5. FINALIS AKRI 2025- IMMERSIF BERSEMUKA

2025 NATIONAL

6. VISITING SCHOLAR

JINAN LUSH MOUNTAINS INTELLIGENT STRATEGY TECH SERVICES CO. LTD

2025 INTERNATIONAL

7. VISITING SCHOLAR

AL-MAARIF UNIVERSITY

2025 INTERNATIONAL

8. VISITING SCHOLAR

UNIVERSITAS ADZKIA

2025 INTERNATIONAL

9. ACADEMIC PROGRAM ADVISOR

SEGI COLLEGE

2025 NATIONAL

10. INDUSTRY PROGRAM ADVISOR

CYBERSECURITY MALAYSIA

2025 NATIONAL

AWARDS/RECOGNITION

11. EPISPY: INVISIBLE BOUNDARIES IN QUARANTINE SURVEILLANCE FOR ADAPTIVE EPIDEMIC CONTROL

INTERNATIONAL FUTURE INNOVATORS CHALLENGE 2025 (IFIC 2025)

2025 ANTARABANGSA PLATINUM

12. EPISPY: INVISIBLE BOUNDARIES IN QUARANTINE SURVEILLANCE FOR ADAPTIVE EPIDEMIC CONTROL

INTERNATIONAL FUTURE INNOVATORS CHALLENGE 2025 (IFIC 2025)

2025 ANTARABANGSA GOLD

13. EPISPY: A NEXT-GEN GEO-FENCING SURVEILLANCE FOR ADAPTIVE EPIDEMIC CONTROL

2nd INTERNATIONAL DEVELOPMENT, RESEARCH & INNOVATION EXHIBITION (iDRIVE'25)

2025 ANTARABANGSA GOLD

14. EPISPY: A NEXT-GEN GEO-FENCING SURVEILLANCE FOR ADAPTIVE EPIDEMIC CONTROL

INTERNATIONAL BORNEO INNOVATION EXHIBITION & COMPETITION 2025

2025 ANTARABANGSA GOLD

15. AL-ASLAH ARABIC EXAM QUESTION GENERATOR

Final Year Project & Postgraduate (FYPP): Research & Innovation Poster Competition 2025

2025 KEBANGSAAN SILVER

16. EPISPY: INVISIBLE BOUNDARIES IN QUARANTINE SURVEILLANCE FOR ADAPTIVE EPIDEMIC CONTROL

INTERNATIONAL FUTURE INNOVATORS CHALLENGE 2025 (IFIC 2025)

2025 ANTARABANGSA BEST PAPER AWARD

17. EPISPY: INNOVATIVE MULTI-LAYERED GEO-FENCING SURVEILLANCE FOR QUARANTINE SURVEILLANCE

Final Year Project & Postgraduate (FYPP): Research & Innovation Poster Competition 2025

2025 KEBANGSAAN SILVER

18. A HYBRID LLM-GAN AUDIO STEGANOGRAPHY METHOD FOR SECURE MENTAL HEALTH COMMUNICATION

Final Year Project & Postgraduate (FYPP): Research & Innovation Poster Competition 2025

2025 KEBANGSAAN GOLD

19. PSYSAFE: PRIVATE AND SECURE TELETHERAPY APP

JOHOR INTERNATIONAL INNOVATION, INVENTION COMPETITION AND SYMPOSIUM 2025 (JIIICaS 2025)

2025 ANTARABANGSA SILVER

20. A CLOUD-BASED HYBRID CERTIFICATE AUTHORITY MODEL INTEGRATING THRESHOLD CRYPTOGRAPHY AND TEMPORAL SHARED KEYS

INNOVATION BANK CHALLENGE 2025

2025 ANTARABANGSA SILVER

21. AL-ASILAH: ARABIC EXAM QUESTION GENERATOR

INNOVATION BANK CHALLENGE 2025

2025 ANTARABANGSA SILVER

AWARDS/RECOGNITION

22. PSYSAFE: A HIPAA-COMPLIANT TELETHERAPY PLATFORM WITH HYBRID LLM-GAN STEGANOGRAPHIC METHOD

INNOVATION BANK CHALLENGE 2025

2025 ANTARABANGSA SILVER

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

Final Year Project & Postgraduate (FYPP): Research & Innovation Poster Competition 2025

2025 KEBANGSAAN GOLD

24. ANUGERAH AHLI AKADEMIK CEMERLANG (SAINS DAN TEKNOLOGI)

2024 UNIVERSITY

25. ANUGERAH AKADEMIK CEMERLANG (FST)

2024 OTHERS

26. ANUGERAH Q1 JOURNAL

2024 UNIVERSITY

27. ANUGERAH GERAN PENYELIDIKAN

2024 UNIVERSITY

28. ANUGERAH JOURNAL BERINDEX

2024 UNIVERSITY

29. ANUGERAH PENFAILAN HARTA INTELEK

2024 UNIVERSITY

30. VISITING SCHOLAR

UNIVERSITY OF ANBAR

2024 INTERNATIONAL

31. VISITING SCHOLAR

AL-MAARIF UNIVERSITY COLLEGE

2024 INTERNATIONAL

32. MODERATOR RESEARCH SEMINAR

RESEARCH SEMINAR UNIVERSITI SAINS ISLAM MALAYSIA

2024 UNIVERSITI CERTIFICATE OF APPRECIATION

33. DISASTERPREP: GAMIFIED MOBILE EDUTAINMENT FOR FUTURE DISASTER PREPAREDNESS AND RESILIENCE

International Teaching Enhancement & Learning Innovation Carnival 2024

2024 ANTARABANGSA BRONZE

AWARDS/RECOGNITION

34. SWINDLERT: DEVELOPMENT OF AUGMENTED REALITY GAME-BASED INTERACTIVITY FOR ENHANCING CYBERCRIME AWARENESS

International Symposium on Computer Sciences and Mathematics(i-SCOMATICS) 2024

2024 ANTARABANGSA CERTIFICATE OF APPRECIATION

35. ANUGERAH PENERBITAN JOURNAL Q1

Majlis Anugerah Kecemerlangan & Penghargaan Fakulti Sains & Teknologi Tahun 2023

2024 UNIVERSITI CERTIFICATE OF APPRECIATION

36. ANUGERAH PEMFAILAN HARTA INTELEK

Majlis Anugerah Kecemerlangan & Penghargaan Fakulti Sains & Teknologi Tahun 2023

2024 UNIVERSITI CERTIFICATE OF APPRECIATION

37. ANUGERAH PENERBITAN JURNAL BERINDEKS WOS/SCOPUS/MYCITE

Majlis Anugerah Kecemerlangan & Penghargaan Fakulti Sains & Teknologi Tahun 2023

2024 UNIVERSITI CERTIFICATE OF APPRECIATION

38. ANUGERAH PENERIMA GERAN PENYELIDIKAN

Majlis Anugerah Kecemerlangan & Penghargaan Fakulti Sains & Teknologi Tahun 2023

2024 UNIVERSITI CERTIFICATE OF APPRECIATION

39. AL-ASILAH : ARABIC EXAM QUESTION GENERATOR

SCEINCE AND TECHNOLOGY RESEARCH EXPO (SCITEX)

2024 UNIVERSITI SILVER

40. 3D LIGHTWEIGHT CRYPTOSYSTEM DESIGN FOR IOT APPLICATIONS BASED ON COPOSITE S-BOX

Semarak International Research Article Competition 2024 (SIRAC 2024)

2024 ANTARABANGSA SILVER

41. DISASTERPREP SCENARIO SIMULATIONS: RAPID DECISION-MAKING FOR READINESS

4TH INNOVATION BANK CHALLENGE 2024 (IBC 2024)

2024 UNIVERSITI GOLD

42. SCIENCE MAPPING OF INFORMATION SECURITY BEHAVIOUR FOR ORGANISATIONAL RESILIENCE

4TH INNOVATION BANK CHALLENGE 2024 (IBC 2024)

2024 UNIVERSITI SILVER

43. SWINDLERT: DEVELOPMENT OF AUGMENTED REALITY GAME-BASED INTERACTIVITY FOR ENHANCING CYBERCRIME AWARENESS

International Symposium on Computer Sciences and Mathematics(i-SCOMATICS) 2024

2024 ANTARABANGSA BEST PAPER AWARD

44. EPISY: PREDICTIVE SURVEILLANCE FOR EPIDEMIC CONTROL

SCEINCE AND TECHNOLOGY RESEARCH EXPO (SCITEX)

2024 UNIVERSITI GOLD

AWARDS/RECOGNITION

45. BEST PRESENTER AWARD

2023 UNIVERSITY

46. BEST PRESENTER IN FINAL YEAR PROJECT

2023 UNIVERSITY

47. STAFF CONTOH BULANAN FST (APRIL 2023)

2023 OTHERS

48. ACADEMIC ADVISOR

UNIVERSITI MALAYSIA SARAWAK (UNIMAS

2023 UNIVERSITY

49. ACADEMIC ADVISOR

UNIVERSITI MALAYSIA SARAWAK

2023 UNIVERSITY

50. SAKTI: SECURE CHAT-BOX

SCIENCE AND TECHNOLOGY RESERACH EXPO (SCITEX@20TH FST)

2023 UNIVERSITI GOLD

51. SECURE CYBERCITIZENSHIP (SET)

VIRTUAL INNOVATION CEMPETITION 2023

2023 KEBANGSAAN SILVER

52. TIDAK DINYATAKAN

International Conference on Advances in Machine Intelligence and Cybersecurity Technologies (AMICT)

2023 ANTARABANGSA BEST PAPER AWARD

53. SECURE CYBERCITIZENSHIP (SET)

Malaysia Technology Expo (MTE) 2023

2023 ANTARABANGSA GOLD

54. SWINDLERT

Malaysia Technology Expo (MTE) 2023

2023 ANTARABANGSA BRONZE

55. SAKTI-CHATBOX

Malaysia Technology Expo (MTE) 2023

2023 ANTARABANGSA SILVER

56. SWINDLERT: MOBILE GAMIFICATION USING AUGMENTED REALITY FOR CYBERCRIME EDUTAINMENT

The International E-Content Development Competition 2023 (eCONDEV 2023)

2023 ANTARABANGSA GOLD

AWARDS/RECOGNITION

57. SWINDLERT: MOBILE GAMIFICATION USING AUGMENTED REALITY FOR CYBERCRIME EDUTAINMENT

International University Carnival On E-Learning (IUCEL 2023)

2023 ANTARABANGSA SILVER

58. CYBER HASANAT: RESILIENT COMMUNITY VIA SECURE CYBERCITIZENSHIP BOARD GAME

Pertandingan Inovasi Pengajaran dan Pembelajaran (kNovasi) 2023

2023 KEBANGSAAN BRONZE

59. A NEW DNA-INSPIRED SYMMETRIC ENCRYPTION ALGORITHM

INNOVATION BANK CHALLENGE 2023 (IBC2023)

2023 UNIVERSITI BRONZE

60. A METHOD OF COVER AUDIO SELECTION FOR EMBEDDING BASED ON VARIOUS CRITERIA

International Conference on Advances in Machine Intelligence and Cybersecurity Technologies (AMICT)

2023 ANTARABANGSA BEST PAPER AWARD

61. ANUGERAH PERKHIDMATAN CEMERLANG

2022 UNIVERSITY

62. ANUGERAH PERKHIDMATAN SETIA

2022 UNIVERSITY

63. CYBERPOLY: MOBILE GAMIFICATION FOR SECURITY AWARENESS CAMPAIGN

MALAYSIA TECHNOLOGY EXPO 2022

2022 ANTARABANGSA BRONZE

64. CYBERPOLY: CYBERSECURITY EDUGAME

Persidangan dan Ekspo Ciptaan Institusi Pengajian Tinggi Antarabangsa (PECIPTA22)

2022 ANTARABANGSA GOLD

65. DEVELOPMENT OF SECURE LIGHTWEIGHT BLOCK CIPHER BASED ON 3D ROTATION METHOD FOR DATA PROTECTION ON MOBILE APPLICATION

INNOVATION BANK CHALLENGE (IBC 2022)

2022 UNIVERSITI GOLD

66. COVER-SELECTION-BASED AUDIO STEGANOGRAPHY (CAS) BASED ON LEAST SIGNIFICANT BIT (LSB) FOR BALANCED PERFORMANCE

INNOVATION BANK CHALLENGE (IBC 2022)

2022 UNIVERSITI GOLD

67. SAKTI: SECURE APP FOR ENKRIPTING TEXT INFORMATION

INNOVATION BANK CHALLENGE (IBC 2022)

2022 UNIVERSITI GOLD

AWARDS/RECOGNITION

68. SAKTI: SECURE APP FOR ENKRYPTING TEXT INFORMATION

Defence, Security and Sustainability Exhibition 2022 (DSS) National Defence University of Malaysia

2022 KEBANGSAAN GOLD

69. SAKTI: SECURE APP FOR ENKRIPTING TEXT INFORMATION

Persidangan dan Ekspo Ciptaan Institusi Pengajian Tinggi Antarabangsa (PECIPTA22)

2022 ANTARABANGSA GOLD

70. CYBERPOLY: CYBERSECURITY EDUGAME

INNOVATION BANK CHALLENGE (IBC 2022)

2022 UNIVERSITI SILVER

71. SAKTI

33RD INTERNATIONAL INVENTION,INNOVATION & TECHNOLOGY EXHIBITION, MALAYSIA (ITEX'22)

2022 ANTARABANGSA SILVER

72. SILVER AWARDS- THE VIRTUAL INTERNATIONAL E-CONTENT DEVELOPMENT COMPETITION 2021 (ECONDEV21)

2021 INTERNATIONAL

73. CYBERLAW ALMANAC

THE VIRTUAL INTERNATIONAL E-CONTENT DEVELOPMENT COMPETITION 2021 (ECONDEV)

2021 ANTARABANGSA SILVER

74. ACADEMIC ADVISOR

SEGI COLLEGE SUBANG JAYA

2020 UNIVERSITY

75. MOBAS: MOBILE BARCODE SCANNER BASED ATTENDANCE SYSTEM FOR EDUCATION 4.0

INTERNATIONAL UNIVERSITY CARNIVAL ON E-LEARNING (IUCEL) 2019

2019 ANTARABANGSA BRONZE

76. DASHBOARD MONITORING SYSTEM (DMS) FOR POSTGRADUATE STUDY

INTERNATIONAL UNIVERSITY CARNIVAL ON E-LEARNING (IUCEL) 2019

2019 ANTARABANGSA BRONZE

77. BLUETOOTH SMART BASED ATTENDANCE SYSTEM FOR TEACHING AND LEARNING

INTERNATIONAL UNIVERSITY CARNIVAL ON E-LEARNING (IUCEL) 2019

2019 ANTARABANGSA BRONZE

78. USIM TOP 100 RESEARCHERS

2018 UNIVERSITY

79. TOP 100 RESEARCHERS USIM (2013-2017)

TOP 100 RESEARCHERS

2018 UNIVERSITI CERTIFICATE OF APPRECIATION

AWARDS/RECOGNITION

80. **BEST PAPER AWARD**

2017 UNIVERSITY

81. **IUCEL - GOLD MEDAL AWARD**

2017 UNIVERSITY

82. **SUPPORTING ELEARNING THROUGH CENTRALIZED INTEGRATED PORTAL POSTGRADUATE SYSTEM (IPPS)**

INTERNATIONAL UNIVERSITY CARNIVAL ON E-LEARNING (IUCEL 2017)

2017 UNIVERSITI GOLD

83. **SUPPORTING ELEARNING THROUGH CENTRALIZED INTEGRATED PORTAL POSTGRADUATE SYSTEM (IPPS)**

INTERNATIONAL UNIVERSITY CARNIVAL ON E-LEARNING (IUCEL 2017

2017 ANTARABANGSA GOLD

84. **ANUGERAH PERKHIDMATAN CEMERLANG**

2016 UNIVERSITY

85. **BEST PAPER AWARD**

2016 UNIVERSITY

86. **INOVA SILVER AWARD FOR UNDERGRADE ICT CATEGORY**

2016 UNIVERSITY

87. **Q-CHECKED**

EKSPO INOVASI ISLAM 1438H (i-INOVA16)

2016 UNIVERSITI SILVER