



PROF. MADYA DR. NURLIDA BINTI BASIR

PENSYARAH UNIVERSITI DS14

CONTACT

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Faculty: 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

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. DEVELOPMENT OF SMART LUGGAGE TROLLEY TRACKING SYSTEM (S-TRACKER) USING NB-IOT TECHNOLOGIES FOR SUSTAINABLE LOGISTIC MANAGEMENT AT KUALA LUMPUR INTERNATIONAL AIRPORT

2025

GERAN KPT

ON GOING

CO-RESEARCHER

2. DEVELOPMENT OF SMART LUGGAGE TROLLEY TRACKING SYSTEM (S-TRACKER) USING NB-IOT TECHNOLOGIES FOR SUSTAINABLE LOGISTIC MANAGEMENT AT KUALA LUMPUR INTERNATIONAL AIRPORT

2025

GERAN PENYELIDIKAN INDUSTRI

ON GOING

CO-RESEARCHER

3. ENHANCING COVERT CHANNEL ROBUSTNESS: A HYBRID HIDING APPROACH FOR RESILIENT MESSAGE BLOCKS

2024

GERAN KPT

ON GOING

CO-RESEARCHER

4. 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

CO-RESEARCHER

5. DEVELOPMENT OF SMART LUGGAGE TROLLEY TRACKING
SYSTEM (S-TRACKER) USING NB-IOT TECHNOLOGY

2024 GERAN PENYELIDIKAN INDUSTRI ON GOING CO-RESEARCHER

RESEARCH

6. HYBRID COVERT CHANNEL TECHNIQUE FOR SHORT SECURE MESSAGING

2023 GERAN PENYELIDIKAN USIM ON GOING CO-RESEARCHER

7. PEMBANGUNAN MODUL LATIHAN AHLI JAWATANKUASA MASJID YANG KOMPREHENSIF

2023 GERAN PENYELIDIKAN AGENSI KERAJAAN ON GOING CO-RESEARCHER

8. ORAL HEALTH APPLICATION FOR OLDER ADULTS WITH COGNITIVE IMPAIRMENT

2023 GERAN PENYELIDIKAN INDUSTRI COMPLETED CO-RESEARCHER

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

2022 GERAN PENYELIDIKAN USIM ON GOING CO-RESEARCHER

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

2022 GERAN PENYELIDIKAN USIM ON GOING MAIN RESEARCHER

11. A NEW APPROACH BASED ON ROUGH SET THEORY FOR ONTOLOGY EXTRACTION

2019 GERAN KPT COMPLETED CO-RESEARCHER

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

2017 GERAN KPT COMPLETED CO-RESEARCHER

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

2017 GERAN KPT COMPLETED CO-RESEARCHER

14. A NEW MOBILE BOTNET TAXONOMY MODEL INSPIRED BY GENETIC ALGORITHM

2016 GERAN JANGKA PENDEK FASA 1 COMPLETED CO-RESEARCHER

15. NEW COUNTERMEASURE APPROACH ON XML DIGITAL SIGNATURE AGAINST WRAPPING ATTACK

2016 GERAN JANGKA PENDEK FASA 1 COMPLETED CO-RESEARCHER

16. A METHOD FOR EXTRACTING NON-TAXONOMIC RELATION

2016 GERAN JANGKA PENDEK FASA 1 COMPLETED CO-RESEARCHER

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

2016 GERAN PENYELIDIKAN TRANSLASIONAL COMPLETED MAIN RESEARCHER

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

2016 GERAN KPT COMPLETED MAIN RESEARCHER

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

2014 GERAN KPT COMPLETED CO-RESEARCHER

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

2014 GERAN KPT COMPLETED CO-RESEARCHER

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

2014 GERAN KPT COMPLETED CO-RESEARCHER

RESEARCH

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

2014 GERAN KPT COMPLETED CO-RESEARCHER

23. PENGGALIAN PETUNJUK ILMU AQLI DALAM QURAN

2014 GERAN PENYELIDIKAN KOMPETITIF KLUSTER COMPLETED CO-RESEARCHER

24. PERISIAN INTERAKTIF AYAT-AYAT YANG MEMPUNYAI INTEGRASI ILMU NAQLI DAN AQLI DI DALAM AL-QURAN

2014 GERAN PENYELIDIKAN JANGKA PENDEK COMPLETED CO-RESEARCHER

25. EFFICIENT MOBILE MALWARE DETECTION MODEL (EMMDT)

2013 GERAN KPT COMPLETED MAIN RESEARCHER

26. GRAPHICAL USER AUTHENTICATION: A TOP-DOWN INVESTIGATION

2012 GERAN PENYELIDIKAN USIM COMPLETED CO-RESEARCHER

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

2012 GERAN PENYELIDIKAN USIM COMPLETED MAIN RESEARCHER

28. SEGEMENTATION OF MALARIA PARASITES ON STAINED BLOOD FILMS

2011 GERAN PENYELIDIKAN FUNDAMENTAL COMPLETED CO-RESEARCHER

29. SECURITY METRICS FOR WEB APPLICATION DEVELOPMENT QUALITY ASSURANCE

2011 GERAN PENYELIDIKAN FUNDAMENTAL COMPLETED MAIN RESEARCHER

PUBLICATION

1. SAVITZKY-GOLAY AND WIENER FILTERING PERFORMANCE ANALYSIS IN ELECTROENCEPHALOGRAPHY SIGNAL PROCESSING OF AUTISTIC CHILDREN

JURNAL TEKNOLOGI

2025 JOURNAL OTHER DATABASE CO-AUTHOR

2. PERFORMANCE COMPARISON OF VARIATIONAL MODE DECOMPOSITION AND BUTTERWORTH IN PROCESSING EEG SIGNALS OF AUTISM PATIENTS

INDONESIAN JOURNAL OF ELECTRONICS, ELECTROMEDICAL ENGINEERING, AND MEDICAL INFORMATICS

2025 JOURNAL OTHER DATABASE CO-AUTHOR

3. EVALUATING LARGE LANGUAGE MODEL VERSUS HUMAN PERFORMANCE IN ISLAMOPHOBIA DATASET ANNOTATION

INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS

2025 JOURNAL OTHER DATABASE CORRESPONDING AUTHOR

4. PRECISE ELECTROCARDIOGRAM SIGNAL ANALYSIS USING RESNET, DENSENET, AND XCEPTIONNET MODELS IN AUTISTIC CHILDREN

JOURNAL OF ELECTRONICS, ELECTROMEDICAL ENGINEERING, AND MEDICAL INFORMATICS

2025 JOURNAL SCOPUS CO-AUTHOR

5. AUTOMATED Z-SCORE BASED NUTRITIONAL STATUS CLASSIFICATION FOR CHILDREN UNDER TWO USING SMART SENSOR SYSTEM

INDONESIAN JOURNAL OF ELECTRONICS, ELECTROMEDICAL ENGINEERING, AND MEDICAL INFORMATICS

2025 JOURNAL OTHER DATABASE CO-AUTHOR

6. AUTISM FACE DETECTION SYSTEM USING SINGLE SHOT DETECTOR AND RESNET50

JURNAL INFOTEL

2025 JOURNAL OTHER DATABASE CO-AUTHOR

7. SMART DOOR LOCKING SYSTEM FOR CHILDREN USING HC-SR04 AND IOT TECHNOLOGY

JURNAL NASIONAL TEKNIK ELEKTRO

2025 JOURNAL OTHER DATABASE CO-AUTHOR

8. ISLAMOPHOBIA IN MALAYSIA: A KEYWORD-BASED ANALYSIS FROM MUSLIM PERSPECTIVES

ASIAN JOURNAL OF RESEARCH IN EDUCATION AND SOCIAL SCIENCES

2025 JOURNAL OTHER DATABASE CO-AUTHOR

9. EXPERIENCING ISLAMOPHOBIA IN A MUSLIM-MAJORITY SOCIETY: A THEMATIC AND VISUAL ANALYSIS OF MALAYSIAN MUSLIM NARRATIVES

ASIAN JOURNAL OF RESEARCH IN EDUCATION AND SOCIAL SCIENCES

2025 JOURNAL OTHER DATABASE CO-AUTHOR

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

JOURNAL OF ADVANCED RESEARCH IN APPLIED SCIENCES AND ENGINEERING TECHNOLOGY

2024 JOURNAL SCOPUS MAIN AUTHOR

11. ROUGH SET MODEL FOR COMPONENT EXTRACTION

AIP CONFERENCE PROCEEDINGS

2024 JOURNAL SCOPUS CORRESPONDING AUTHOR

12. PORTABLE STRESS DETECTION SYSTEM FOR AUTISTIC CHILDREN USING FUZZY LOGIC

JURNAL NASIONAL TEKNIK ELEKTRO

2024 JOURNAL OTHER DATABASE CO-AUTHOR

13. IMAGE SEGMENTATION PERFORMANCE USING DEEPLABV3+ WITH RESNET-50 ON AUTISM FACIAL CLASSIFICATION

JURNAL INFOTEL

2024 JOURNAL OTHER DATABASE CO-AUTHOR

PUBLICATION

14. PERFORMANCE OF SHUFFLENET AND VGG-19 ARCHITECTURAL CLASSIFICATION MODELS FOR FACE RECOGNITION IN AUTISTIC CHILDREN

INTERNATIONAL JOURNAL ON ADVANCED SCIENCE, ENGINEERING AND INFORMATION TECHNOLOGY

2023 JOURNAL SCOPUS CO-AUTHOR

15. THE EFFECT OF POWER SPECTRAL DENSITY ON THE ELECTROENCEPHALOGRAPHY OF AUTISTIC CHILDREN BASED ON THE WELCH PERIODOGRAM METHOD

JURNAL INFOTEL

2023 JOURNAL OTHER DATABASE CO-AUTHOR

16. IOT-BASED HEART SIGNAL PROCESSING SYSTEM FOR DRIVER DROWSINESS DETECTION

GREEN INTELLIGENT SYSTEMS AND APPLICATIONS

2023 JOURNAL OTHER DATABASE CO-AUTHOR

17. PHISHING DETECTION AND PREVENTION USING CHROME EXTENSION

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

2022 PROCEEDING SCOPUS CO-AUTHOR

18. ALTERNATIVE ASSESSMENT IN HIGHER EDUCATION: A PRACTICAL GUIDE TO ASSESSING LEARNING

2021 BOOK CO-AUTHOR

19. SCADA SYSTEMS RESILIENCE

CRITICAL INFRASTRUCTURE PROTECTION: FROM CYBERSECURITY TO CYBER RESILIENCE

2021 CHAPTER IN BOOK CO-AUTHOR

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

PROCEEDINGS OF FIFTH INTERNATIONAL CONGRESS ON INFORMATION AND COMMUNICATION TECHNOLOGY

2020 CHAPTER IN BOOK CORRESPONDING AUTHOR

21. MISSING CONCEPT EXTRACTION USING ROUGH SET THEORY

PROCEEDINGS OF FIFTH INTERNATIONAL CONGRESS ON INFORMATION AND COMMUNICATION TECHNOLOGY

2020 CHAPTER IN BOOK CO-AUTHOR

22. A PRELIMINARY SURVEY ON ARTIFICIAL IMMUNE SYSTEMS (AIS): A REVIEW ON THEIR TECHNIQUES, STRENGTHS AND DRAWBACKS

INTERNATIONAL JOURNAL OF ACADEMIC RESEARCH IN BUSINESS AND SOCIAL SCIENCES

2019 JOURNAL ERA CO-AUTHOR

23. UNINTENTIONAL INSIDER THREATS COUNTERMEASURES MODEL (UITCM)

INTERNATIONAL CONFERENCE ON CYBERSECURITY (ICOCSEC)

2019 PROCEEDING NON-INDEX CO-AUTHOR

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

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

2019 CHAPTER IN BOOK CO-AUTHOR

25. RETRIEVAL PERFORMANCE FOR USIM'S QURANIC SEARCH ENGINE

INTERNATIONAL JOURNAL OF ENGINEERING & TECHNOLOGY

2018 JOURNAL SCOPUS MAIN AUTHOR

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

INTERNATIONAL JOURNAL OF ENGINEERING AND TECHNOLOGY

2018 JOURNAL SCOPUS CO-AUTHOR

PUBLICATION

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

INTERNATIONAL JOURNAL ON ADVANCED SCIENCE, ENGINEERING AND INFORMATION TECHNOLOGY

2018 JOURNAL SCOPUS MAIN AUTHOR

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

INTERNATIONAL JOURNAL ON ADVANCED SCIENCE, ENGINEERING AND INFORMATION TECHNOLOGY

2018 JOURNAL SCOPUS MAIN AUTHOR

29. JOURNAL OF FUNDAMENTAL AND APPLIED SCIENCES

A REVIEW ON TEACHER TRAINING'S DRAWBACKS, BARRIERS AND CHALLENGES: CONVENTIONAL TO DIGITAL TECHNOLOGY TRANSITION

2018 JOURNAL OTHER DATABASE CO-AUTHOR

30. JOURNAL OF FUNDAMENTAL AND APPLIED SCIENCES

KNOWLEDGE-BASED EXPERT SYSTEM FOR PREDICTIVE CLASSIFICATION OF MAIN SPECIFIC LEARNING DISABILITIES

2018 JOURNAL OTHER DATABASE CO-AUTHOR

31. C PROGRAMMING FOR BEGINNERS

2018 BOOK MAIN AUTHOR

32. A SIMILARITY PRECISION FOR SELECTING ONTOLOGY COMPONENT IN AN INCOMPLETE SENTENCE

SCDM 2018: RECENT ADVANCES ON SOFT COMPUTING AND DATA MINING

2018 CHAPTER IN BOOK CO-AUTHOR

33. ANTI-PHISHING IMMUNE SYSTEM

ADVANCED SCIENCE LETTERS

2017 JOURNAL SCOPUS CO-AUTHOR

34. INTELLIGENT QURANIC ONTOLOGY RETRIEVAL

ADVANCED SCIENCE LETTERS

2017 JOURNAL SCOPUS MAIN AUTHOR

35. QUALITY ASPECTS AND SATISFACTION FOR EVALUATING QINU OF WEBSITES

ADVANCED SCIENCE LETTERS

2017 JOURNAL SCOPUS CO-AUTHOR

36. QUALITY ASPECTS AND SATISFACTION FOR EVALUATING QINU OF WEBSITES

ADVANCED SCIENCE LETTERS

2017 JOURNAL SCOPUS CO-AUTHOR

37. RISKS RP: PRIORITIZING SECURITY REQUIREMENTS BASED ON TOTAL RISK AVOIDANCE

ADVANCED SCIENCE LETTERS

2017 JOURNAL SCOPUS CO-AUTHOR

38. FACTORS AFFECTING THE ADOPTION OF CLOUD COMPUTING IN SMALL MEDIUM ENTERPRISES (SMES) IN MALAYSIA

ADVANCED SCIENCE LETTERS

2017 JOURNAL SCOPUS CO-AUTHOR

39. SELECTED PEER-REVIEWED ARTICLES FROM 2016 WORLD INTERNATIONAL CONFERENCE ON SCIENCES (WICS 2016)

ADVANCED SCIENCE LETTER (ASL)

2017 JOURNAL SCOPUS EDITOR

PUBLICATION

40. QUANTITATIVE METRIC FOR RANKING WEB ACCESSIBILITY BARRIERS BASED ON THEIR SEVERITY

JOURNAL OF INFORMATION AND COMMUNICATION TECHNOLOGY

2017

JOURNAL

SCOPUS

CO-AUTHOR

41. SECURITY AWARENESS TRAINING: A REVIEW

THE 2017 INTERNATIONAL CONFERENCE OF INFORMATION SECURITY AND INTERNET ENGINEERING

2017

PROCEEDING

NON-INDEX

CO-AUTHOR

42. A NEW MOBILE MALWARE CLASSIFICATION FOR CALL LOG EXPLOITATION

THE 2017 INTERNATIONAL CONFERENCE OF INFORMATION SECURITY AND INTERNET ENGINEERING

2017

PROCEEDING

NON-INDEX

CO-AUTHOR

43. IMPROVING KNOWLEDGE EXTRACTION FROM TEXTS BY GENERATING POSSIBLE RELATIONS

INTERNATIONAL CONFERENCE ON COMMUNICATIONS SYSTEMS AND TECHNOLOGIES 2017

2017

PROCEEDING

NON-INDEX

CO-AUTHOR

44. EVALUATION OF PHISHING EMAIL CLASSIFICATION FEATURES: RELIABILITY RATIO MEASURE

THE 2017 INTERNATIONAL CONFERENCE OF COMPUTER SCIENCE AND ENGINEERING

2017

PROCEEDING

NON-INDEX

CO-AUTHOR

45. ANDROID MOBILE MALWARE CLASSIFICATION USING TOKENIZATION APPROACH BASED ON SYSTEM CALL SEQUENCE

INTERNATIONAL CONFERENCE ON COMMUNICATIONS SYSTEMS AND TECHNOLOGIES 2017

2017

PROCEEDING

NON-INDEX

CO-AUTHOR

46. A NEW MOBILE MALWARE CLASSIFICATION FOR CAMERA EXPLOITATION BASED ON SYSTEM CALL AND PERMISSION

INTERNATIONAL CONFERENCE ON COMMUNICATIONS SYSTEMS AND TECHNOLOGIES 2017

2017

PROCEEDING

NON-INDEX

CO-AUTHOR

47. HYBRID MODEL OF PHISHING EMAIL DETECTION: A COMBINATION OF TECHNICAL AND NON-TECHNICAL ANTI-PHISHING APPROACHES

INTERNATIONAL CONFERENCE ON COMPUTER SCIENCE AND APPLICATIONS 2017

2017

PROCEEDING

NON-INDEX

CO-AUTHOR

48. AN INVESTIGATION ON JAWI CAPTCHA BASED SECURITY FOR LOGIN AUTHENTICATION AND AUTHORIZATION: IS IT AN ALTERNATIVE SOLUTION?

INTERNATIONAL CONFERENCE ON INTERNET AND MULTIMEDIA TECHNOLOGIES 2017

2017

PROCEEDING

NON-INDEX

CO-AUTHOR

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

ADVANCED COMPUTER AND COMMUNICATION ENGINEERING TECHNOLOGY

2016

JOURNAL

SCOPUS

CO-AUTHOR

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

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

2016

JOURNAL

SCOPUS

CO-AUTHOR

51. 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

JOURNAL

SCOPUS

CO-AUTHOR

52. IMPACT OF SYSTEM QUALITY ON USERS' SATISFACTION IN CONTINUATION OF THE USE OF E-LEARNING SYSTEM

INTERNATIONAL JOURNAL OF E-EDUCATION, E-BUSINESS, E-MANAGEMENT AND E-LEARNING

2016

JOURNAL

OTHER DATABASE

CO-AUTHOR

PUBLICATION

53. COMPARATIVE STUDY OF QUALITY MODELS

INTERNATIONAL JOURNAL OF COMPUTER SCIENCE AND ELECTRONICS ENGINEERING (IJCSSEE)

2016 JOURNAL OTHER DATABASE CO-AUTHOR

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

UKSIM-AMSS 17TH INTERNATIONAL CONFERENCE ON COMPUTER MODELLING AND SIMULATION

2015 PROCEEDING NON-INDEX MAIN AUTHOR

55. A STRATEGIC FRAMEWORK FOR EVALUATING QINU BASED ON ISO/IEC 25010 AND 25012 STANDARDS

MYSEC2015

2015 PROCEEDING NON-INDEX CO-AUTHOR

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

UKSIM-AMSS 17TH INTERNATIONAL CONFERENCE ON COMPUTER MODELLING AND SIMULATION

2015 PROCEEDING NON-INDEX CO-AUTHOR

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

KOSIST''15 (POSTGRADUATE COLLOQUIUM FACULTY OF SCIENCE & TECHNOLOGY (FST) 2015)

2015 PROCEEDING NON-INDEX CO-AUTHOR

58. A REVIEW ON RECENT ADVANCES ON QUALITY-IN-USE WEB EVALUATION MODELS

KOSIST''15 (POSTGRADUATE COLLOQUIUM FACULTY OF SCIENCE & TECHNOLOGY (FST) 2015)

2015 PROCEEDING NON-INDEX CO-AUTHOR

59. AN EFFICIENT EASY COMPUTER EMERGENCY RESPONSE TEAM MALWARE RESERVOIR SYSTEM

UKSIM-AMSS 17TH INTERNATIONAL CONFERENCE ON COMPUTER MODELLING AND SIMULATION

2015 PROCEEDING NON-INDEX CO-AUTHOR

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

UKSIM-AMSS 17TH INTERNATIONAL CONFERENCE ON COMPUTER MODELLING AND SIMULATION

2015 PROCEEDING NON-INDEX CO-AUTHOR

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

ICOCOE 2015: 2ND INTERNATIONAL CONFERENCE ON COMMUNICATION AND COMPUTER ENGINEERING

2015 PROCEEDING NON-INDEX CO-AUTHOR

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

ICOCOE 2015: 2ND INTERNATIONAL CONFERENCE ON COMMUNICATION AND COMPUTER ENGINEERING

2015 PROCEEDING NON-INDEX CO-AUTHOR

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

ICOCOE 2015: 2ND INTERNATIONAL CONFERENCE ON COMMUNICATION AND COMPUTER ENGINEERING

2015 PROCEEDING NON-INDEX CO-AUTHOR

64. TACIT REQUIREMENTS ELICITATION FRAMEWORK

ARPN JOURNAL OF ENGINEERING AND APPLIED SCIENCES

2014 JOURNAL SCOPUS CO-AUTHOR

65. SYNONYMOUS NON-TAXONOMIC RELATIONS EXTRACTION

ARPN JOURNAL OF ENGINEERING AND APPLIED SCIENCES

2014 JOURNAL SCOPUS CO-AUTHOR

PUBLICATION

66. AN ANTI-PHISHING TOOL TO VERIFY URLS IN EMAIL'S CONTENT

ARPN JOURNAL OF ENGINEERING AND APPLIED SCIENCES

2014 JOURNAL SCOPUS CO-AUTHOR

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

ARPN JOURNAL OF ENGINEERING AND APPLIED SCIENCES

2014 JOURNAL SCOPUS CO-AUTHOR

68. TACIT REQUIREMENTS ELICITATION FRAMEWORK

POSTGRADUATE COLLOQUIUM 2014, FST

2014 PROCEEDING NON-INDEX CO-AUTHOR

69. CLOUD COMPUTING SECURITY MODEL FOR SME IN MALAYSIA

POSTGRADUATE COLLOQUIUM 2014, FST

2014 PROCEEDING NON-INDEX CO-AUTHOR

70. A SECURE V-MODEL FOR SECURITY REQUIREMENTS ELICITATION

POSTGRADUATE COLLOQUIUM 2014, FST

2014 PROCEEDING NON-INDEX CO-AUTHOR

71. RELIABLE-FEATURE SELECTION APPROACH TO FIGHT PHISHING ATTACKS

POSTGRADUATE COLLOQUIUM 2014, FST

2014 PROCEEDING NON-INDEX CO-AUTHOR

72. SYSTEMATIC ANALYSIS ON MOBILE BOTNET DETECTION TECHNIQUE USING APOPTOSIS

POSTGRADUATE COLLOQUIUM 2014, FST

2014 PROCEEDING NON-INDEX CO-AUTHOR

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

ICISA 2014 : 5TH INTERNATIONAL CONFERENCE ON INFORMATION SCIENCE AND APPLICATIONS

2014 PROCEEDING NON-INDEX CO-AUTHOR

74. EXTENDING V-MODEL PRACTICES TO SUPPORT SRE TO BUILD SECURE WEB APPLICATION

INTERNATIONAL CONFERENCE ON ADVANCED COMPUTER SCIENCE AND INFORMATION SYSTEM (ICACSIS'14)

2014 PROCEEDING NON-INDEX CO-AUTHOR

75. THE DEVELOPMENT OF TEACHING AND LEARNING IN BRIGHT-FIELD MICROSCOPY.

MALAYSIAN ONLINE JOURNAL OF EDUCATIONAL TECHNOLOGY (MOJET)

2013 JOURNAL OTHER DATABASE CO-AUTHOR

76. A SIMULATED ANNEALING FOR TAMHIDI COURSE TIMETABLING

THE 4TH INTERNATIONAL CONFERENCE ON ELECTRICAL ENGINEERING AND INFORMATICS (ICEEI'13)

2013 PROCEEDING NON-INDEX MAIN AUTHOR

77. APPRECIATIVE INQUIRY IN ELICITING SOFTWARE REQUIREMENTS

THE INTERNATIONAL SCIENTIFIC ACADEMY OF ENGINEERING AND TECHNOLOGY CONFERENCE (ISAET'13)

2013 PROCEEDING NON-INDEX CO-AUTHOR

78. STUDY OF THE ACCESSIBILITY DIAGNOSIS ON THE PUBLIC HIGHER INSTITUTIONS WEBSITES IN MALAYSIA

INTERNATIONAL CONFERENCE ON COMPUTING AND INFORMATICS (ICOCI'13)

2013 PROCEEDING NON-INDEX CO-AUTHOR

PUBLICATION

79. THE DEVELOPMENT OF SEMANTIC FEEDBACK FOR TEACHING AND LEARNING IN PHYSICAL EDUCATION

THE 13TH INTERNATIONAL CONFERENCE ON ADVANCED LEARNING TECHNOLOGIES (ICALT'13)

2013 PROCEEDING NON-INDEX CO-AUTHOR

80. A METHOD OF CLASSIFYING VOCABULARY AND TERMINOLOGY IN ARABIC FOR SPECIFIC PURPOSES(ASP) : A TOOL TO GENERATE ARABIS WORDS

SEMINAR CREATIVITY AND INNOVATION (I-INNOVA)

2013 PROCEEDING NON-INDEX CO-AUTHOR

81. INTERACTIVE MULTIMEDIA FOR LABORATORY SESSION OF BRIGHT-FIELD MICROSCOPY TECHNIQUE

2ND INTERNATIONAL CONFERENCE ADVANCES IN COMPUTER AND INFORMATION TECHNOLOGY (ACIT'13)

2013 PROCEEDING NON-INDEX CO-AUTHOR

82. THE DEVELOPMENT OF STUDENT E-PORTFOLIO

2013 BOOK EDITOR

83. SECURITY MEASUREMENT BASED ON GQM TO IMPROVE APPLICATION SECURITY DURING REQUIREMENTS STAGE

INTERNATIONAL JOURNAL OF CYBER-SECURITY AND DIGITAL FORENSICS (IJCSDF) 1(3): 228-237 THE SOCIETY OF DIGITAL INFORMATION AND WIRELESS COMMUNICATIONS (SDIWC) NOV. 2012 (ISSN: 2305-0012)

2012 JOURNAL WOS CO-AUTHOR

84. FRAMEWORK FOR SECURE WEB APPLICATION DESIGN AND DEVELOPMENT

3RD EXPOSITION ON ISLAMIC INNOVATION 2012

2012 PROCEEDING NON-INDEX CO-AUTHOR

85. INTERACTIVE MULTIMEDIA IN BRIGHT-FIELD MICROSCOPY TECHNIQUE

INTERNATIONAL CONFERENCE ON SOCIALITY AND HUMANITIES - ICOSH 2012

2012 PROCEEDING NON-INDEX CO-AUTHOR

86. BUILDING HETEROGENEOUS SAFETY CASES FOR AUTOMATICALLY GENERATED CODE

INFOTECH@AEROSPACE (INFOTECH'11)

2011 PROCEEDING NON-INDEX MAIN AUTHOR

87. E-KOLEJ REGISTRATION SYSTEM FOR UNIVERSITI SAINS ISLAM MALAYSIA (USIM)

2011 BOOK EDITOR

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

INTERNATIONAL CONFERENCE ON COMPUTER SAFETY, RELIABILITY AND SECURITY (SAFE- COMP'10)

2010 PROCEEDING NON-INDEX MAIN AUTHOR

89. DERIVING SAFETY CASES FROM MACHINE-GENERATED PROOFS

THE WORKSHOP ON PROOF-CARRYING CODE AND SOFTWARE CERTIFICATION (PCC'09)

2009 PROCEEDING NON-INDEX MAIN AUTHOR

90. DERIVING SAFETY CASES FROM AUTOMATICALLY CONSTRUCTED PROOFS.

THE 4TH IET INTERNATIONAL CONFERENCE ON SYSTEM SAFETY

2009 PROCEEDING NON-INDEX MAIN AUTHOR

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

THE INTERNATIONAL WORKSHOP ON THE CERTIFICATION OF SAFETY-CRITICAL SOFTWARE CONTROLLED SYSTEMS (SAFECERT'08)

2008 PROCEEDING NON-INDEX MAIN AUTHOR

PUBLICATION

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

THE 27TH INTERNATIONAL CONFERENCE ON COMPUTER SAFETY, RELIABILITY AND SECURITY (SAFECOMP'08)

2008

PROCEEDING

NON-INDEX

MAIN AUTHOR

CONSULTATION

1. PERKHIDMATAN PERUNDINGAN KURSUS AGILE SCRUM

BAHAGIAN TEKNOLOGI MAKLUMAT, KEMENTERIAN KEWANGAN MALAYSIA

2017

NATIONAL

2. DASAR PEMBANGUNAN SISTEM APLIKASI PTM

PUSAT TEKNOLOGI MAKLUMAT, PTM USIM

2013

UNIVERSITY

AWARDS/RECOGNITION

1. ANUGERAH PENERBITAN JURNAL BERINDEKS WOS/SCOPUS/MYCITE

2025 OTHERS

2. BEST PAPER AWARD

2025 INTERNATIONAL

3. ACADEMIC PROGRAM ADVISOR

KOLEJ POLY-TECH MARA BATU PAHAT

2025 NATIONAL

4. TRAINER / FACILITATOR

KOLEJ POLY-TECH MARA BATU PAHAT

2025 NATIONAL

5. TRAINER / FACILITATOR

AKADEMI KECEMERLANGAN MARA (AKM)

2025 NATIONAL

6. ACADEMIC ADVISOR

KEMENTERIAN PENDIDIKAN TINGGI (KPT)

2025 NATIONAL

7. ISLAMOPHOBIA IN MALAYSIA: A KEYWORD-BASED ANALYSIS FROM MUSLIM PERSPECTIVES

5th ASNet Virtual Conference on Social Sciences, Education & Technology 2025 (AVSET2025)

2025 ANTARABANGSA BEST PAPER AWARD

8. ACADEMIC ADVISOR

JABATAN KEHAKIMAN SYARIAH MALAYSIA

2024 NATIONAL

9. MAJLIS ANUGERAH KECEMERLANGAN & PENGHARGAAN FAKULTI SAINS & TEKNOLOGI TAHUN 2023

Majlis Anugerah Kecemerlangan & Penghargaan Fakulti Sains & Teknologi Tahun 2023

2024 UNIVERSITI

10. COMPREHENSIVE CORPUS DEVELOPMENT TO COMBAT ISLAMOPHOBIC SENTIMENT IN MALAYSIA FOR SUSTAINABLE MADANI

4TH INNOVATION BANK CHALLENGE 2024 (IBC 2024)

2024 UNIVERSITI SILVER

11. DARJAH PEKERTI TERPILIH (D.P.T)

2023 STATE

12. ACADEMIC ADVISOR

NILAI UNIVERSITY

2023 NATIONAL

13. ACADEMIC ADVISOR

KOLEJ POLY-TECH MARA

2023 NATIONAL

14. PHISHING DETECTION AND PREVENTION MODEL

INNOVATION BANK CHALLENGE 2023 (IBC2023)

2023 UNIVERSITI BRONZE

AWARDS/RECOGNITION

15. DIGITAL ORAL-HEALTH APPLICATION (DOA) BASED ON INTERNET-OF-THINGS (IOT) FOR COGNITIVE IMPAIRMENT PATIENTS

INNOVATION BANK CHALLENGE (IBC 2022)

2022 UNIVERSITI SILVER

16. TOP 100 RESEARCHERS USIM (2013-2017)

TOP 100 RESEARCHERS

2018 UNIVERSITI CERTIFICATE OF APPRECIATION

17. IM READY

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

2016 ANTARABANGSA SILVER

18. SMART Q : QURANIC VERSES ON THE INTEGRATION OF NAQLI AND AQLI KNOWLEDGE

International Conference On Tadabbur Al-Quran: Innovation and Development (Muttasiq II)

2016 ANTARABANGSA GOLD

19. IMREADY

International Invention, Innovation & Technology Exhibition

2016 ANTARABANGSA SILVER

20. Q-CHECKED

EKSPO INOVASI ISLAM 1438H (i-INOVA16)

2016 UNIVERSITI SILVER

21. EZCERT 2.0

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

2015 ANTARABANGSA BRONZE

22. EZCERT

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

2014 ANTARABANGSA GOLD

23. SAINS MODEN & AL-QURAN: PEMBANGUNAN MULTIMEDIA INTERAKTIF BAGI INTEGRASI ILMU NAQLI & AQLI

EKSPO INOVASI ISLAM I-INOVA 2014

2014 KEBANGSAAN BRONZE

24. EZSIBER

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

2013 ANTARABANGSA GOLD

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

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

2013 ANTARABANGSA BRONZE

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

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

2013 KEBANGSAAN GOLD

27. FRAMEWORK FOR SECURE WEB APPLICATION DESIGN AND DEVELOPMENT

EKSPO INOVASI ISLAM I-INOVA 2012

2012 KEBANGSAAN BRONZE