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SAKINAH BINTI ALI
PITCHAY**

PENSYARAH UNIVERSITI DS14

CONTACT

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Faculty: Fakulti Sains
Dan Teknologi

SUPERVISION

PhD - Completed: 2, Ongoing: 3

Master - Completed: 4,
Ongoing: 4

AREAS OF EXPERTISE

Information System Security

Artificial Intelligence And Optimisation Methods

Software Requirements Engineering

ACADEMIC QUALIFICATION

PhD in Sains Komputer (2013)

Master in Kejuruteraan Perisian (2007)

Bachelor in Kejuruteraan Perisian (2005)

RESEARCH

1. AN AI-DRIVEN INTEGRATED FRAMEWORK FOR TAX COMPLIANCE, CUSTOMS INTELLIGENCE, ESG GOVERNANCE, ACCOUNTING TRANSPARENCY, AND INDUSTRIAL WASTE OPTIMIZATION

2026 GERAN ANTARABANGSA ON GOING CO-RESEARCHER

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

2025 GERAN PENYELIDIKAN USIM RACER ON GOING CO-RESEARCHER

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

2025 GERAN PENYELIDIKAN AGENSI KERAJAAN COMPLETED MAIN RESEARCHER

4. KAJIAN PENILAIAN PRESTASI SISTEM MYGRANTS DAN CADANGAN PENAMBAHBAIKAN SISTEM

2024 GERAN KPT ON GOING CO-RESEARCHER

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

2024 GERAN KPT ON GOING CO-RESEARCHER

RESEARCH

6. 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

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

2024 GERAN PENYELIDIKAN USIM ON GOING CO-RESEARCHER

8. CYBERSECURITY AND SYSTEMS (CSS)

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

9. CYBER HASANAT: SECURE CYBERCITIZENSHIP AWARENESS

2024 GERAN PENYELIDIKAN AGENSI KERAJAAN COMPLETED MAIN RESEARCHER

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

2023 GERAN PENYELIDIKAN AGENSI KERAJAAN COMPLETED CO-RESEARCHER

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

2023 GERAN KPT ON GOING MAIN RESEARCHER

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

2023 GERAN PENYELIDIKAN PENTADBIR ON GOING MAIN RESEARCHER

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

2022 BIDUNI MIZANNIYAH COMPLETED MAIN RESEARCHER

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

2020 GERAN KPT COMPLETED CO-RESEARCHER

15. KIPLE FRAUD MANAGEMENT SYSTEM

2019 PROJEK REVOLUSI INDUSTRI 4.0 COMPLETED CO-RESEARCHER

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

2017 GERAN KPT COMPLETED CO-RESEARCHER

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

2017 GERAN KPT COMPLETED MAIN RESEARCHER

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

2016 GERAN KPT COMPLETED CO-RESEARCHER

19. A NEW INTEGRATED POSTGRADUATE STUDENT SYSTEMS DEVELOPMENT

2015 GERAN PENYELIDIKAN KHAS COMPLETED CO-RESEARCHER

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

2014 GERAN KPT COMPLETED CO-RESEARCHER

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

2014 GERAN KPT COMPLETED CO-RESEARCHER

RESEARCH

22. PENGALIAN PETUNJUK ILMU AQLI DALAM QURAN

2014

GERAN PENYELIDIKAN KOMPETITIF KLUSTER

COMPLETED

CO-RESEARCHER

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

2014

GERAN KPT

COMPLETED

MAIN RESEARCHER

24. INVESTIGATION ON RECONSTRUCTION OF BINARY IMAGE USING GENETIC ALGORITHM

2014

GERAN PENYELIDIKAN INSENTIF

COMPLETED

MAIN 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. CANCER CLASSIFICATION CHALLENGES IN HIGH-DIMENSIONAL MICROARRAY DATA: AN IN-DEPTH EXPLORATION OF MACHINE LEARNING MODELS

MALAYSIAN JOURNAL OF SCIENCE, HEALTH & TECHNOLOGY (MJOSHT)

2026 JOURNAL OTHER DATABASE CORRESPONDING AUTHOR

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

MALAYSIAN JOURNAL OF SCIENCE, HEALTH & TECHNOLOGY (MJOSHT)

2026 JOURNAL MYCITE CO-AUTHOR

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

CITRA JOURNAL OF COMPUTER SCIENCE AND TECHNOLOGY

2025 JOURNAL OTHER DATABASE CO-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

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. 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

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

JOURNAL OF COMPUTING RESEARCH AND INNOVATION (JCRINN)

2025 JOURNAL MYCITE MAIN AUTHOR

11. PILOT STUDY TO ENHANCE COVER-SELECTION-BASED AUDIO STEGANOGRAPHY (CAS) USING FEED-FORWARD NEURAL NETWORK

JOURNAL OF COMPUTING RESEARCH AND INNOVATION

2025 JOURNAL MYCITE CO-AUTHOR

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

MEDIA MATTERS-DIGITAL SOCIETY RESEARCH REPORT

2025 CHAPTER IN BOOK CO-AUTHOR

13. PKP OH PKP!

ASPIRASI DAN MEMOIR HAL EHWAL PELAJAR DAN ALUMNI - MERENTAS SEJARAH MENJANA IMPAK

2025 CHAPTER IN BOOK MAIN AUTHOR

PUBLICATION

14. GAME-BASED CYBERSECURITY LEARNING: INTEGRATING NAQLI AND AQLI FOR RESILIENT DIGITAL CITIZENS

COMPILATION OF RESEARCH PAPERS ON STEM (SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS)

2025 CHAPTER IN BOOK MAIN AUTHOR

15. CYBER HASANAT: A SERVICE-LEARNING APPROACH TO BUILDING DIGITAL CITIZENSHIP IN EDUCATION

COMPILATION OF RESEARCH PAPERS ON STEM (SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS)

2025 CHAPTER IN BOOK MAIN AUTHOR

16. COVER SELECTION IN STEGANOGRAPHY: A SYSTEMATIC LITERATURE REVIEW

JOURNAL OF ADVANCED RESEARCH IN APPLIED SCIENCES AND ENGINEERING TECHNOLOGY

2024 JOURNAL SCOPUS CO-AUTHOR

17. 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

18. SAKTI ϕ : SECURED CHATTING TOOL THROUGH FORWARD SECRECY

JOURNAL OF ADVANCE RESEARCH IN APPLIED SCIENCES AND ENGINEERING TECHNOLOGY

2024 JOURNAL OTHER DATABASE MAIN AUTHOR

19. IMPROVING ARABIC LANGUAGE PROFICIENCY WITH INTERACTIVE MOBILE APPLICATION AL-MUALIM: A LEARNER-CENTRED APPROACH

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

2024 PROCEEDING NON-INDEX MAIN AUTHOR

20. SWINDLERT ϕ : 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

21. 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

22. FATWA DIGITAL: PENGGUNAAN APLIKASI CHATGPT DALAM MEMPERKASAKAN FATWA DARI PERSPEKTIF MAQASID SYARIAH

SEMINAR ANTARABANGSA ISLAM DAN SAINS (SAIS) 2024 EDISI KE-7

2024 PROCEEDING NON-INDEX MAIN AUTHOR

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

INTERNATIONAL CONFERENCE ON EMERGING TECHNOLOGIES AND SUSTAINABILITY (ICETS)

2024 PROCEEDING NON-INDEX MAIN AUTHOR

24. 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

25. ASSESSING FEATURES FOR MALAYSIAN UNIVERSITIES EXPERT DIRECTORY

2ND INTERNATIONAL CONFERENCE ON EMERGING TECHNOLOGIES AND SUSTAINABILITY

2024 PROCEEDING NON-INDEX MAIN AUTHOR

26. PILOT STUDY TO ENHANCE COVER-SELECTION-BASED AUDIO STEGANOGRAPHY (CAS) USING FEED-FORWARD NEURAL NETWORK

INTERNATIONAL SYMPOSIUM ON COMPUTER SCIENCES AND MATHEMATICS 2024 (I-SCHOMATICS 2024) ADVANCING COMPUTER SCIENCES, MATHEMATICS AND STATISTICS FOR SOCIETAL IMPACT

2024 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

PUBLICATION

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

INTERNATIONAL CONFERENCE ON EMERGING TECHNOLOGIES AND SUSTAINABILITY (ICETS)

2024 PROCEEDING NON-INDEX MAIN AUTHOR

28. CRYPTOLEARN: AI-DRIVEN ADAPTIVE CRYPTOGRAPHY LEARNING

INTERNATIONAL SEMINAR ON ISLAM AND SCIENCE (SAIS 2024)

2024 PROCEEDING NON-INDEX MAIN AUTHOR

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

ACADEMIA PRESS SOLUTIONS (APS) PROCEEDINGS VOLUME 6

2023 PROCEEDING NON-INDEX MAIN AUTHOR

30. 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

31. 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

32. SECURING DATA USING DEEP HIDING SELECTED THE LEAST SIGNIFICANT BIT AND ADAPTIVE SWARM ALGORITHM

INDONESIAN JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCE

2022 JOURNAL SCOPUS CO-AUTHOR

33. ENHANCING CYBER-ATTACKS AWARENESS VIA MOBILE GAMIFICATION TECHNIQUES

INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN TECHNOLOGY AND INNOVATION

2022 JOURNAL OTHER DATABASE MAIN AUTHOR

34. SYSTEMATIC LITERATURE REVIEW ON IT ASSET MANAGEMENT FRAMEWORK IN SECURITY OPERATION CENTER

MALAYSIAN JOURNAL OF INFORMATION AND COMMUNICATION TECHNOLOGY

2022 JOURNAL OTHER DATABASE CORRESPONDING AUTHOR

35. LEADERSHIP AND DECISION MAKING 91 IN UNCERTAIN TIMES: FOCUS ON HIGHER EDUCATION

ALIVE: ALIVE LEADERSHIP IN THE COVID-19 ERA

2022 CHAPTER IN BOOK CO-AUTHOR

36. COMPUTING II

2021 BOOK MAIN AUTHOR

37. IMPLEMENTING LOCATION-BASED CRYPTOGRAPHY ON MOBILE APPLICATION DESIGN TO SECURE DATA IN CLOUD STORAGE

JOURNAL OF PHYSICS: CONFERENCE SERIES

2020 JOURNAL SCOPUS CO-AUTHOR

38. GEO-COVID: MOVEMENT MONITORING BASED ON GEO-FENCE FRAMEWORK FOR COVID-19 PANDEMIC CRISIS

ADVANCES IN MATHEMATICS: SCIENTIFIC JOURNAL

2020 JOURNAL SCOPUS CO-AUTHOR

39. CONCEPTUAL FRAMEWORK OF DYNAMIC SCRUM MODEL AND KNOWLEDGE MANAGEMENT FOR SOFTWARE PRODUCT MANAGEMENT

MALAYSIAN JOURNAL OF SCIENCE HEALTH & TECHNOLOGY

2019 JOURNAL OTHERS DATABASE MAIN AUTHOR

PUBLICATION

40. LOCATION-BASED CRYPTOGRAPHIC TECHNIQUES FOR DATA PROTECTION

MALAYSIAN JOURNAL OF SCIENCE HEALTH & TECHNOLOGY

2019 JOURNAL OTHERS DATABASE CO-AUTHOR

41. INTEGRATION OF NAQLI AND AQLI: INFORMATION SECURITY AND ASSURANCE IN ISLAMIC AND TECHNOLOGICAL PERSPECTIVES

2019 BOOK EDITOR

42. CHALLENGES OF APPLYING SCRUM MODEL AND KNOWLEDGE MANAGEMENT FOR SOFTWARE PRODUCT MANAGEMENT

LECTURE NOTES IN MECHANICAL ENGINEERING - PROCEEDINGS OF THE 6TH INTERNATIONAL CONFERENCE ON ROBOT INTELLIGENCE TECHNOLOGY AND APPLICATIONS

2019 CHAPTER IN BOOK CO-AUTHOR

43. ADAB: DIGITAL CITIZEN, SECURITY AWARENESS AND MISUE OF SOCIAL MEDIA

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

2019 CHAPTER IN BOOK MAIN AUTHOR

44. RETRIEVAL PERFORMANCE FOR USIM''S QURANIC SEARCH ENGINE

INTERNATIONAL JOURNAL OF ENGINEERING & TECHNOLOGY

2018 JOURNAL SCOPUS CO-AUTHOR

45. DEMUSE: RELEASING STRESS USING MUSIC MOBILE APPLICATION

JOURNAL OF THEORETICAL AND APPLIED INFORMATION TECHNOLOGY

2018 JOURNAL SCOPUS CO-AUTHOR

46. TRANSFORMATIVE CYBER SECURITY MODEL FOR MALAYSIAN GOVERNMENT AGENCIES

INTERNATIONAL JOURNAL OF ENGINEERING & TECHNOLOGY

2018 JOURNAL SCOPUS CO-AUTHOR

47. DISCOVERING AUSTIM CHILD POTENTIAL USING AUTISM PARENTING APPLICATION

INTERNATIONAL JOURNAL OF ADVANCES IN ELECTRONICS AND COMPUTER SCIENCE

2018 JOURNAL SCOPUS CO-AUTHOR

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

INTERNATIONAL JOURNAL OF ENGINEERING & TECHNOLOGY

2018 JOURNAL SCOPUS CO-AUTHOR

49. MOBILE APPLICATION DESIGN FOR PROTECTING THE DATA IN CLOUD USING ENHANCED TECHNIQUE OF ENCRYPTION

INTERNATIONAL JOURNAL OF ENGINEERING & TECHNOLOGY

2018 JOURNAL SCOPUS MAIN AUTHOR

50. INTELLIGENT QURANIC ONTOLOGY RETRIEVAL

ADVANCED SCIENCE LETTERS

2017 JOURNAL SCOPUS CO-AUTHOR

51. RAIN STREAKS REMOVAL USING TOTAL VARIATION AND SPARSE CODING BASED ON CASE BASED REASONING APPROACH

JOURNAL OF ENGINEERING AND APPLIED SCIENCES

2017 JOURNAL SCOPUS CO-AUTHOR

52. TEXT STEGANOGRAPHY USING EXTENSIONS KASHIDA BASED ON THE MOON AND SUN LETTERS CONCEPT

INTERNATIONAL JOURNAL OF ADVANCED COMOUTER SCIENCE AND APPLICATIONS (IJACSA)

2017 JOURNAL SCOPUS CO-AUTHOR

PUBLICATION

53. 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 (ICIMT'17)

2017 PROCEEDING NON-INDEX MAIN AUTHOR

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

INTERNATIONAL UNIVERSITY CARNIVAL ON E-LEARNING

2017 PROCEEDING NON-INDEX MAIN AUTHOR

55. E-MENTOR: MOBILE APPLICATION FOR MENTOR MENTEE MANAGEMENT

INTERNATIONAL UNIVERSITY CARNIVAL ON E-LEARNING

2017 PROCEEDING NON-INDEX MAIN AUTHOR

56. MOBILE APPLICATION DESIGN FOR PROTECTING THE DATA IN CLOUD USING ENHANCED TECHNIQUE OF ENCRYPTION

INTERNATIONAL CONFERENCE ON INFORMATION SYSTEMS & SECURITY (ICOISS2017)

2017 PROCEEDING NON-INDEX CO-AUTHOR

57. E-MENTOR: MOBILE APPLICATION FOR TRACKING STUDENT'S PERFORMANCE

KOLOKIU E-PEMBELAJARAN UNIVERSITI SAINS ISLAM MALAYSIA KALI KE-3

2017 CHAPTER IN BOOK MAIN AUTHOR

58. A SURVEY ON INFORMATION COMMUNICATION TECHNOLOGY (ICT) COURSE IN USIM FROM STUDENT'S PERSPECTIVE

KOLOKIU E-PEMBELAJARAN UNIVERSITI SAINS ISLAM MALAYSIA KALI KE-3

2017 CHAPTER IN BOOK MAIN AUTHOR

59. INDEXING ANDROID MOBILE MALWARE

JOURNAL OF ENGINEERING AND APPLIED SCIENCES

2016 JOURNAL SCOPUS CO-AUTHOR

60. A SYSTEMATIC REVIEW ANALYSIS FOR QURAN VERSES RETRIEVAL

JOURNAL OF ENGINEERING AND APPLIED SCIENCES

2016 JOURNAL SCOPUS CO-AUTHOR

61. A REVIEW OF RAIN STREAKS DETECTION AND REMOVAL TECHNIQUES FOR OUTDOOR SINGLE IMAGE

ARPN JOURNAL OF ENGINEERING AND APPLIED SCIENCES

2016 JOURNAL SCOPUS CO-AUTHOR

62. I-ARMS: SECURED WEB-BASED FOR INTEGRATED ACADEMIC AND RESEARCH MANAGEMENT SYSTEM

GROWING CREATIVE AND INNOVATIVE SOLUTIONS

2016 CHAPTER IN BOOK MAIN AUTHOR

63. COMPOUND BINARIZATION FOR DEGRADED DOCUMENT IMAGES

ARPN JOURNAL OF ENGINEERING AND APPLIED SCIENCES

2015 JOURNAL SCOPUS CO-AUTHOR

64. SIGNIFICANCE OF PARAMETERS IN GENETIC ALGORITHM, THE STRENGTHS, ITS LIMITATIONS AND CHALLENGES IN IMAGE RECOVERY

ARPN JOURNAL OF ENGINEERING AND APPLIED SCIENCES

2015 JOURNAL SCOPUS CO-AUTHOR

65. E-LEARNING TOOLS USING GOALS FOR NETWORK AND MANAGEMENT INFORMATION SYSTEM COURSE AND ITS CHALLENGES IN USIM

THE FIRST E-LEARNING COLLOQUIUM OF UNIVERSITI SAINS ISLAM MALAYSIA

2015 PROCEEDING NON-INDEX MAIN AUTHOR

PUBLICATION

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

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

2015 PROCEEDING NON-INDEX MAIN AUTHOR

67. A REVIEW OF SKEW DETECTION TECHNIQUES FOR DOCUMENT

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

2015 PROCEEDING NON-INDEX CO-AUTHOR

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

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

2015 PROCEEDING NON-INDEX CO-AUTHOR

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

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

2015 PROCEEDING NON-INDEX CO-AUTHOR

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

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

2015 PROCEEDING NON-INDEX CO-AUTHOR

71. A REVIEW OF RAIN STREAKS DETECTION AND REMOVAL TECHNIQUES FOR OUTDOOR SINGLE IMAGE

1ST INTERNATIONAL CONFERENCE ON TELECOMMUNICATION, ELECTRONIC AND COMPUTER ENGINEERING (ICTEC)

2015 PROCEEDING NON-INDEX CO-AUTHOR

72. COMPOUND BINARIZATION FOR DEGRADED DOCUMENT IMAGES

ADVANCEMENT IN INFORMATION TECHNOLOGY INTERNATIONAL CONFERENCE

2014 PROCEEDING NON-INDEX CO-AUTHOR

73. EXAMINING THE INFLUENCE OF CSFS FOR ERP IMPLEMENTATION IN SMES

POSTGRADUATE COLLOQUIUM OF FACULTY OF SCIENCE AND TECHNOLOGY 2014

2014 PROCEEDING NON-INDEX CO-AUTHOR

74. AN EVALUATION REVIEW OF BINARIZATION TECHNIQUES FOR DEGRADED DOCUMENT IMAGES

POSTGRADUATE COLLOQUIUM OF FACULTY OF SCIENCE AND TECHNOLOGY 2014

2014 PROCEEDING NON-INDEX CO-AUTHOR

75. TOWARDS DYNAMIC SCRUM MODEL AND KNOWLEDGE SUPPORT IN SOFTWARE PRODUCT MANAGEMENT

POSTGRADUATE COLLOQUIUM OF FACULTY OF SCIENCE AND TECHNOLOGY 2014

2014 PROCEEDING NON-INDEX CO-AUTHOR

76. COMPARISON IMAGE RESTORATION METHODS BETWEEN WIENER FILTER AND RICHARDSON LUCY USING SSIM

POSTGRADUATE COLLOQUIUM OF FACULTY OF SCIENCE AND TECHNOLOGY 2014

2014 PROCEEDING NON-INDEX CO-AUTHOR

77. SIGNIFICANCE OF PARAMETERS IN GENETIC ALGORITHM, THE STRENGTHS, ITS LIMITATIONS AND CHALLENGES IN IMAGE RECOVERY

ADVANCEMENT IN INFORMATION TECHNOLOGY INTERNATIONAL CONFERENCE

2014 PROCEEDING NON-INDEX CO-AUTHOR

78. ESTIMATION OF THE REGULARISATION PARAMETER IN HUBER-MRF FOR IMAGE RESOLUTION ENHANCEMENT

THE 14TH INTERNATIONAL CONFERENCE ON INTELLIGENT DATA ENGINEERING AND AUTOMATED LEARNING (IDEAL 2013)

2013 PROCEEDING NON-INDEX MAIN AUTHOR

PUBLICATION

79. PROPOSED CHARACTER RECOGNITION APPLICATION FOR PEOPLE WITH HEARING AND VISUALLY IMPAIRED

EXPOSITION ON ISLAMIC INNOVATION (I-INOVA2013)

2013 PROCEEDING NON-INDEX CO-AUTHOR

80. SINGLE-FRAME SIGNAL RECOVERY USING A SIMILARITY-PRIOR

MATHEMATICAL METHODOLOGIES IN PATTERN RECOGNITION AND MACHINE LEARNING

2013 CHAPTER IN BOOK MAIN AUTHOR

81. SINGLE-FRAME IMAGE RECOVERY USING A PEARSON TYPE VII MRF

NEUROCOMPUTING

2012 JOURNAL WOS CO-AUTHOR

82. SINGLE-FRAME SIGNAL RECOVERY USING A SIMILARITY-PRIOR BASED ON PEARSON TYPE VII MRF

IN PROCEEDINGS OF THE 1ST INTERNATIONAL CONFERENCE ON PATTERN RECOGNITION APPLICATIONS AND METHODS, ICPRAM2012

2012 PROCEEDING NON-INDEX MAIN AUTHOR

83. MULTI-TASK SIGNAL RECOVERY BY HIGHER LEVEL HYPERPARAMETER SHARING

PROC. 21ST OF INTERNATIONAL CONFERENCE ON PATTERN RECOGNITION (ICPR2012)

2012 PROCEEDING NON-INDEX MAIN AUTHOR

84. SINGLE FRAME IMAGE RECOVERY FOR SUPER RESOLUTION WITH PARAMETER ESTIMATION OF PEARSON

INTERNATIONAL JOURNAL OF COMPUTER SCIENCE

2011 JOURNAL WOS MAIN AUTHOR

85. NON-LINEAR IMAGE RECOVERY FROM A SINGLE FRAME SUPER RESOLUTION USING PEARSON TYPE VII DENSITY

LECTURE NOTES IN ELECTRICAL ENGINEERING 103 - INTELLIGENT AUTOMATION AND SYSTEMS ENGINEERING

2011 CHAPTER IN BOOK MAIN AUTHOR

86. NON-LINEAR IMAGE RECOVERY FROM A SINGLE FRAME SUPER RESOLUTION USING PEARSON TYPE VII DENSITY

PROC. OF THE WORLD CONGRESS ON ENGINEERING AND COMPUTER SCIENCE (WCECS)

2010 PROCEEDING NON-INDEX MAIN AUTHOR

87. SINGLE-FRAME IMAGE SUPERRESOLUTION USING A PEARSON TYPE VII MRF

PROC. IEEE INTERNATIONAL WORKSHOP ON MACHINE LEARNING FOR SIGNAL PROCESSING (MLSP)

2010 PROCEEDING NON-INDEX MAIN AUTHOR

88. WORKING WITH WINDOWS XP, CONNECTING TO THE WORLD WIDE WEB, MS WORD 2003, MS POWERPOINT 2003, MS EXCEL 2003

INFORMATION AND COMMUNICATION TECHNOLOGY - LAB MANUAL

2010 CHAPTER IN BOOK MAIN AUTHOR

CONSULTATION

1. PENSIJILAN PROFESIONAL (KPT-PACE) - EMPOWERING GRADUATES WITH POWER BI

KEMENTERIAN PENGAJIAN TINGGI

2023

NATIONAL

2. PENSIJILAN PROFESIONAL EC-COUNCIL CERTIFIED NETWORK DEFENDER

KEMENTERIAN PENGAJIAN TINGGI (JABATAN PENDIDIKAN TINGGI)

2022

NATIONAL

3. PENSIJILAN PROFESIONAL GLOBAL ACE PENETRATION TESTER

KEMENTERIAN PENGAJIAN TINGGI

2022

NATIONAL

4. PERUNDINGAN PEMBANGUNAN SISTEM

KIPLEPAY SDN BHD

2019

NATIONAL

5. PENGGUBAL MODUL DAN TENAGA PENGAJAR KURSUS IR 4.0

KEMENTERIAN PENDIDIKAN MALAYSIA (KPM)

2019

NATIONAL

6. PENYELARAS & FASILITATOR KURSUS IR 4.0 ANJURAN KEMENTERIAN PENDIDIKAN MALAYSIA & FAKULTI SAINS TEKNOLOGI, USIM

KEMENTERIAN PENDIDIKAN MALAYSIA

2019

NATIONAL

7. ENUMERATOR GERAN PENYELIDIKAN

KIPLEPAY SDN BHD

2019

NATIONAL

8. PENTAKSIR SOALAN SAINS KOMPUTER SC025 PROGRAM MATRIKULASI (PSPM)

BAHAGIAN MATRIKULASI, KEMENTERIAN PENDIDIKAN MALAYSIA

2018

NATIONAL

9. PANEL PENILAI PROGRAM DEEMED ACCREDITED CS226/246 & CS231/251

INSTITUT KUALITI DAN PENGEMBANGAN ILMU, UNIVERSITI TEKNOLOGI MARA

2018

NATIONAL

10. PEMERIKSA SKRIP JAWAPAN SAINS KOMPUTER (SC025) PROGRAM MATRIKULASI (PSPM) 2017

KEMENTERIAN PENDIDIKAN MALAYSIA (MATRIKULASI)

2017

NATIONAL

11. PENGGUBAL KERTAS SOALAN PEPERIKSAAN AKHIR SAINS KOMPUTER SEMESTER 1 SCS015

PROGRAM MATRIKULASI (PSPM), KEMENTERIAN PENDIDIKAN MALAYSIA (KPM)

2017

NATIONAL

12. PENTAKSIR SOALAN SAINS KOMPUTER DC015 PROGRAM MATRIKULASI (PSPM)

KEMENTERIAN PENDIDIKAN MALAYSIA (KPM)

2016

NATIONAL

13. PEMERIKSA SKRIP JAWAPAN SAINS KOMPUTER (SC015) PROGRAM MATRIKULASI (PSPM) 2016

KEMENTERIAN PENDIDIKAN MALAYSIA (BAHAGIAN MATRIKULASI)

2016

NATIONAL

CONSULTATION

15. PENGGUBAL SOALAN SAINS KOMPUTER (SC015) SEMESTER 1 PROGRAM MATRIKULASI (PSPM)

KEMENTERIAN PENDIDIKAN MALAYSIA (BAHAGIAN MATRIKUL

2015

NATIONAL

16. PENGGUBAL SOALAN SAINS KOMPUTER (DC015) SEMESTER 1 PROGRAM MATRIKULASI (PSPM)

KEMENTERIAN PENDIDIKAN MALAYSIA (BAHAGIAN MATRIKUL

2015

NATIONAL

17. PENGGUBAL SOALAN SAINS KOMPUTER (DC025) SEMESTER II PROGRAM MATRIKULASI (PSPM)

KEMENTERIAN PENDIDIKAN MALAYSIA (BAHAGIAN MATRIKUL

2015

NATIONAL

18. A JOINT USER REQUIREMENTS GATHERING AND INTERFACE DESIGN OF IPSS SYSTEM

IKHTISAS VENTURE

2015

UNIVERSITY

19. PEMERIKSA SKRIP JAWAPAN SAINS KOMPUTER (SC025) PROGRAM MATRIKULASI KPM SESI 2014/2015

KEMENTERIAN PENDIDIKAN MALAYSIA (BAHAGIAN MATRIKUL

2015

NATIONAL

20. PENTAKSIR SOALAN SAINS KOMPUTER DC015 PROGRAM MATRIKULASI (PSPM) KPM

KEMENTERIAN PENDIDIKAN MALAYSIA (BAHAGIAN MATRIKUL

2015

NATIONAL

21. PENTAKSIR SOALAN SAINS KOMPUTER SC015 PROGRAM MATRIKULASI (PSPM) KPM

KEMENTERIAN PENDIDIKAN MALAYSIA (BAHAGIAN MATRIKUL

2015

NATIONAL

22. PEMERIKSA KERTAS SOALAN SAINS KOMPUTER PROGRAM MATRIKULASI KPM

KEMENTERIAN PENDIDIKAN MALAYSIA (BAHAGIAN MATRIKU

2014

NATIONAL

23. PEMERIKSA KERTAS SOALAN SAINS KOMPUTER (SC015) PROGRAM MATRIKULASI KPM SESI 2014/2015

KEMENTERIAN PENDIDIKAN MALAYSIA

2014

NATIONAL

24. PENGGUBAL KERTAS SOALAN SAINS KOMPUTER (SC015) PROGRAM MATRIKULASI KPM SESI 2015/2016

KEMENTERIAN PENDIDIKAN MALAYSIA (BAHAGIAN MATRIKU

2014

NATIONAL

25. PENGGUBAL KERTAS SOALAN SAINS KOMPUTER (DC015) PROGRAM MATRIKULASI KPM SESI 2015/2016

KEMENTERIAN PENDIDIKAN MALAYSIA (BAHAGIAN MATRIK

2014

NATIONAL

26. PENYUNTING PENAMBAHBAIK MODUL BAGI "RESEARCH METHODOLOGY"

GOAL CENTRE, USIM

2014

UNIVERSITY

27. PEMERIKSA KERTAS SOALAN SAINS KOMPUTER PROGRAM MATRIKULASI KPM

KEMENTERIAN PENDIDIKAN MALAYSIA

2013

NATIONAL

AWARDS/RECOGNITION

1. PENGHARGAAN STAF CONTOH BULANAN JANUARI 2025 BAGI FAKULTI SAINS DAN TEKNOLOGI (FST)

2025 UNIVERSITY

2. ANUGERAH PENULISAN POPULAR SEMPENA HAFLUFAST 2025

2025 UNIVERSITY

3. ANUGERAH PEMFAILAN HARTA INTELEK SEMPENA HAFLUFAST 2025

2025 UNIVERSITY

4. PINGAT PERKHIDMATAN CEMERLANG 2024 BAGI MAJLIS ANUGERAH KECEMERLANGAN DAN INOVASI USIM 2025

2025 UNIVERSITY

5. PINGAT PERKHIDMATAN CEMERLANG TAHUN 2024 BAGI MAJLIS APRESIASI KECEMERLANGAN TAHUN 2025

2025 NATIONAL

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

2025 NATIONAL

7. ANUGERAH INOVASI SEMPENA HAFLUFAST 2025

2025 UNIVERSITY

8. ANUGERAH AHLI AKADEMIK CEMERLANG

2025 UNIVERSITY

9. ANUGERAH PENERIMA GERAN PENYELIDIKAN

2025 UNIVERSITY

10. ANUGERAH PENGAJARAN SULAM

2025 UNIVERSITY

11. ANUGERAH LAPORAN NILAIAN PRESTASI TAHUNAN (LNPT) MELEBIHI 95% BAGI TAHUN 2024

2025 UNIVERSITY

12. ANUGERAH LIBATSAMA KOMUNITI - PROJEK: CYBER HASANAT: MEMERANGI TAKTIK KEJURUTERAAN SOSIAL

2025 UNIVERSITY

13. ANUGERAH LIBATSAMA KOMUNITI - PROJEK: CYBER HASANAT: LINDUNGI IDENTITI, BERSAMA MEMACU TRANSFORMASI DIGITAL

2025 UNIVERSITY

14. ANUGERAH PENERBITAN JURNAL BERINDEKS WOS/SCOPUS/MYCITE

2025 UNIVERSITY

AWARDS/RECOGNITION

15. RESEARCH INNOVATION POSTER COMPETITION 2025 (BRONZE) - AL-AS'ILA: ARABIC EXAM QUESTION GENERATOR

2025 UNIVERSITY

16. FINALIS ANUGERAH KHAS YB MENTERI PENDIDIKAN TINGGI (AKRI) 2025 KATEGORI PENGALAMAN PEMBELAJARAN IMERSIF BERSEMUKA

2025 NATIONAL

17. PRESTASI CEMERLANG MELEBIHI 95 % DALAM LAPORAN NILAIAN PRESTASI TAHUNAN (LNPT) TAHUN 2024

2025 UNIVERSITY

18. ANUGERAH INOVASI

2025 UNIVERSITY

19. VISITING SCHOLAR

JINAN LUSH MOUNTAINS INTELLIGENT STRATEGY TECH SERVICES CO., LTD.

2025 INTERNATIONAL

20. VISITING PROFESOR

FACULTY OF SCIENCE AND TECHNOLOGY, UNIVERSITAS AIRLANGGA (UNIAIR), INDONESIA

2025 INTERNATIONAL

21. ACADEMIC ADVISOR

INTI INTERNATIONAL UNIVERSITY

2025 NATIONAL

22. ADVISORY / EDITOR / EDITORIAL

SOCIOECONOMIC DEVELOPMENT AND RESEARCH (SEDAR) INSTITUTE

2025 NATIONAL

23. VISITING SCHOLAR

UNIVERSITAS ADZKIA, INDONESIA

2025 INTERNATIONAL

24. ACADEMIC PROGRAM ADVISOR

PUSAT VERIFIKASI KUALITI, UNIVERSITI MALAYSIA PAHANG AL-SULTAN ABDULLAH (UMPSA)

2025 NATIONAL

25. CONFERENCE PAPER REVIEWER

ANTALYA BILIM UNIVERSITY AND IEEE

2025 INTERNATIONAL

26. ADVISORY / EDITOR / EDITORIAL

UNIVERSITI SAINS ISLAM MALAYSIA

2025 UNIVERSITY

27. ACADEMIC PROGRAM ADVISOR

JEMAAH NAZIR NEGERI TERENGGANU, KEMENTERIAN PENDIDIKAN MALAYSIA

2025 NATIONAL

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

INTERNATIONAL BORNEO INNOVATION EXHIBITION & COMPETITION 2025

2025 ANTARABANGSA GOLD

AWARDS/RECOGNITION

29. AL-ASILAH: ARABIC EXAM QUESTION GENERATOR

INNOVATION BANK CHALLENGE 2025

2025 ANTARABANGSA SILVER

30. AL-ASLAH ARABIC EXAM QUESTION GENERATOR

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

2025 KEBANGSAAN SILVER

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

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

2025 KEBANGSAAN SILVER

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

INTERNATIONAL FUTURE INNOVATORS CHALLENGE 2025 (IFIC 2025)

2025 ANTARABANGSA BEST PAPER AWARD

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

INTERNATIONAL FUTURE INNOVATORS CHALLENGE 2025 (IFIC 2025)

2025 ANTARABANGSA PLATINUM

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

INTERNATIONAL FUTURE INNOVATORS CHALLENGE 2025 (IFIC 2025)

2025 ANTARABANGSA GOLD

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

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

2025 ANTARABANGSA GOLD

36. ANUGERAH QUDWAH HASANAH - MAJLIS ANUGERAH KECERMERLANGAN DAN INOVASI TAHUN 2023 USIM

2024 UNIVERSITY

37. EDUCATION 2.0 CONFERENCE OUTSTANDING LEADERSHIP AWARD

2024 INTERNATIONAL

38. IKON ALUMNI AKADEMIK - MAJLIS ANUGERAH IKON ALUMNI UNIVERSITI MALAYSIA TERENGGANU 2023 (MAIKA)

2024 NATIONAL

39. IMPROVING ARABIC LANGUAGE PROFICIENCY WITH INTERACTIVE MOBILE APPLICATION AL-MUALIM: A LEARNER-CENTRED APPROACH

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

2024 ANTARABANGSA CERTIFICATE OF APPRECIATION

40. 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

41. VIRTUSCILAB: AUGMENTED REALITY SCIENCE FUN

SCEINCE AND TECHNOLOGY RESEARCH EXPO (SCITEX)

2024 UNIVERSITI BRONZE

42. FORTSDEF: THE CYBER DEFENSE ESCAPE CHALLENGE

SCEINCE AND TECHNOLOGY RESEARCH EXPO (SCITEX)

2024 UNIVERSITI BRONZE

AWARDS/RECOGNITION

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

45. IMPROVING ARABIC LANGUAGE PROFICIENCY WITH INTERACTIVE MOBILE APPLICATION AL-MUALIM: A LEARNER-CENTRED APPROACH

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

2024

ANTARABANGSA

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

4TH INNOVATION BANK CHALLENGE 2024 (IBC 2024)

2024

UNIVERSITI

GOLD

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

International Teaching Enhancement & Learning Innovation Carnival 2024

2024

ANTARABANGSA

BRONZE

48. ANUGERAH INOVASI TERBAIK SEMPENA MAJLIS APRESIASI PENYELIDIKAN DAN INOVASI 2022

2023

UNIVERSITY

49. ANUGERAH MAAL HIJRAH 1445H/2023M (KATEGORI AKADEMIK)

2023

UNIVERSITY

50. 1ST WINNER OF THE OIC-CERT GLOBAL CYBERSECURITY AWARD 2023

2023

INTERNATIONAL

51. UCAPAN TAHNIAH PENERIMA ANUGERAH OIC-CERT GLOBAL CYBERSECURITY 2023

2023

UNIVERSITY

52. UCAPAN PENGHARGAAN DAN TERIMA KASIH SEMPENA PERTANDINGAN INTERNATIONAL UNIVERSITY CARNIVAL ON E-LEARNING2023 (IUCEL 2023)

2023

UNIVERSITY

53. UCAPAN PENGHARGAAN DAN TERIMA KASIH SEMPENA PERTANDINGAN INTERNATIONAL E-CONTENT DEVELOPMENT COMPETITION (E-CONDEV) 2023

2023

UNIVERSITY

54. ICON OF ACADEMIC ALUMNI CHAPTER FOR COMPUTER SCIENCE

2023

NATIONAL

55. STAF CONTOH BULANAN FAKULTI SAINS DAN TEKNOLOGI (FST) BAGI BULAN JANUARI 2023

2023

UNIVERSITY

56. PENGHARGAAN SEMPENA FINALIS MAJLIS ANUGERAH IKON ALUMNI (MAIKA'22)

2023

NATIONAL

AWARDS/RECOGNITION

57. ANUGERAH INOVASI DAN PENGKOMERSIALAN 2022 (CYBERPOLY) BAGI MAJLIS ANUGERAH KECERMERLANGAN DAN INOVASI TAHUN 2022

2023 UNIVERSITY

58. JOURNAL PEER REVIEWER (PEWASIT ARTIKEL JURNAL)

ELSEVIER

2023 INTERNATIONAL

59. D-STAC: ENHANCING STUDENT ASSOCIATION THROUGH AN INNOVATIVE DASHBOARD SYSTEM

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

2023 ANTARABANGSA GOLD

60. SECURE CYBERCITIZENSHIP (SET)

VIRTUAL INNOVATION CEMPETITION 2023

2023 KEBANGSAAN SILVER

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

International University Carnival On E-Learning (IUCEL 2023)

2023 ANTARABANGSA SILVER

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

Pertandingan Inovasi Pengajaran dan Pembelajaran (kNovasi) 2023

2023 KEBANGSAAN BRONZE

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

Arab Regional Cybersecurity Week & 15th OIC-CERT Annual Conference

2023 ANTARABANGSA GOLD

64. 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

65. SAKTI: SECURE CHAT-BOX

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

2023 UNIVERSITI GOLD

66. DISAPREP: ENHANCING DISASTER PREPAREDNESS THROUGH EDUTAINMENT-BASED MOBILE APPLICATION

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

2023 UNIVERSITI SILVER

67. SAKTI-CHATBOX

Malaysia Technology Expo (MTE) 2023

2023 ANTARABANGSA SILVER

68. SECURE CYBERCITIZENSHIP (SET)

Malaysia Technology Expo (MTE) 2023

2023 ANTARABANGSA GOLD

69. SWINDLERT

Malaysia Technology Expo (MTE) 2023

2023 ANTARABANGSA BRONZE

70. NEXT-GEN SECURITY OPERATIONS CENTER (NGSOC) MANAGEMENT PROCEDURE IN SECURITY OPERATIONS CENTRE (SOC) FROM TECHNOLOGY PERSPECTIVE

INNOVATION BANK CHALLENGE 2023 (IBC2023)

2023

UNIVERSITY

BRONZE

AWARDS/RECOGNITION

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

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

2023 ANTARABANGSA GOLD

72. ANUGERAH PENSYARAH PILIHAN (KATEGORI PEREMPUAN)

2022 UNIVERSITY

73. ANUGERAH PERKHIDMATAN SETIA

2022 UNIVERSITY

74. ANUGERAH TOKOH INOVASI DAN PEMENTORAN (HAFLUFAST)

2022 UNIVERSITY

75. GRADUATE EMPLOYABILITY PERSONALITY AWARD

2022 UNIVERSITY

76. CYBERPOLY: MOBILE GAMIFICATION FOR SECURITY AWARENESS CAMPAIGN

MALAYSIA TECHNOLOGY EXPO 2022

2022 ANTARABANGSA BRONZE

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

INNOVATION BANK CHALLENGE (IBC 2022)

2022 UNIVERSITI GOLD

78. CYBERPOLY: CYBERSECURITY EDUGAME

Persidangan dan Ekspo Ciptaan Institusi Pengajian Tinggi Antarabangsa (PECIPTA22)

2022 ANTARABANGSA GOLD

79. FINED: FINANCIAL LITERACY THROUGH EDUTAINMENT

INNOVATION BANK CHALLENGE (IBC 2022)

2022 UNIVERSITI GOLD

80. CYBERPOLY: CYBERSECURITY EDUGAME

INNOVATION BANK CHALLENGE (IBC 2022)

2022 UNIVERSITI SILVER

81. CYBERPOLY

3rd WIDYATAMA INTERNATIONAL INNOVATION AND ACADEMIC COMPETITIONS (WICAN) 2021

2022 ANTARABANGSA GOLD

82. SILVER AWARD VIRTUAL INTERNATIONAL E-CONTENT DEVELOPMENT COMPETITION 2021

2021 INTERNATIONAL

83. PINGAT EMAS KARNIVAL INOVASI@UMT 2021 - CYBERPOLY: MOBILE GAMIFICATION FOR RAISING CYBER ATTACKS AWARENESS

2021 NATIONAL

84. PINGAT EMAS KARNIVAL INOVASI@UMT 2021 - FINED: FINANCIAL LITERACY EDUCATION

2021 NATIONAL

AWARDS/RECOGNITION

85. 1ST WINNER WI-CAN 2021 START-UP IDEA FOR DEVELOPING ENTREPRENEURSHIP (CYBERPOLY)

2021 INTERNATIONAL

86. 4TH PLACE WI-CAN 2021 START-UP IDEA FOR DEVELOPING ENTREPRENEURSHIP (HAFILAHGO)

2021 INTERNATIONAL

87. BEST POSTER AWARD TREX 2021 - CYBERPOLY: MOBILE GAMIFICATION FOR RAISING CYBER ATTACKS CONSCIOUSNESS

2021 INTERNATIONAL

88. GOLD AWARD TREX 2021 - CYBERPOLY: MOBILE GAMIFICATION FOR RAISING CYBER ATTACKS CONSCIOUSNESS

2021 INTERNATIONAL

89. CYBERPOLY

3rd WIDYATAMA INTERNATIONAL INNOVATION AND ACADEMIC COMPETITIONS (WICAN) 2021

2021 ANTARABANGSA GOLD

90. CYBERPOLY:MOBILE GAMIFICATION FOR RAISING CYBER ATTACKS CONSCIOUSNESS

THE 1st TECHNOLOGY AND RESEARCH EXHIBITION (TREX) 2021

2021 ANTARABANGSA GOLD

91. CYBERPOLY: MOBILE GAMIFICATION FOR RAISING CYBER ATTACKS AWARENESS

PERTANDINGAN AMALAN INOVASI PENGAJARAN DAN PEMBELAJARAN KARNIVAL INOVASI@UMT 2021

2021 KEBANGSAAN GOLD

92. FINED: FINANCIAL LITERACY EDUCATION

PERTANDINGAN AMALAN INOVASI PENGAJARAN DAN PEMBELAJARAN KARNIVAL INOVASI@UMT 2021

2021 KEBANGSAAN GOLD

93. CYBERLAW ALMANAC

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

2021 ANTARABANGSA SILVER

94. ANUGERAH PERKHIDMATAN CEMERLANG 2019

2020 UNIVERSITY

95. SPECIAL PRIZE 11TH NAPROCK INTERNATIONAL PROGRAMMING CONTEST, HANOI, VIETNAM 2020

2020 INTERNATIONAL

96. ACADEMIC ADVISOR

MALAYSIA CYBER CONSUMER ASSOCIATION (MCCA)

2020 NATIONAL

97. FIRST PLACE SOFTWARE PROGRAMMING INNOVATION COMPETITION (PROCOM) 2019 - TEL-MED CARE

2019 NATIONAL

98. BRONZE AWARD INTERNATIONAL UNIVERSITY CARNIVAL ON E-LEARNING (IUCEL 2019) - MOBAS: MOBILE BARCODE SCANNER BASED ATTENDANCE SYSTEM FOR EDUCATION 4.0

2019 INTERNATIONAL

AWARDS/RECOGNITION

99. BRONZE AWARD INTERNATIONAL UNIVERSITY CARNIVAL ON E-LEARNING (IUCEL 2019) - DASHBOARD MONITORING SYSTEM (DMS) FOR POSTGRADUATE STUDY

2019 INTERNATIONAL

100. BRONZE AWARD INTERNATIONAL UNIVERSITY CARNIVAL ON E-LEARNING (IUCEL 2019) - BLUETOOTH SMART BASED ATTENDANCE SYSTEM FOR TEACHING AND LEARNING

2019 INTERNATIONAL

101. THEME: TEL-MED CARE

SOFTWARE PROGRAMMING INNOVATION COMPETITION

2019 ANTARABANGSA GOLD

102. TRAVMED CLOUD

MELAKA INTERNATIONAL INTELLECTUAL EXPOSITION (MIIEx 2019)

2019 ANTARABANGSA SILVER

103. BLUETOOTH SMART BASED ATTENDANCE SYSTEM FOR TEACHING AND LEARNING

INTERNATIONAL UNIVERSITY CARNIVAL ON E-LEARNING (IUCEL) 2019

2019 ANTARABANGSA BRONZE

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

INTERNATIONAL UNIVERSITY CARNIVAL ON E-LEARNING (IUCEL) 2019

2019 ANTARABANGSA BRONZE

105. DASHBOARD MONITORING SYSTEM (DMS) FOR POSTGRADUATE STUDY

INTERNATIONAL UNIVERSITY CARNIVAL ON E-LEARNING (IUCEL) 2019

2019 ANTARABANGSA BRONZE

106. ANUGERAH PENYELIDIK HARAPAN (KATEGORI SAINS, TEKNOLOGI & PERUBATAN)

2018 UNIVERSITY

107. INTERNATIONAL INVENTION & INNOVATIVE COMPETITION (INIIC SERIES 1/2018)

2018 INTERNATIONAL

108. EKSPLO INOVASI UNIVERSITI SAINS ISLAM MALAYSIA (I-INOVA) 2018

2018 INTERNATIONAL

109. GOLD MEDAL - IUCEL 2017

2017 INTERNATIONAL

110. BRONZE MEDAL - IUCEL 2017

2017 INTERNATIONAL

111. E-MENTOR: MOBILE APPLICATION FOR MENTOR MENTEE MANAGEMENT

INTERNATIONAL UNIVERSITY CARNIVAL ON E-LEARNING (IUCEL 2017)

2017 UNIVERSITI BRONZE

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

INTERNATIONAL UNIVERSITY CARNIVAL ON E-LEARNING (IUCEL 2017)

2017 ANTARABANGSA GOLD

AWARDS/RECOGNITION

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

INTERNATIONAL UNIVERSITY CARNIVAL ON E-LEARNING (IUCEL 2017)

2017 UNIVERSITY GOLD

114. IM READY

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

2016 ANTARABANGSA SILVER

115. INTEGRATED ACADEMIC AND RESEARCH MANAGEMENT SYSTEM (I-ARMS)

International Invention & Innovatice Competition Series (InIIC) Series 2/2016

2016 ANTARABANGSA SILVER

116. IMREADY

International Invention, Innovation & Technology Exhibition

2016 ANTARABANGSA SILVER

117. Q-CHECKED

EKSPO INOVASI ISLAM 1438H (i-INOVA16)

2016 UNIVERSITY SILVER

118. ANUGERAH PENSYARAH AKTIF 2014

2015 UNIVERSITY

119. ANUGERAH KECEMERLANGAN PENYELIDIKAN 2014 - EZCERT

2015 UNIVERSITY

120. ANUGERAH PERKHIDMATAN CEMERLANG (APC) 2014

2015 UNIVERSITY

121. EZCERT 2.0

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

2015 ANTARABANGSA BRONZE

122. BEST PRESENTATION AWARD

2014 UNIVERSITY

123. EZCERT

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

2014 ANTARABANGSA GOLD

124. STADIR : STATIC DYNAMIC INCIDENT RESPONSE MALWARE DATASET MODEL

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

2013 KEBANGSAAN BRONZE