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SAKINAH BINTI ALI  
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PENSYARAH UNIVERSITI DS14

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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

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**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

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## 22. PENGGALIAN 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

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## 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 DISEASE PREVENTION 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

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## 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 $\phi$ : 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 $\phi$ : 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

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## 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

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## 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

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## 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

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## 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

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## 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, ICPRAM 2012

2012 PROCEEDING NON-INDEX MAIN AUTHOR

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

PROC. 21ST OF INTERNATIONAL CONFERENCE ON PATTERN RECOGNITION (ICPR) 2012

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

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## 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

**14. PEMERIKSA SKRIP JAWAPAN SAINS KOMPUTER (SC015) PROGRAM MATRIKULASI (PSPM) SEMESTER 1, SESI 2015/2016**

KEMENTERIAN PENDIDIKAN MALAYSIA (BAHAGIAN MATRIKU)

2015

NATIONAL

# CONSULTATION

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## 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

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## 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

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## 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

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## 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 KECEMERLANGAN 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

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## 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

SCIENCE 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-LEARNING 2023 (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

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## 57. ANUGERAH INOVASI DAN PENGKOMERSIALAN 2022 (CYBERPOLY) BAGI MAJLIS ANUGERAH KECEMERLANGAN 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

UNIVERSITI

BRONZE

# AWARDS/RECOGNITION

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## 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

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## 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

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## 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 (MIIEEx 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

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

INTERNATIONAL UNIVERSITY CARNIVAL ON E-LEARNING (IUCEL 2017)

2017 UNIVERSITI 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 UNIVERSITI 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