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PENSYARAH UNIVERSITI DS14

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Address: Fakulti Sains Dan
Teknologi

SUPERVISION

PhD - Completed: 6, Ongoing: 3

Master - Completed: 2, Ongoing: 3

AREAS OF EXPERTISE

Data Hiding And Steganography

Analysis Of Algorithms And Complexity

Data Encryption

BIOGRAPHY

A lecturer from Fakulti Sains Dan Teknologi. Holds a Phd in Komputer Sekuriti.

ACADEMIC QUALIFICATION

Phd in Komputer Sekuriti (2013)

Master in Disrete Mathematics And Its Applications (2008)

Bachelor in Sains Komputer (2005)

RESEARCH

1. KAJIAN PENILAIAN PRESTASI SISTEM MYGRANTS DAN CADANGAN PENAMBAHBAIKAN SISTEM

2024 ON GOING MAIN RESEARCHER

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

2024 ON GOING MAIN RESEARCHER

3. CYBERSECURITY AND SYSTEMS (CSS)

2024 ON GOING MAIN RESEARCHER

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

2020 COMPLETED MAIN RESEARCHER

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

2017 COMPLETED MAIN RESEARCHER

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

2014

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

2026 JOURNAL

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

2025 JOURNAL

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

2025 JOURNAL

4. SAKTI?: SECURED CHATTING TOOL THROUGH FORWARD SECRECY

2024 JOURNAL

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

2024 JOURNAL

6. ASSESSING FEATURES FOR MALAYSIAN UNIVERSITIES EXPERT DIRECTORY

2024 PROCEEDING

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

2024 PROCEEDING

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

2024 PROCEEDING

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

2024 PROCEEDING

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

2024 PROCEEDING

11. CRYPTOLEARN: AI-DRIVEN ADAPTIVE CRYPTOGRAPHY LEARNING

2024 PROCEEDING

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

2024 PROCEEDING

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

2024 PROCEEDING

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

2024 PROCEEDING

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

2023 PROCEEDING

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

2023 PROCEEDING

17. ENHANCING CYBER-ATTACKS AWARENESS VIA MOBILE GAMIFICATION TECHNIQUES

2022 JOURNAL

18. GUIDELINES FOR GRADUATE STUDENTS? SUPERVISION(RESEARCH MODE) UNIVERSITI SAINS ISLAM MALAYSIA

2022 POLICY

19. REGULATIONS OF UNIVERSITI SAINS ISLAM MALAYSIA (GRADUATE STUDIES) 2007 (EDITION 2, AMENDMENT 2021)

2021 POLICY

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

2020 JOURNAL

21. THE PROGRESSIVE MULTILEVEL EMBEDDING METHOD FOR AUDIO STEGANOGRAPHY

2020 JOURNAL

22. SPAM AND THE ETHICS OF SPAMMING FROM AN ISLAMIC PERSPECTIVE

2019 CHAPTER IN BOOK

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

2017 JOURNAL

24. AWARENESS, KNOWLEDGE AND PERCEPTION OF ONLINE SPAM

2013 JOURNAL

25. A SURVEY OF AWARENESS, KNOWLEDGE AND PERCEPTION OF ONLINE SPAM

2012 PROCEEDING

26. STORAGE COST OF SPAM 2.0 IN A WEB DISCUSSION FORUM.

2011 PROCEEDING

27. KEY PARAMETERS IN IDENTIFYING COST OF SPAM 2.0

2010 PROCEEDING

28. FACTORS INVOLVED IN ESTIMATING COST OF EMAIL SPAM

2010 PROCEEDING

29. SPAM 2.0: THE PROBLEM AHEAD

2010 PROCEEDING

30. FACTORS INVOLVED IN ESTIMATING COST OF EMAIL SPAM

2010 CHAPTER IN BOOK

CONSULTATION/ADULATION

1. AHLI PERUNDING BAGI KERJA-KERJA PENGATURCARAAN SISTEM KIPLEPAY

2019 NATIONAL KIPLEPAY SDN BHD

2. PENGGUBAL SOALAN SAINS KOMPUTER SEMESTER II (SCS015)

2018 NATIONAL KEMENTERIAN PENDIDIKAN MALAYSIA

3. PENTAKSIR SOALAN SAINS KOMPUTER

2018 NATIONAL KEMENTERIAN PENDIDIKAN

4. PANEL PENILAI PROGRAM BACHELOR OF SCIENCE (HONS) COMPUTATIONAL MATHEMATICS (CS227/247)

2018 NATIONAL UNIVERSITI TEKNOLOGI MARA MALAYSIA (UITM)

5. PASUKAN TEKNIKAL TASK FORCE DISASTER RECOVERY CENTER

2018 UNIVERSITY USIM

AWARDS/RECOGNITION

1. STAF CONTOH BULANAN JANUARI 2025 (KATEGORI AKADEMIK & ANTARABANGSA)

2025 OTHERS

2. ANUGERAH PENERBITAN JURNAL BERINDEKS WOS/SCOPUS/MYCITE

2025 OTHERS

3. ANUGERAH PENERIMA BILANGAN GERAN TERBANYAK

2025 STATE

4. ANUGERAH PENERIMA GERAN PENYELIDIKAN

2025 OTHERS

5. ANUGERAH PEMFAILAN HARTA INTELEK

2025 OTHERS