

Profile Image

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MOHD**

PENSYARAH UNIVERSITI DS13

CONTACT

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Faculty: Kolej Permata Insan

SUPERVISION

PhD - Completed: 0, Ongoing: 1

Master - Completed: 1, Ongoing: 0

AREAS OF EXPERTISE

Classical And Quantum Physics

Other Theoretical And Computational Physics

Mathematics Software

Computer Security

Information, Computer And Communication Technologies

ACADEMIC QUALIFICATION

PhD in Industrial Computing (2017)

Master in Mathematics (2011)

Bachelor in Mathematics (2009)

RESEARCH

1. PROGRAM: INTEGRATING IOT IN MINI GREENHOUSE GARDEN PROTOTYPE FOR URBAN FARMING: A VIABLE SOLUTION FOR FOOD SECURITY IN MALAYSIA ; PROJEK: INTEGRATING IOT IN MINI GREENHOUSE GARDEN PROTOTYPE FOR URBAN FARMING: A VIABLE SOLUTION FOR FOOD SECURITY IN MALAYSIA

2024 GERAN PENYELIDIKAN TRANSLASIONAL ON GOING MAIN RESEARCHER

2. SPECIAL LINEAR GROUP CLASSIFICATION METHOD FOR MULTIPARTITE ENTANGLEMENT UNDER STOCHASTIC LOCAL OPERATIONS AND CLASSICAL COMMUNICATION (SLOCC) PROTOCOL FOR QUANTUM COMPUTING SYSTEM.

2021 GERAN KPT COMPLETED MAIN RESEARCHER

3. ADOPTING GAMIFICATION IN DELIVERING CRYPTOGRAPHY CONCEPT & IMAGING A TOUCHABLE 3D HOLOGRAPHIC DISPLAY FOR AUGMENTED REALITY: A PRACTICAL APPROACH FOR INTERACTIVE LEARNING

2018 GERAN PENYELIDIKAN HEADSTART PROGRAM COMPLETED MAIN RESEARCHER

PUBLICATION

1. PENTAKSIRAN PENDIDIKAN PINTAR DAN BERBAKAT INTEGRASI NAQLI DAN AQLI (IGED)

INTERNATIONAL JOURNAL OF EDUCATION, PSYCHOLOGY AND COUNSELING

2024 JOURNAL INDEXED IN MYCITE MAIN AUTHOR

2. THE PERFORMANCE OF THE 3DES AND FERNET ENCRYPTION IN SECURING DATA FILES

JOURNAL OF THEORETICAL & APPLIED INFORMATION TECHNOLOGY (JATIT)

2024 JOURNAL INDEXED BY SCOPUS MAIN AUTHOR

3. A CASE STUDY: THE SECONDARY STUDENTS OVERALL SATISFACTION ON ONLINE LEARNING

INDONESIAN JOURNAL OF INFORMATION SYSTEMS (IJIS)

2024 JOURNAL OTHER DATABASE MAIN AUTHOR

4. SMART FARMING ADOPTION ? A SCOPING REVIEW

KONFERENSI NASIONAL TEKNOLOGI INFORMASI (KONSTELASI 2024)

2024 PROCEEDING NON-INDEX MAIN AUTHOR

5. EMPOWERING THE SCHOLARSHIP OF TEACHING AND LEARNING (SOTL) TOWARDS SOCIETY 5.0

THE 1ST INTERNATIONAL CONFERENCE ON SCIENCE EDUCATION AND SCIENCES

2023 PROCEEDING NON-INDEX MAIN AUTHOR

6. ELECTROMAGNETIC WAVE REDUCTION OF MULTIWALLED CARBON NANOTUBES (MWCNT) MIXED NANOMETER COFE₂O₄ AT HIGHER FREQUENCY RANGE

MATERIALS TODAY: PROCEEDINGS

2022 JOURNAL INDEXED BY SCOPUS AND ERA MAIN AUTHOR

7. ELECTROMAGNETIC WAVE ABSORPTION PERFORMANCE OF CARBON NANOCOILS BY USING MIXED FERRITES AS CATALYST

ERZINCAN UNIVERSITY JOURNAL OF SCIENCE AND TECHNOLOGY

2022 JOURNAL OTHER DATABASE MAIN AUTHOR

8. A CASE STUDY ON AWARENESS TOWARDS RPG AS LEARNING AND TEACHING AID TOOL AMONG KOLEJ GENIUS INSAN STUDENTS

2ND INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE 2021 (IJURECON 2021)

2022 PROCEEDING NON-INDEX MAIN AUTHOR

9. THE STUDY ON AWARENESS OF KOLEJ GENIUS INSAN STUDENTS ABOUT EDUCATIONAL APPS USED IN TEACHING AND LEARNING

2ND INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE 2021(IJURECON 2021)

2022 PROCEEDING NON-INDEX MAIN AUTHOR

10. A MINI-REVIEW ON QUANTUM ENTANGLEMENT: A CORE RESOURCE IN QUANTUM COMPUTING

4-TH INTERNATIONAL CONFERENCE ON BUSINESS, EDUCATION, INNOVATION AND SOCIAL SCIENCES (ICBEISS 2022)

2022 PROCEEDING NON-INDEX MAIN AUTHOR

11. STUDY ON PYTHON AS A TOOL IN EDUCATION OF CRYPTOGRAPHY: AWARENESS AMONG SECONDARY SCHOOL STUDENTS

2ND INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE 2021(IJURECON 2021)

2022 PROCEEDING NON-INDEX MAIN AUTHOR

12. SATISFACTION OF KOLEJ GENIUS INSAN STUDENTS IN LEARNING HISTORY SUBJECT

2ND INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE 2021 (IJURECON 2021)

2022 PROCEEDING NON-INDEX MAIN AUTHOR

13. TREND ON GAMIFICATION APPROACH IN LEARNING AND TEACHING

2ND INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE 2021 (IJURECON 2021)

2022 PROCEEDING NON-INDEX MAIN AUTHOR

PUBLICATION

14. CRYPTOGRAPHY EXPOSURE AMONG SECONDARY SCHOOL STUDENTS

2ND INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE 2021 (IJURECON 2021)

2022 PROCEEDING NON-INDEX MAIN AUTHOR

15. EDUCATIONAL GAME FOR MATHEMATICS

3RD INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE 2022 (IJURECON 2022)

2022 PROCEEDING OTHER DATABASE MAIN AUTHOR

16. MINECRAFT-ED: LEARN ADDITIONAL MATHEMATICS VIA AN INTERACTIVE APPROACH

INTERNATIONAL COMPETITION AND EXHIBITION ON COMPUTING INNOVATION (ICE-CINNO) 2022

2022 PROCEEDING OTHER DATABASE MAIN AUTHOR

17. MATEMATIK TAMBAHAN

MODUL PENGAJARAN DAN PEMBELAJARAN SERTA PENTAKSIRAN BERSEPADU KURIKULUM PENDIDIKAN PINTAR BERBAKAT, INTEGRASI NAQLI DAN AQLI (IGED), ASAS 1

2022 CHAPTER IN BOOK MAIN AUTHOR

18. MATEMATIK TAMBAHAN

MODUL PENGAJARAN DAN PEMBELAJARAN SERTA PENTAKSIRAN BERSEPADU KURIKULUM PENDIDIKAN PINTAR BERBAKAT, INTEGRASI NAQLI DAN AQLI (IGED), TAHAP 1

2022 CHAPTER IN BOOK MAIN AUTHOR

19. E-PEMBELAJARAN ERP BERASASKAN WEB INTERAKTIF BAGI PELAJAR PROGRAM TEKNOLOGI MAKLUMAT UKM

KONGRES DAN PERTANDINGAN INOVASI DALAM PENGAJARAN DAN PEMBELAJARAN (KNOVASI) 2021 EVOLUSI KE ARAH PEMBELAJARAN TANPA SEMPADAN: LANGKAH KEHADAPAN

2021 PROCEEDING NON-INDEX MAIN AUTHOR

20. IMPACT OF VARIOUS IBM QUANTUM ARCHITECTURES WITH DIFFERENT PROPERTIES ON GROVERS ALGORITHM

INTERNATIONAL CONFERENCE ON ELECTRICAL ENGINEERING AND INFORMATICS 2021 (ICEEI)

([HTTPS://IEEEXPLORE.IEEE.ORG/XPL/CONHOME/9611036/PROCEEDING](https://ieeexplore.ieee.org/xpl/conhome/9611036/proceeding))

2021 PROCEEDING NON-INDEX MAIN AUTHOR

21. THE HELIOGRAPHIC TREASURE HUNT BOARD AND CLUES TO LEARN HISTORY AND CRYPTOGRAPHY: AN EXPERT REVIEW

INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE(IJURECON2020)

2021 PROCEEDING NON-INDEX MAIN AUTHOR

22. A PRELIMINARY STUDY IN IDENTIFYING COGNITIVE LEVEL IN UNDERSTANDING PROGRAMMING SUBJECT

INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE(IJURECON2020)

2021 PROCEEDING NON-INDEX MAIN AUTHOR

23. A CASE STUDY OF IN IDENTIFYING THE PERCEPTION IN CRYPTON HEROES

INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE(IJURECON2020)

2021 PROCEEDING NON-INDEX MAIN AUTHOR

24. A REVIEW ON DEMOGRAPHIC DISTRIBUTION OF ONLINE GAME PLAYERS

INSAN JUNIOR RESEARCHER INTERNATIONAL CONFERENCE 2020

2021 PROCEEDING NON-INDEX MAIN AUTHOR

25. TEKNOLOGI KOMPUTER QUANTUM: PENGKELASAN KETERBELITAN SISTEM TIGA QUBIT

2021 BOOK MAIN AUTHOR

26. CLOUD QUANTUM COMPUTING: NEW PLATFORM FOR ACTIVE LEARNING

ACTIVE LEARNING IN EDUCATION 4.0: STUDENTS AS OWNERS OF LEARNING.

2021 CHAPTER IN BOOK MAIN AUTHOR

PUBLICATION

27. DECISION-MAKING ANALYSIS USING ARDUINO-BASED ELECTROENCEPHALOGRAPHY (EEG): AN EXPLORATORY STUDY FOR MARKETING STRATEGY

INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS (IJACSA)

2020 JOURNAL SCOPUS MAIN AUTHOR

28. INVESTIGATION WITH GIFTED STUDENTS IN LEARNING PHYSICS CONCEPT BASED ON COGNITIVE STRUCTURE

JOURNAL OF COMPUTATIONAL AND THEORETICAL NANOSCIENCE

2020 JOURNAL SCOPUS MAIN AUTHOR

29. ENTANGLEMENT CLASSIFICATION FOR A THREE-QUBIT SYSTEM USING SPECIAL UNITARY GROUPS, $SU(2)$ AND $SU(4)$

INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS (IJACSA)

2019 JOURNAL WOS MAIN AUTHOR

30. A 3D HOLOGRAPHIC DISPLAY FOR AUGMENTED REALITY: A PRACTICAL APPROACH FOR INTERACTIVE LEARNING OF PHYSICS

THE INTERNATIONAL COMPETITION AND EXHIBITION ON COMPUTING INNOVATION (ICE-CINNO)

2019 PROCEEDING NON-INDEX MAIN AUTHOR

31. A CASE STUDY IN IDENTIFYING THE LEVEL OF THINKING ABILITY IN PHYSICS SUBJECT AMONG SECONDARY SCHOOL STUDENTS

3RD ASIA INTERNATIONAL MULTIDISCIPLINARY CONFERENCE (AIMC 2019)

2019 PROCEEDING NON-INDEX MAIN AUTHOR

32. CURRENT QUANTUM COMPUTER: ENTANGLEMENT MEASUREMENT

INNOVATION FOR SUSTAINABILITY AND GREEN TECHNOLOGY: DEGRADATION OF INANIMATE FORMS

2019 CHAPTER IN BOOK MAIN AUTHOR

33. ENTANGLEMENT CLASSIFICATION FOR A THREE-QUBIT SYSTEM USING SPECIAL UNITARY GROUPS, $SU(2)$ AND $SU(4)$

THE 4TH INTERNATIONAL MULTI-CONFERENCE ON ARTIFICIAL INTELLIGENCE TECHNOLOGY (M-CAIT 2018)

2018 PROCEEDING NON-INDEX MAIN AUTHOR

34. THE POWER OF QUANTUM COMPUTER AND ITS LIMITATIONS

INTERNATIONAL JOURNAL OF ENGINEERING SCIENCES & RESEARCH TECHNOLOGY

2017 JOURNAL OTHER DATABASE MAIN AUTHOR

35. A FRAMEWORK OF METHODS CLASSIFICATION FOR MULTIPARTITE ENTANGLEMENT

JOURNAL OF THEORETICAL AND APPLIED INFORMATION TECHNOLOGY

2015 JOURNAL SCOPUS MAIN AUTHOR

36. CLASSIFICATION BY OPERATIONAL METHOD FOR TRIPARTITE ENTANGLEMENT

THE 3RD NATIONAL DOCTORAL SEMINAR ON ARTIFICIAL INTELLIGENCE TECHNOLOGY

2014 PROCEEDING NON-INDEX MAIN AUTHOR

37. CRITICAL REVIEW OF MEASUREMENT FOR MULTIPARTITE ENTANGLEMENT: DETECTION AND QUANTIFICATION

REGIONAL CONFERENCE ON SCIENCE, TECHNOLOGY AND SOCIAL SCIENCES (RCSTSS 2014)

2014 CHAPTER IN BOOK MAIN AUTHOR

38. SEPARABILITY CRITERIA AND METHOD OF MEASUREMENT FOR ENTANGLEMENT

THE 3RD INTERNATIONAL CONFERENCE ON MATHEMATICAL SCIENCES, ICMS3 2013

2013 PROCEEDING NON-INDEX MAIN AUTHOR

AWARDS/RECOGNITION

1. ANUGERAH INOVASI TERBAIK

2024

UNIVERSITY

2. ANUGERAH PENYELIDIK CEMERLANG (JURNAL ARTIKEL TERBAIK)

2024

UNIVERSITY

3. ANUGERAH PENULIS BUKU ILMIAH TERBAIK

2024

UNIVERSITY

4. ANUGERAH PENULIS CEMERLANG BULANAN

2024

UNIVERSITY

5. ANUGERAH PENULIS JURNAL CEMERLANG

2024

UNIVERSITY