



DR. SITI MUNIRAH BINTI MOHD

PENSYARAH UNIVERSITI DS13

CONTACT

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Address: Kolej Permata
Insan

SUPERVISION

PhD - Completed: 0, Ongoing: 1

Master - Completed: 1, Ongoing: 0

AREAS OF EXPERTISE

Quantum Computing

Mathematics For Quantum Theory

Educational Technology

BIOGRAPHY

A lecturer from Kolej Permata Insan. Holds a Phd in Industrial Computing.

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 MALAYSI

2024 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 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 COMPLETED MAIN RESEARCHER

PUBLICATION

1. ENHANCING CRYPTOGRAPHY LEARNING THROUGH MULTIMEDIA BASED INSTRUCTION: INSIGHTS FROM STUDENT PERCEPTIONS ON GATHER PLATFORM

2025 JOURNAL

2. AWARENESS OF PERMATA@PINTAR NEGARA CENTRE STUDENTS ABOUT BINGO GAME AS AID TOOL IN TEACHING AND LEARNING

2025 PROCEEDING

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

2024 JOURNAL

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

2024 JOURNAL

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

2024 JOURNAL

6. SMART FARMING ADOPTION ? A SCOPING REVIEW

2024 PROCEEDING

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

2023 PROCEEDING

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

2022 JOURNAL

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

2022 JOURNAL

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

2022 PROCEEDING

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

2022 PROCEEDING

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

2022 PROCEEDING

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

2022 PROCEEDING

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

2022 PROCEEDING

15. TREND ON GAMIFICATION APPROACH IN LEARNING AND TEACHING

2022 PROCEEDING

16. CRYPTOGRAPHY EXPOSURE AMONG SECONDARY SCHOOL STUDENTS

2022 PROCEEDING

17. EDUCATIONAL GAME FOR MATHEMATICS

2022 PROCEEDING

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

2022 PROCEEDING

19. MATEMATIK TAMBAHAN

2022 CHAPTER IN BOOK

20. MATEMATIK TAMBAHAN

2022 CHAPTER IN BOOK

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

2021 PROCEEDING

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

2021 PROCEEDING

23. THE HELIOGRAFIC TREASURE HUNT BOARD AND CLUES TO LEARN HISTORY AND CRYPTOGRAPHY: AN EXPERT REVIEW

2021 PROCEEDING

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

2021 PROCEEDING

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

2021 PROCEEDING

26. A REVIEW ON DEMOGRAPHIC DISTRIBUTION OF ONLINE GAME PLAYERS

2021 PROCEEDING

27. TEKNOLOGI KOMPUTER QUANTUM: PENGKELASAN KETERBELITAN SISTEM TIGA QUBIT

2021 BOOK

28. CLOUD QUANTUM COMPUTING: NEW PLATFORM FOR ACTIVE LEARNING

2021 CHAPTER IN BOOK

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

2020 JOURNAL

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

2020 JOURNAL

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

2019 JOURNAL

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

2019 PROCEEDING

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

2019 PROCEEDING

34. CURRENT QUANTUM COMPUTER: ENTANGLEMENT MEASUREMENT

2019 CHAPTER IN BOOK

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

2018 PROCEEDING

36. THE POWER OF QUANTUM COMPUTER AND ITS LIMITATIONS

2017 JOURNAL

37. A FRAMEWORK OF METHODS CLASSIFICATION FOR MULTIPARTITE ENTANGLEMENT

2015 JOURNAL

38. CLASSIFICATION BY OPERATIONAL METHOD FOR TRIPARTITE ENTANGLEMENT

2014 PROCEEDING

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

2014 CHAPTER IN BOOK

40. SEPARABILITY CRITERIA AND METHOD OF MEASUREMENT FOR ENTANGLEMENT

2013 PROCEEDING

AWARDS/RECOGNITION

1. WRITER OF THE MONTH

2025 UNIVERSITY

2. WRITER OF THE MONTH

2025 UNIVERSITY

3. WRITER OF THE MONTH

2025 UNIVERSITY

4. STAF CONTOH (KATEGORI AKADEMIK)

2025 UNIVERSITY

5. ACADEMIC ADVISOR

2025 INTERNATIONAL