Profile Image

DR. SITI MUNIRAH BINTI MOHD

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CONTACT

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Faculty: Kolej Permata Insan

SUPERVISION

PhD - Completed: 0, O...
1

Master - Completed: 1, Ongoing: 0

AREAS OF EXPERTISE

Quantum Computing

Mathematics For Quantum Theory

Educational Technology

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` `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)

`2021` `PROCEEDING` `NON-INDEX` `MAIN AUTHOR`

21. THE HELIOGRAFHIC 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`