

Profile Image

DR. NURHIDAYA BINTI MOHAMAD JAN

PENSYARAH UNIVERSITI DS13

CONTACT

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Faculty: Kolej Permata Insan

SUPERVISION

PhD - Completed: 0, Ongoing: 0

Master - Completed: 0, Ongoing: 0

AREAS OF EXPERTISE

Educational Material And Media, And Educational Technology

Mathematical Sciences

Education

Computational Mathematics

ACADEMIC QUALIFICATION

PhD in (mathematics) (2017)

Bachelor in (mathematics) (2012)

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: USABILITY EVALUATION AND USER AWARENESS

2024 GERAN PENYELIDIKAN TRANSLASIONAL ON GOING MAIN RESEARCHER

2. USING AL-QURAN AND GAME KIT FOR ENTHUSIASTIC AND INTERACTIVE LEARNING IN ADDITIONAL MATHEMATICS CLASSROOM

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 MYCITE MAIN AUTHOR

2. 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

3. 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

4. EDUCATIONAL GAME FOR MATHEMATICS

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

2022 PROCEEDING OTHER DATABASE MAIN AUTHOR

5. ADDITIONAL MATHEMATICS SUBJECT: DR NURHIDAYA MOHAMAD JAN

MODUL PENGAJARAN DAN PEMBELAJARAN SERTA PENTAKSIRAN BERSEPADU KURIKULUM PENDIDIKAN PINTAR BERBAKAT, INTEGRASI NAQLI DAN AQLI (IGED) TAHAP 2 HAMZAH

2022 CHAPTER IN BOOK MAIN AUTHOR

6. ADDITIONAL MATHEMATICS SUBJECT: DR NURHIDAYA MOHAMAD JAN

MODUL PENGAJARAN & PEMBELAJARAN SERTA PENTAKSIRAN BERSEPADU KURIKULUM PENDIDIKAN PINTAR BERBAKAT, INTEGRASI NAQLI DAN AQLI (IGED) KOLEJ GENIUS INSAN (ASAS 2)

2022 CHAPTER IN BOOK MAIN AUTHOR

7. ADDITIONAL MATHEMATICS SUBJECT: DR NURHIDAYA MOHAMAD JAN

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

2022 CHAPTER IN BOOK MAIN AUTHOR

8. ADDITIONAL MATHEMATICS SUBJECT: DR NURHIDAYA MOHAMAD JAN

MODUL PENGAJARAN & PEMBELAJARAN SERTA PENTAKSIRAN BERSEPADU KURIKULUM PENDIDIKAN PINTAR BERBAKAT, INTEGRASI NAQLI DAN AQLI (IGED) KOLEJ GENIUS INSAN (TAHAP 2)

2022 CHAPTER IN BOOK MAIN AUTHOR

9. INTEGRATED ASSESSMENT OF BAHASA MELAYU, MATHEMATICS, AND VISUAL ART SUBJECTS FOR SCHOOL STUDENTS

INTERNATIONAL VIRTUAL CONFERENCE ON LIBERAL STUDIES 2021 (ICITRA 2021)

2021 PROCEEDING NON-INDEX MAIN AUTHOR

10. NONI'S ADVENTURE ONLINE GAME

INSAN JUNIOR RESEARCHER INTERNATIONAL CONFERENCE 2020

2021 PROCEEDING NON-INDEX MAIN AUTHOR

11. FLIPPITY IN ADDITIONAL MATHEMATICS CLASS

ACTIVE LEARNING IN EDUCATION 4.0: STUDENTS AS OWNERS OF LEARNING

2021 CHAPTER IN BOOK MAIN AUTHOR

12. WATSON-CRICK PETRI NET AND ITS STRUCTURAL PROPERTIES

INNOVATION FOR SUSTAINABILITY AND GREEN TECHNOLOGY: DEGRADATION OF INANIMATE FORMS

2019 CHAPTER IN BOOK MAIN AUTHOR

13. CLOSURE PROPERTIES OF WATSON-CRICK PETRI NET

AIP CONFERENCE PROCEEDINGS

2018 JOURNAL SCOPUS MAIN AUTHOR

PUBLICATION

14. STATE MACHINE OF PLACE-LABELLED PETRI NET CONTROLLED GRAMMARS

MALAYSIAN JOURNAL OF FUNDAMENTAL AND APPLIED SCIENCES

2018 JOURNAL WOS MAIN AUTHOR

15. PLACE-LABELED PETRI NET CONTROLLED GRAMMARS

SCIENCEASIA

2017 JOURNAL SCOPUS MAIN AUTHOR

16. CLOSURE PROPERTIES OF WATSON-CRICK PETRI NET

SIMPOSIUM KEBANGSAAN SAINS MATEMATIK KE-25

2017 PROCEEDING NON-INDEX MAIN AUTHOR

17. K-WATSON-CRICK PETRI NET CONTROLLED GRAMMARS

INTERNATIONAL JOURNAL OF APPLIED MATHEMATICS AND STATISTICS (IJAMAS)

2015 JOURNAL WOS MAIN AUTHOR

18. LANGUAGES OF WATSON-CRICK PETRI NET

JURNAL TEKNOLOGI (SCIENCES & ENGINEERING) SPECIAL ISSUE IN SCIENCE AND TECHNOLOGY

2014 JOURNAL SCOPUS MAIN AUTHOR

19. A NEW VARIANT OF PETRI NET CONTROLLED GRAMMARS

22ND NATIONAL SYMPOSIUM ON MATHEMATICAL SCIENCES (SKSM 22)

2014 PROCEEDING NON-INDEX MAIN AUTHOR

20. REVERSE WATSON-CRICK PETRI NETS

2ND INTERNATIONAL SCIENCE POSTGRADUATE CONFERENCE 2014 (ISPC 2014)

2014 PROCEEDING NON-INDEX MAIN AUTHOR

21. WATSON-CRICK PETRI NET LANGUAGES WITH FINITE SETS OF FINAL MARKINGS

3RD INTERNATIONAL CONFERENCE ON MATHEMATICAL SCIENCES (ICMS3)

2013 PROCEEDING NON-INDEX MAIN AUTHOR

22. WATSON-CRICK PETRI NET LANGUAGES: THE EFFECT OF LABELLING STRATEGIES

21ST NATIONAL SYMPOSIUM ON MATHEMATICAL SCIENCES (SKSM 21)

2013 PROCEEDING NON-INDEX MAIN AUTHOR

23. REGULAR LANGUAGES, REGULAR GRAMMARS AND AUTOMATA IN SPLICING SYSTEMS

20TH NATIONAL SYMPOSIUM ON MATHEMATICAL SCIENCES (SKSM 20)

2012 PROCEEDING NON-INDEX MAIN AUTHOR

AWARDS/RECOGNITION

1. ANUGERAH PENYELIDIK CEMERLANG (JURNAL ARTIKEL TERBAIK) FEBRUARI 2024

2024 OTHERS

2. ANUGERAH PENYELIDIK TERBAIK

2024 OTHERS

3. ANUGERAH PENULIS BUKU CEMERLANG (NOVEMBER 2024)

2024 OTHERS

4. ANUGERAH PENULIS JURNAL CEMERLANG (JUN 2024)

2024 OTHERS

5. ANUGERAH PENULIS JURNAL CEMERLANG (MEI 2024)

2024 OTHERS