

Profile Image

DR. NORAZLINA BINTI SUBANI

PENSYARAH UNIVERSITI DS13

CONTACT

Phone: 80140

E-mail:

norazlina.subani@usim.edu.my

Faculty: Kolej Permata
Insan

SUPERVISION

PhD - Completed: 0, Ongoing: 0

Master - Completed: 0,
Ongoing: 0

AREAS OF EXPERTISE

Education And Instruction In Mathematics

Calculus

Elementary Algebra

ACADEMIC QUALIFICATION

PhD in Matematik (2017)

Master in Matematik (2012)

Bachelor in Matematik (2010)

RESEARCH

1. NAQLI APPROACHES ON MATHEMATICAL THINKING AMONG GIFTED AND TALENTED MUSLIM STUDENTS

2024

GERAN PENYELIDIKAN PUSAT TANGGUNGJAWAB (PTJ)

ON GOING

MAIN RESEARCHER

2. PEMBANGUNAN PEMPROFILAN KECENDERONGAN MURID PINTAR BERBAKAT MUSLIM KOLEJ PERMATA INSAN

2024

GERAN PENYELIDIKAN PUSAT TANGGUNGJAWAB (PTJ)

ON GOING

MAIN RESEARCHER

3. MATHEMATICS CASE STUDY: SPM TRIAL AND SPM AMONG GIFTED AND TALENTED STUDENTS IN KOLEJ PERMATA INSAN

2024

GERAN PENYELIDIKAN PUSAT TANGGUNGJAWAB (PTJ)

ON GOING

CO-RESEARCHER

4. MAPPING THE TENDENCIES OF SCIENCE AND MEMORIZATION OF THE QURAN AMONG GIFTED AND TALENTED MUSLIMS STUDENTS

2021

GERAN PENYELIDIKAN KHAS

COMPLETED

MAIN RESEARCHER

5. NUMERICAL CODES OF HYBRID METHODS FOR INTEGRATED MODEL IN TRANSPORTATION OPERATION PLANNING

2019

GERAN PENYELIDIKAN USIM

COMPLETED

CO-RESEARCHER

PUBLICATION

1. INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE (IJURECON 2024)

INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE (IJURECON 2024)

2024 PROCEEDING NON-INDEX EDITOR

2. MEREKA BENTUK INFOGRAFIK BAGI NOMBOR 4 DALAM ALQURAN BERKENAAN PENYAKSIAN TUDUHAN ZINA (QAZAF)

INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE 2023 (IJURECON 2023)

2023 PROCEEDING OTHER DATABASE CO-AUTHOR

3. THE EFFECTIVENESS OF AL-KHAWARIZMI MODULE BASED ON NUMBERS AMONG GIFTED AND TALENTED MUSLIM STUDENTS

INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE 2023 (IJURECON 2023)

2023 PROCEEDING OTHER DATABASE MAIN AUTHOR

4. G-MATH DEVELOPMENT TO ENHANCE MATHEMATICS LEARNING AMONG GIFTED AND TALENTED MUSLIM STUDENTS

INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE 2023 (IJURECON 2023)

2023 PROCEEDING OTHER DATABASE MAIN AUTHOR

5. DEVELOPMENT OF AL-KHAWARIZMI NUMBER BASE MODULE FOR GIFTED AND TALENTED MUSLIM STUDENTS

INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE 2023 (IJURECON 2023)

2023 PROCEEDING OTHER DATABASE MAIN AUTHOR

6. GENETIC FACTORS INFLUENCE LEFT-HANDED AMONG GIFTED AND TALENTED MUSLIM STUDENTS

INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE 2023 (IJURECON 2023)

2023 PROCEEDING OTHER DATABASE MAIN AUTHOR

7. STEM IN MARS BASE: 3D DIGITAL GAMIFICATION

INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE 2023 (IJURECON 2023)

2023 PROCEEDING OTHER DATABASE MAIN AUTHOR

8. THE CONCEPT OF TRANSFORMATION ON PANDAN MAT WEAVING ART

INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE 2022 (IJURECON 2022)

2022 PROCEEDING MYCITE MAIN AUTHOR

9. TESSELLATION ON PATTERN OF KELARAI KEPALA GAJAH IN PANDAN MAT WEAVING ART

INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE 2022 (IJURECON)

2022 PROCEEDING MYCITE MAIN AUTHOR

10. MENGENALPASTI KECENDERUNGAN MINAT MURID PINTAR DAN BERBAKAT MUSLIM DALAM BIDANG SAINS

INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE 2022 (IJURECON 2022)

2022 PROCEEDING NON-INDEX MAIN AUTHOR

11. BOOK OF E-POSTER INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE 2022

2022 BOOK EDITOR

12. LAPORAN TAHUNAN 2021 KOLEJ GENIUS INSAN

2022 BOOK EDITOR

13. BAB 5: KGI DI PERSADA DUNIA (KEJAYAAN ALUMNI KGI)

LAPORAN TAHUNAN 2021 KOLEJ GENIUS INSAN

2022 CHAPTER IN BOOK MAIN AUTHOR

PUBLICATION

14. MODUL MATEMATIK TAHAP 1 HAMZAH

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

2022 CHAPTER IN BOOK MAIN AUTHOR

15. MODUL MATEMATIK TAMBAHAN TAHAP 1 HAMZAH

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

2022 CHAPTER IN BOOK MAIN AUTHOR

16. MODUL MATEMATIK TAHAP 1 ALI

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

2022 CHAPTER IN BOOK MAIN AUTHOR

17. MODUL MATEMATIK TAHAP 2

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

2022 CHAPTER IN BOOK MAIN AUTHOR

18. MODUL MATEMATIK TAHAP 2 HAMZAH

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

2022 CHAPTER IN BOOK MAIN AUTHOR

19. PENULIS POLISI AKADEMIK KOLEJ GENIUS INSAN

2022 POLICY

20. EXPLORING GIFTED AND TALENTED MUSLIMS STUDENT'S PERFORMANCE USING GEOGEBRA IN TEACHING AND LEARNING MATHEMATICS

MALIM: JURNAL PENGAJIAN UMUM ASIA TENGGARA

2021 JOURNAL OTHER DATABASE CORRESPONDING AUTHOR

21. ANALYSIS OF DIFFERENT BOUNDARY CONDITIONS ON HOMOGENEOUS ONE-DIMENSIONAL HEAT EQUATION

MALAYSIAN JOURNAL OF SCIENCE HEALTH & TECHNOLOGY

2021 JOURNAL OTHERS DATABASE CORRESPONDING AUTHOR

22. COMPARISON OF HOMOGENEOUS AND NON-HOMOGENEOUS ONE DIMENSIONAL HEAT EQUATION

INSAN JUNIOR RESEARCHER INTERNATIONAL CONFERENCE (IJURECON) 2020

2021 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

23. NUMERICAL SOLUTION OF HOMOGENEOUS ONE-DIMENSIONAL HEAT EQUATION USING CRANK-NICOLSON METHOD

INSAN JUNIOR RESEARCHER INTERNATIONAL CONFERENCE (IJURECON) 2020

2021 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

24. EXPLORING GIFTED AND TALENTED MUSLIMS STUDENT'S PERFORMANCE USING GEOGEBRA IN TEACHING AND LEARNING MATHEMATICS

INTERNATIONAL VIRTUAL CONFERENCE ON LIBERAL STUDIES (I-CITRA) 2021

2021 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

25. LAPORAN TAHUNAN 2020 KOLEJ GENIUS INSAN

2021 BOOK CHIEF EDITOR

26. PROCEEDING IJURECON 2020: INSAN JUNIOR RESEARCHER CONFERENCE

2021 BOOK EDITOR

PUBLICATION

27. E-PROCEEDING INSAN JUNIOR RESEARCHER CONFERENCE IJURECON 2020

2021 BOOK EDITOR

28. THE EFFECTIVENESS OF FLIPPED CLASSROOM IN TEACHING MATHEMATICS FOR STUDENTS: A REVIEW OF LITERATURE

ACTIVE LEARNING IN EDUCATION 4.0 STUDENTS AS OWNERS OF LEARNING

2021 CHAPTER IN BOOK MAIN AUTHOR

29. COMPARISON OF TWO HYBRID ALGORITHMS ON INCORPORATED AIRCRAFT ROUTING AND CREW PAIRING PROBLEMS

INDONESIAN JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCE

2020 JOURNAL SCOPUS CO-AUTHOR

30. ANALYSIS OF DIFFERENT BOUNDARY CONDITIONS ON HOMOGENEOUS ONE-DIMENSIONAL HEAT EQUATION

SYNERGIZING INNOVATION AND RESEARCH THROUGH SCIENCE AND TECHNOLOGY (KOSIST 2020) POSTGRADUATE SEMINAR FACULTY OF SCIENCE AND TECHNOLOGY

2020 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

31. ANALYTICAL SOLUTION OF NON-HOMOGENEOUS ONE-DIMENSIONAL HEAT EQUATION WITH DIFFERENT BOUNDARY CONDITIONS

INTERNATIONAL SCIENCE AND SOCIAL SCIENCE INNOVATION COMPETITION (I-SIC 2019)

2019 PROCEEDING NON-INDEX MAIN AUTHOR

32. ANALYTICAL SOLUTION OF HOMOGENEOUS ONE-DIMENSIONAL HEAT EQUATION WITH NEUMANN BOUNDARY CONDITIONS

2ND INTERNATIONAL CONFERENCE ON RECENT ADVANCEMENTS IN SCIENCE AND TECHNOLOGY (ICORAST2019)

2019 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

33. LEAK DETECTION OF NON-ISOTHERMAL TRANSIENT FLOW OF HYDROGEN-NATURAL GAS MIXTURE

JOURNAL OF LOSS PREVENTION IN THE PROCESS INDUSTRIES

2017 JOURNAL WOS MAIN AUTHOR

34. THE EFFECT OF MASS RATIO ON THE FLOW CHARACTERISTICS OF HYDROGEN-NATURAL GAS MIXTURE USING REDUCED ORDER MODELLING

MALAYSIAN JOURNAL OF FUNDAMENTAL AND APPLIED SCIENCES

2017 JOURNAL SCOPUS MAIN AUTHOR

35. ANALYSIS OF WATER HAMMER WITH DIFFERENT CLOSING VALVE LAWS ON TRANSIENT FLOW OF HYDROGEN-NATURAL GAS MIXTURE

ABSTRACT AND APPLIED ANALYSIS

2015 JOURNAL SCOPUS MAIN AUTHOR

CONSULTATION

1. PENYELARAS PROGRAM BAITI JANNATI KOLEJ PERMATA INSAN TAHUN 2023

KOLEJ PERMATA INSAN

2023

UNIVERSITY

2. PEMEGANG AMANAH BANTUAN KEBAJIKAN B40 KOLEJ GENIUS INSAN

KOLEJ GENIUS INSAN, UNIVERSITI SAINS ISLAM MALAYSIA

2021

UNIVERSITY

AWARDS/RECOGNITION

1. TEMPAT PERTAMA PERTANDINGAN ANYAMAN KETUPAT SAMBUTAN HARI RAYA DAN HARI GURU KOLEJ PERMATA INSAN 2024

2024 UNIVERSITY

2. ANUGERAH PENULIS BUKU CEMERLANG

2024 UNIVERSITY

3. ANUGERAH KECEMERLANGAN AKADEMIK MATA PELAJARAN MATEMATIK KOLEJ PERMATA INSAN SPM 2023

2024 STATE

4. ANUGERAH INOVASI TERBAIK APRIL 2024

2024 UNIVERSITY

5. ANUGERAH INOVASI TERBAIK NOVEMBER 2024

2024 UNIVERSITY

6. ANUGERAH INOVASI TERBAIK OKTOBER 2024

2024 UNIVERSITY

7. ANUGERAH PENULIS JURNAL CEMERLANG OGOS 2024

2024 UNIVERSITY

8. ANUGERAH PENULIS JURNAL CEMERLANG OKTOBER 2024

2024 UNIVERSITY

9. ANUGERAH JURI TERBAIK OKTOBER 2024

2024 UNIVERSITY

10. ANUGERAH PENYELIDIK TERBAIK

2024 UNIVERSITY

11. RELATIONSHIPS BETWEEN MATHEMATICS AND MUSICS USING KALIMBA IN TADABBUR

INTERNATIONAL INVENTION, INNOVATION AND DESIGN COMPETITION 2024

2024 ANTARABANGSA BRONZE

12. PUZZLE DIGITAL CHALLENGE FOR GIFTED AND TALENTED MUSLIM STUDENTS

International Language and Education Innovation Competition 2024 (i-INNOLED 2024)

2024 ANTARABANGSA GOLD

13. AL-KHARIZMI COMPLEX NUMBER MODULE AS A NEW APPROACH OF MATHEMATICS LEARNING

Apprentice Innovation & Research Exhibition 2024 (AIREx 2024)

2024 KEBANGSAAN BRONZE

14. IMPACT OF GAMIFICATION IN MATHEMATICS AMONG GIFTED AND TALENTED MUSLIM STUDENTS

Apprentice Innovation & Research Exhibition 2024 (AIREx 2024)

2024 KEBANGSAAN BRONZE

AWARDS/RECOGNITION

15. RPG GAMIFICATION AS A CATALYST FOR MATHEMATICS ENTHUSIASM

Apprentice Innovation & Research Exhibition 2024 (AIREx 2024)

2024 KEBANGSAAN SILVER

16. GAMIFICATION OF PUZZLE DIGITAL GAME AMONG GIFTED AND TALENTED MUSLIM STUDENTS

Apprentice Innovation & Research Exhibition 2024 (AIREx 2024)

2024 KEBANGSAAN SILVER

17. GAMIFICATION ON ALGEBRAIC ADVENTURE AS A CATALYST FOR MATHEMATICS ENTHUSIASM

SMART INNOVATION COMPETITION 2024 INTERNATIONAL LEVEL

2024 ANTARABANGSA BRONZE

18. MORS (GAMIFICATION IN EDUCATION)

INSAN JUNIOR RESEARCHER INTERNATIONAL CONFERENCE (IJURECON 2024)

2024 ANTARABANGSA GOLD

19. MODELING OF ISTIWA ADZAM IN DETERMINING THE DIRECTION OF QIBLA

INSAN JUNIOR RESEARCHER INTERNATIONAL CONFERENCE (IJURECON 2024)

2024 ANTARABANGSA SILVER

20. INNOVATIVE GAMIFICATION TECHNIQUES TO ADVANCE MATHEMATICAL SKILLS AMONG GIFTED AND TALENTED LEARNERS

INSAN JUNIOR RESEARCHER INTERNATIONAL CONFERENCE (IJURECON 2024)

2024 ANTARABANGSA BRONZE

21. INTERACTIVE DIGITAL GAME IN TEACHING AND LEARNING MATHEMATICS FOR GIFTED AND TALENTED MUSLIM STUDENTS

INSAN JUNIOR RESEARCHER INTERNATIONAL CONFERENCE (IJURECON 2024)

2024 ANTARABANGSA SILVER

22. LEVERAGING GAMIFICATION TO ENHANCE MATHEMATICS LEARNING FOR GIFTED AND TALENTED STUDENTS

INSAN JUNIOR RESEARCHER INTERNATIONAL CONFERENCE (IJURECON 2024)

2024 ANTARABANGSA BRONZE

23. ANUGERAH PERKHIDMATAN CEMERLANG TAHUN 2022

2023 UNIVERSITY

24. ACADEMIC ADVISOR

UNIVERSITI SAINS ISLAM MALAYSIA

2023 OTHERS

25. GENETIC FACTORS INFLUENCE LEFT-HANDED AMONG GIFTED AND TALENTED MUSLIM STUDENTS

Insan Junior Researchers International Conference (IJURECON 2023)

2023 ANTARABANGSA GOLD

26. DEVELOPMENT OF AL-KHAWARIZMI NUMBER BASE MODULE FOR GIFTED AND TALENTED MUSLIM STUDENTS

Insan Junior Researchers International Conference (IJURECON 2023)

2023 ANTARABANGSA GOLD

27. THE EFFECTIVENESS OF AL-KHAWARIZMI MODULE BASED ON NUMBERS AMONG GIFTED AND TALENTED MUSLIM STUDENTS

Insan Junior Researchers International Conference (IJURECON 2023)

2023 ANTARABANGSA GOLD

28. STEM IN MARS BASE: 3D DIGITAL GAMIFICATION

Insan Junior Researchers International Conference (IJURECON 2023)

2023

ANTARABANGSA

GOLD

AWARDS/RECOGNITION

29. G-MATH DEVELOPMENT TO ENHANCE MATHEMATICS LEARNING AMONG GIFTED AND TALENTED MUSLIM STUDENTS

Insan Junior Researchers International Conference (IJURECON 2023)

2023 ANTARABANGSA GOLD

30. MEREKA BENTUK INFOGRAFIK BAGI NOMBOR 4 DALAM ALQURAN BERKENAANPENYAKSIAN TUDUHAN ZINA (QAZAF)

Insan Junior Researchers International Conference (IJURECON 2023)

2023 ANTARABANGSA BRONZE

31. ANUGERAH TOKOH AKADEMIK CEMERLANG KOLEJ GENIUS INSAN TAHUN 2022

2022 UNIVERSITY

32. ANUGERAH KECEMERLANGAN AKADEMIK LONJAKAN SAUJANA MATEMATIK SIJIL PELAJARAN MALAYSIA (SPM) TAHUN 2020

2022 NATIONAL

33. MATHEMATICS IN QURAN

INTERNATIONAL UNIVERSITY CARNIVAL ON E-LEARNING (IUCEL 2022)

2022 ANTARABANGSA BRONZE

34. MATHS-Q WEB-BASED LEARNING FOR STREAM APPROACH

The Virtual International e-Content Development Competiiton 2022 (ECONDEV)

2022 ANTARABANGSA SILVER

35. KECENDERUNGAN MINAT MURID PINTAR DAN BERBAKAT MUSLIM DALAM BIDANG SAINS

INTERNATIONAL CONFERENCE 2022 (IJURECON 2022)

2022 ANTARABANGSA GOLD

36. THE CONCEPT OF TRANSFORMATION ON PANDAN MAT WEAVING ART

INTERNATIONAL CONFERENCE 2022 (IJURECON 2022)

2022 ANTARABANGSA GOLD

37. TESSELTION ON PATTERN OF KELARAI KEPALA GAJAH IN PANDAN MAT WEAVING ART

INTERNATIONAL CONFERENCE 2022 (IJURECON 2022)

2022 ANTARABANGSA GOLD

38. KEBERKESANAN MODUL AL-KHAWARIZMI ASAS NOMBOR DALAM KALANGAN MURID PINTAR CERDAS MUSLIM

INTERNATIONAL CONFERENCE 2022 (IJURECON 2022)

2022 ANTARABANGSA GOLD

39. KECENDERUNGAN MINAT MURID PINTAR DAN BERBAKAT MUSLIM DALAM BIDANG SAINS

INTERNATIONAL CONFERENCE 2022 (IJURECON 2022)

2022 ANTARABANGSA GOLD

40. STAF CONTOH (KATEGORI AKADEMIK) KOLEJ GENIUS INSAN MEI 2021

2021 UNIVERSITY

41. MATHEMATICS IN QURAN: BUILDING A SYSTEMATIC ONLINE IGED RESOURCE CENTER

THE VIRTUAL INTERNATIONAL E-CONTENT DEVELOPMENT COMPETITION 2021 (ECONDEV)

2021 ANTARABANGSA BRONZE

42. ENHANCE THE UNDERSTANDING OF GIFTED AND TALENTED MUSLIMS STUDENTS ON QUADRATIC FUNCTIONS USING GEOGEBRA

INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE (IJURECON2021)

2021 KEBANGSAAN GOLD

AWARDS/RECOGNITION

43. BRONZE AWARD FOR MOOC ENTITLED MATHEMATICS IN QURAN AT THE VIRTUAL NATIONAL E-CONTENT DEVELOPMENT COMPETITION 2020

2020 NATIONAL

44. STAF CONTOH (KATEGORI AKADEMIK) KOLEJ GENIUS INSAN

2020 OTHERS

45. NUMERICAL SOLUTION OF HOMOGENEOUS ONE-DIMENSIONAL HEAT EQUATION USING IMPLICIT CRANK-NICOLSON METHOD

INSAN JUNIOR RESEARCHER INTERNATIONAL CONFERENCE 2020 (IJURECON 2020)

2020 KEBANGSAAN GOLD

46. COMPARISON OF HOMOGENEOUS AND NON-HOMOGENEOUS ONE DIMENSIONAL HEAT EQUATION

INSAN JUNIOR RESEARCHER INTERNATIONAL CONFERENCE 2020 (IJURECON 2020)

2020 KEBANGSAAN CERTIFICATE OF APPRECIATION

47. MATHEMATICS IN QURAN

National e-Content Development Competition (eConDev 2020)

2020 KEBANGSAAN BRONZE

48. JURULATIH UTAMA NEGERI KURSUS KSSM, KSSR SEMAKAN, KSKP, KBD DAN KBT

2019 NATIONAL

49. ANALYTIC SOLUTION OF NON-HOMOGENEOUS ONE-DIMENSIONAL HEAT EQUATION WITH DIFFERENT BOUNDARY CONDITIONS

INTERNATIONAL SCIENCE AND SOCIAL SCIENCE INNOVATION COMPETITION i-SIC 2019

2019 ANTARABANGSA GOLD