

Profile Image

DR. NOR RAIHAN BINTI ZULKEFLY

PENSYARAH UNIVERSITI DS13

CONTACT

Phone: 80135

E-mail:

n.raihan@usim.edu.my

Faculty: Kolej Permata
Insan

SUPERVISION

PhD - Completed: 0, Ongoing: 0

Master - Completed: 0,
Ongoing: 0

AREAS OF EXPERTISE

Radio Frequency (rf), Microwave And Millimetrewave Systems

Radio Frequency And Wireless Systems

Education And Extension In Physics

ACADEMIC QUALIFICATION

PhD in Electrical Engineering (2018)

Master in Communication & Computer (2013)

Bachelor in Engineering Technology In Data Communications (2011)

RESEARCH

1. PEMBANGUNAN MODUL KESEJAHTERAAN, PINTAR DAN BERBAKAT BAGI ISU KEBIMBANGAN SOSIAL DALAM KALANGAN PELAJAR PINTAR BERBAKAT MUSLIM DI KOLEJ GENIUS INSAN

2021

GERAN PENYELIDIKAN KHAS

COMPLETED

CO-RESEARCHER

2. WIRELESS SIGNAL CHARACTERIZATION FOR DYNAMIC ASSET TRACKING IN INDUSTRIAL FACILITIES

2019

GERAN SEPADAN AGENSI KERAJAAN

COMPLETED

MAIN

RESEARCHER

3. TOUCH AND MEMORIZE: INAUGURATION OF ROSARY-LIKE 3D PRINTED BRAILLE QURAN FOR VISUALLY IMPAIRED CHILDREN

2019

GERAN PENYELIDIKAN USIM

COMPLETED

CO-RESEARCHER

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

2018

GERAN PENYELIDIKAN HEADSTART PROGRAM

COMPLETED

CO-

RESEARCHER

**5. 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 CO-
RESEARCHER

PUBLICATION

1. PATH LOSS MODELS FOR 5G COMMUNICATIONS SYSTEM IN CORRIDORS ENVIRONMENT

JOURNAL OF ADVANCED RESEARCH

2024 JOURNAL SCOPUS MAIN AUTHOR

2. METHYLENE BLUE ADSORPTION BY CLINOPTILOLITES: A REVIEW OF RECENT ADVANCES

8TH INTERNATIONAL CONFERENCE ON ENVIRONMENT

2024 PROCEEDING SCOPUS CO-AUTHOR

3. MYSEISMO : EARTHQUAKE DETECTION AND MONITORING SYSTEM (MICROBIT SEISMIC AND METEOROLOGICAL STATION)

IJURECON 2024

2024 PROCEEDING OTHER DATABASE MAIN AUTHOR

4. ADVANCEMENTS IN PIEZOELECTRIC ENERGY HARVESTING : INNOVATION IN CHARGING SHOES

IJURECON 2024

2024 PROCEEDING OTHER DATABASE MAIN AUTHOR

5. NEW PACEMAKER DETECTOR USING MICRO BIT PROTOTYPE

IJURECON 2024

2024 PROCEEDING OTHER DATABASE MAIN AUTHOR

6. NOMA SOLUTION TECHNIQUE IN 5G SYSTEM

MULTIMEDIA UNIVERSITY ENGINEERING CONFERENCE

2024 PROCEEDING WOS MAIN AUTHOR

7. COVERAGE-BASED LOCATION FOR 5G BASE STATION

MULTIMEDIA UNIVERSITY ENGINEERING CONFERENCE 2023 (MECON2023)

2024 PROCEEDING NON-INDEX MAIN AUTHOR

8. BUKU DISIPLIN MURID

2024 BOOK EDITOR

9. PROJEK PERKHIDMATAN LATIHAN KEMAHIRAN DAN KEPAKARAN BAGI PELAKSANAAN BPRV PENGURUSAN PELAJAR KPM

2024 POLICY

10. PENYELARASAN SISTEM MOEIS, PAJSK DAN IDME SERTA PELAN PERSEDIAAN PRA-UNIVERSITI DAN LALUAN PENDIDIKAN PELAJAR PINTAR CERDAS UNTUK PROGRAM PERMATA@PINTAR NEGARA DAN PROGRAM PERMATA INSAN

2024 POLICY

11. BUKU DISIPLIN PELAJAR

2024 POLICY

12. POLISI PENGGUNAAN MODEM, ROUTER, SWITCH ATAU HUB UNTUK TUJUAN SAMBUNGAN KE INTERNET DI KOLEJ PERMATA INSAN DAN USIM

2024 POLICY

13. DYNAMIC METHOD IN SPECTRUM SHARING FOR 5G NETWORKS

10TH INTERNATIONAL CONFERENCE ON WIRELESS NETWORKS AND MOBILE COMMUNICATIONS (WINCOM 2023)

2023 PROCEEDING SCOPUS CO-AUTHOR

PUBLICATION

14. THE EFFECT OF EMOTIONAL INTELLIGENCE ON COLLEGE ADJUSTMENT AMONG FOUNDATION 1 AND FOUNDATION 2 KOLEJ PERMATA INSAN STUDENTS

INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE 2023 (IJURECON 2023)

2023 PROCEEDING OTHER DATABASE MAIN AUTHOR

15. HANDOVER SELF-OPTIMIZATION IN DRONES BASED ON LOW EARTH ORBIT SATELLITE SYSTEMS

10TH INTERNATIONAL CONFERENCE ON WIRELESS NETWORKS AND MOBILE COMMUNICATIONS (WINCOM 2023)

2023 PROCEEDING SCOPUS MAIN AUTHOR

16. MOBILITY MANAGEMENT IN SATELLITE SYSTEMS: A SURVEY STUDY

10TH INTERNATIONAL CONFERENCE ON WIRELESS NETWORKS AND MOBILE COMMUNICATIONS (WINCOM 2023)

2023 PROCEEDING SCOPUS MAIN AUTHOR

17. SURVEY STUDY ON HANDOVER MANAGEMENT IN SATELLITE SYSTEMS

THE 10TH INTERNATIONAL CONFERENCE ON WIRELESS NETWORKS AND MOBILE COMMUNICATIONS (WINCOM 2023)

2023 PROCEEDING SCOPUS MAIN AUTHOR

18. AN OVERVIEW OF HANDOVER MANAGEMENT IN LOW EARTH ORBIT (LEO)

10TH INTERNATIONAL CONFERENCE ON WIRELESS NETWORKS AND MOBILE COMMUNICATIONS (WINCOM 2023)

2023 PROCEEDING SCOPUS MAIN AUTHOR

19. SPECTRUM SHARING TO BUILD 5G NETWORKS: A SURVEY

10TH INTERNATIONAL CONFERENCE ON WIRELESS NETWORKS AND MOBILE COMMUNICATIONS (WINCOM 2023)

2023 PROCEEDING SCOPUS MAIN AUTHOR

20. DESIGN AND FABRICATION OF AN ECO-FRIENDLY PORTABLE COOKER

INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE 2023 (IJURECON 2023)

2023 PROCEEDING OTHER DATABASE MAIN AUTHOR

21. SURVEY STUDY ON SPECTRUM SHARING TO BUILD 5G NETWORKS

10TH INTERNATIONAL CONFERENCE ON WIRELESS NETWORKS AND MOBILE COMMUNICATIONS (WINCOM 2023)

2023 PROCEEDING SCOPUS MAIN AUTHOR

22. REVIEW ON NOMA SOLUTION TECHNIQUE IN 5G SYSTEM

THE MULTIMEDIA UNIVERSITY ENGINEERING CONFERENCE 2023 (MECON 2023)

2023 PROCEEDING SCOPUS MAIN AUTHOR

23. LIGHT-RAIL-TRANSIT SANITATION SYSTEM

INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE 2023 (IJURECON 2023)

2023 PROCEEDING OTHER DATABASE MAIN AUTHOR

24. 1. DESIGN & FABRICATION OF ECO-FRIENDLY PORTABLE COOKER

IJURECON 2023

2023 PROCEEDING OTHER DATABASE MAIN AUTHOR

25. COVERAGE-BASED LOCATION FOR 5G BASE STATIONS

THE MULTIMEDIA UNIVERSITY ENGINEERING CONFERENCE 2023 (MECON 2023)

2023 PROCEEDING NON-INDEX CO-AUTHOR

26. ABSTRACT BOOK OF IJURECON

ABSTRACT BOOK OF IJURECON

2023 CHAPTER IN BOOK CO-AUTHOR

PUBLICATION

27. SEE THE LIGHT: A TESTIMONY

ISLAMIC SCIENCE IN HEALTH

2023 CHAPTER IN BOOK CO-AUTHOR

28. THE DEVELOPMENT OF GIFTED AND TALENTED WELL-BEING MODULE (QALBUN SALIM) ON THE ISSUE OF SOCIAL ANXIETY AMONG MUSLIM GIFTED AND TALENTED STUDENTS IN GENIUS INSAN COLLEGE

INTERNATIONAL JOURNAL OF ACADEMIC RESEARCH IN BUSINESS AND SOCIAL SCIENCES

2022 JOURNAL ERA CO-AUTHOR

29. PENCAPAIAN STEM DI KALANGAN MURID DALAM TEMPOH PANDEMIK

JURNAL DUNIA PENDIDIKAN

2022 JOURNAL MYCITE MAIN AUTHOR / CONTACT PERSON IN USIM

30. THE DEVELOPMENT OF GIFTED AND TALENTED WELL-BEING MODULE (QALBUN SALIM) ON THE ISSUE OF SOCIAL ANXIETY AMONG MUSLIM GIFTED AND TALENTED STUDENTS IN GENIUS INSAN COLLEGE

INTERNATIONAL CONFERENCE ON ADVANCED SOCIAL RESEARCH IN EDUCATION, MANAGEMENT AND SOCIETY (ICASREMS2022)

2022 PROCEEDING NON-INDEX CO-AUTHOR

31. PENCAPAIAN STEM DI KALANGAN MURID PINTAR BERBAKAT MELALUI INTERAKSI RAKAN SEBAYA DAN STRATEGI PEMBELAJARAN

4TH INTERNATIONAL CONFERENCE ON BUSINESS, ECONOMY, EDUCATION, ENGINEERING, INTER-DISCIPLINARY, TECHNOLOGY AND SOCIAL SCIENCES (ICEBTS22)

2022 PROCEEDING NON-INDEX MAIN AUTHOR

32. PALLETIZED NATURAL ZEOLITE WITH HIGH POROSITY TO ADSORB METHYLENE BLUE FOR WATER POLLUTION RECOVERY

INNOVATION COMPETITION AND EXHIBITION 2022 (INCEX 2022) PERINGKAT KEBANGSAAN

2022 PROCEEDING NON-INDEX MAIN AUTHOR

33. A CASE STUDY ON PARENT'S SENSITIVITY TO ADHD AND NEURODIVERSITY AMONG HIGH SCHOOL STUDENTS AT KOLEJ GENIUS INSAN

IJURECON 2022

2022 PROCEEDING NON-INDEX MAIN AUTHOR

34. OIL PALM FROND BRIQUETTING AS BIO-CHARCOAL FOR RENEWABLE ENERGY

IJURECON 2022

2022 PROCEEDING NON-INDEX MAIN AUTHOR

35. THE DEVELOPMENT OF GIFTED AND TALENTED WELL-BEING MODULE (QALBUN SALIM) ON THE ISSUE OF SOCIAL ANXIETY AMONG MUSLIM GIFTED AND TALENTED STUDENTS IN GENIUS INSAN COLLEGE

INTERNATIONAL CONFERENCE ON ADVANCED SOCIAL RESEARCH IN EDUCATION, MANAGEMENT, AND SOCIETY

2022 PROCEEDING NON-INDEX CO-AUTHOR

36. MODUL PEMBELAJARAN PDPR ASAS 1

2022 BOOK CO-AUTHOR

37. MODUL PDPR ASAS 2

2022 BOOK CO-AUTHOR

38. EBOOK INCEX

EBOOK INCEX

2022 CHAPTER IN BOOK CO-AUTHOR

39. OIL PALM BARQUE

IJURECON E-PROCEEDING BOOK

2022 CHAPTER IN BOOK CO-AUTHOR

PUBLICATION

40. FIZIK

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

2022 CHAPTER IN BOOK MAIN AUTHOR

41. AN EVALUATION OF STUDENT'S PERCEPTION TOWARDS LEARNING PHYSICS AT LOWER SECONDARY SCHOOL

JURNAL PENDIDIKAN SAINS DAN MATEMATIK MALAYSIA

2021 JOURNAL MYCITE CO-AUTHOR

42. LOW-COST AS-SYNTHESIZED CARBON NANOTUBES AS POTENTIAL ELECTROMAGNETIC ABSORBING MATERIALS

INTERNATIONAL MULTIDISCIPLINARY INNOVATION COMPETITION (IMIC 2021)

2021 PROCEEDING NON-INDEX CO-AUTHOR

43. LOW-COST AS-SYNTHESIZED CARBON NANOTUBES AS POTENTIAL ELECTROMAGNETIC ABSORBING MATERIALS

INTERNATIONAL MULTIDISCIPLINARY INNOVATION COMPETITION (IMIC 2021)

2021 PROCEEDING NON-INDEX CO-AUTHOR

44. PENCAPAIAN STEM DI KALANGAN MURID PINTAR BERBAKAT MELALUI INTERAKSI RAKAN SEBAYA DAN STRATEGI PEMBELAJARAN

INSAN JUNIOR RESEARCHERS CONFERENCE (IJURECON)

2021 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

45. A CASE STUDY ON INTERNET ACCESS CONDITIONS OF BOARDING SCHOOL STUDENTS DURING THE HOME LEARNING AND TEACHING SESSIONS (PDRP) ACCORDING TO THE AREA OF RESIDENCE)

INSAN JUNIOR RESEARCHERS CONFERENCE

2021 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

46. KOKURIKULUM PINTAR BERBAKAT

SEJARAH KPI/KGI

2021 CHAPTER IN BOOK CO-AUTHOR

47. MODUL PENGHINDARAN SOSIAL

MODUL QALBU SALIM

2021 CHAPTER IN BOOK CO-AUTHOR

48. EFFECTIVENESS OF FLIPPED CLASSROOM IN TEACHING MATHEMATIC FOR GIFTED STUDENT

GIFTED EDUCATION

2021 CHAPTER IN BOOK CO-AUTHOR

49. GARIS PANDUAN PENGURUSAN WABAK DAN PENYAKIT BERJANGKIT KOLEJ GENIUS INSAN

2021 POLICY

50. GARIS PANDUAN PENYERTAAN PERTANDINGAN

2021 POLICY

51. GARIS PANDUAN MURID BALIK BERMALAM

2021 POLICY

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

JOURNAL OF COMPUTATIONAL AND THEORETICAL NANOSCIENCE

2020 JOURNAL SCOPUS CO-AUTHOR

PUBLICATION

53. AN EVALUATION OF STUDENT'S PERCEPTION TOWARD LEARNING PHYSICS AT LOWER SECONDARY STUDENT

JOURNAL OF COMPUTATIONAL AND THEORETICAL NANOSCIENCE

2020 JOURNAL SCOPUS CO-AUTHOR

54. WIRELESS CHANNEL CHARACTERIZATION FOR INDOOR

INSAN JUNIOR RESEARCHER INTERNATIONAL CONFERENCE (IJURECON 2020)

2020 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

55. SMART CLASSROOM FOR SUSTAINABLE ENVIRONMENT

SEMINAR KEBANGSAAN MAJLIS DEKAN PENDIDIKAN UNIVERSITI AWAM MALAYSIA (MEDC 2020)

2020 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

56. ELECTRICITY GENERATION USING PHOTOSYNTHETIC ALGAE PLANTATION

INSAN JUNIOR RESEARCHER INTERNATIONAL CONFERENCE (IJURECON 2020)

2020 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

57. PEMBELAJARAN MURID PINTAR BERBAKAT INTEGRASI ILMU NAQLI DAN AQLI DALAM PENDIDIKAN KELAZIMAN BAHARU (TERMASUK PENGURUSAN INFRA. FIZIKAL, EMOSI, ROHANI YANG PERLUKAN PENDEKATAN HOLISTIK)

PENDIDIKAN TERADUN DAN PENTAKSIRAN BERSEPADU UNTUK MURID PINTAR BERBAKAT

2020 CHAPTER IN BOOK CO-AUTHOR

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

5TH ASIA INTERNATIONAL MULTIDISCIPLINARY CONFERENCE

2019 PROCEEDING NON-INDEX CO-AUTHOR

59. REFLECTION LOSS PERFORMANCE OF COCO PEAT-MULTIWALLED CARBON NANOTUBES/ EPOXY RESIN AT X-BAND AND KU-BAND

INTERNATIONAL SYMPOSIUM ON ADVANCED MATERIAL AND NANOTECHNOLOGY (ISAMN) 2019

2019 PROCEEDING NON-INDEX CO-AUTHOR

60. CHANNEL CHARACTERIZATION OF DENSE NETWORK

5G MULTIPLE ACCESS AND PROPAGATION

2019 CHAPTER IN BOOK CO-AUTHOR

61. 6.5 GHZ AND 10.2 GHZ PATH LOSS MEASUREMENTS AND MODELING FOR 5G COMMUNICATIONS SYSTEM PREDICTION

INTERNATIONAL JOURNAL OF RESEARCH IN ENGINEERING AND TECHNOLOGY

2017 JOURNAL SCOPUS MAIN AUTHOR

62. MULTI-FREQUENCIES PENETRATION LOSS AND MODELING AT 6.5 GHZ TO 38 GHZ FOR 5G COMMUNICATIONS SYSTEM EVALUATION

INTERNATIONAL JOURNAL OF RESEARCH IN ENGINEERING AND TECHNOLOGY

2017 JOURNAL SCOPUS MAIN AUTHOR

63. 4G CHANNEL CHARACTERIZATION FOR INDOOR ENVIRONMENT AT 2.6 GH

IEEE COLLOQUIUM ON SIGNAL PROCESSING AND ITS APPLICATIONS

2015 PROCEEDING NON-INDEX MAIN AUTHOR

64. CHANNEL CHARACTERIZATION FOR INDOOR ENVIRONMENT AT 17 GHZ FOR 5G COMMUNICATIONS

MICC

2015 PROCEEDING NON-INDEX MAIN AUTHOR

65. INDOOR PATH LOSS MODEL FOR 4G WIRELESS NETWORK AT 2.6 GHZ

TAFGEN

2015 PROCEEDING NON-INDEX MAIN AUTHOR

PUBLICATION

66. INDOOR PATH LOSS MODEL FOR 4G WIRELESS NETWORK AT 2.6 GHZ

TAFGEN

2015

PROCEEDING

NON-INDEX

MAIN AUTHOR

67. PATH LOSS MODEL FOR LTE BAND IN OUTDOOR ENVIRONMENT

IICIST

2015

PROCEEDING

NON-INDEX

MAIN AUTHOR

68. NETWORK CAPACITY ISSUES IN JOINT BUFFER MANAGEMENT AND SCHEDULING (JOBS)

INTERNATIONAL JOURNAL OF INFORMATION TECHNOLOGY & COMPUTER SCIENCE (IJITCS)

2012

JOURNAL

SCOPUS

CO-AUTHOR

CONSULTATION

1. EDUCATION OLIMPIAD

KPM

2022 INTERNATIONAL

2. PENDIDIKAN /KEJURUTERAAN

USM

2022 NATIONAL

3. WIRELESS COMMUNICATION FOR 5G TECHNOLOGY

KEMENTERIAN PENGAJIAN TINGGI

2021 NATIONAL

4. INTERNATIONAL OLYMPIAD FOR EARTH SCIENCE

KOLEJ GENIUS INSAN BAHAGIAN GENIUS KPM

2019 NATIONAL

5. JAWATANKUASA PELAKSANA MUKHAYYAM AL-ABRAR 2019

KOLEJ GENIUS INSAN

2019 NATIONAL

6. JAWATANKUASA PELAKSANA

KOLEJ GENIUS INSAN

2019 UNIVERSITY

7. KEM KEPIMPINAN PELAJAR

KOLEJ GENIUS INSAN

2019 UNIVERSITY

8. GERAK KERJA MUKHAYYAM, PPCS DAN PROMOSI

KOLEJ GENIUS INSAN

2019 UNIVERSITY

9. WIRELESS COMMUNICATION FOR 5G TECHNOLOGY

KEMENTERIAN PENGAJIAN TINGGI

2019 NATIONAL

10. WIRELESS COMMUNICATION FOR 5G TECHNOLOGY

KEMENTERIAN PENGAJIAN TINGGI

2019 NATIONAL

11. ACADEMIC

NONE

2019 UNIVERSITY

12. JURULATIH DAN GURU PENGIRING PASUKAN OLIMPIAD FIZIK MALAYSIA DAN KOLEJ GENIUS INSAN

KEMENTERIAN PELAJARAN MALAYSIA, KOLEJ GENIUS INSAN

2019 NATIONAL

13. PHYSIC OLYMPIAD COMPETITION OBSERVER FOR NATIONAL TEAM

KEMENTERIAN PELAJARAN MALAYSIA, KOLEJ GENIUS INSAN

2019 INTERNATIONAL

14. ENGINEERING

PUSAT STEM NEGARA

2019

NATIONAL

CONSULTATION

15. ENGINEERING , COMPUTER SCIENCE , TELECOMMUNICATION

ERICSSON MALAYSIA / ASIA, AXIATA AND UNIVERSITI TEKNOLOGI MALAYSIA

2019 NATIONAL

16. ENGINEERING AND INNOVATION

PUSAT STEM NEGARA, KPM RADIO TELEVISYEN MALAYSIA (RTM)

2019 NATIONAL

17. ENGINEERING, ROBOTIC AND INNOVATION

PUSAT STEM NEGARA, KPM CYBERTECH SECURITY MALAYSIA SAMS LAB INTERNATIONA;

2019 INTERNATIONAL

18. INTERNATIONAL ASTRONOMY OLYMPIAD COMPETITION- PRELIMINARY ROUND

KOLEJ GENIUS INSAN BAHAGIAN GENIUS, KPM

2019 NATIONAL

19. ANTENNA AND PROPAGATION

SURUHANJAYA KOMUNIKASI DAN MULTIMEDIA MALAYSIA

2018 NATIONAL

20. MULTIMEDIA

KOLEJ GENIUS INSAN

2018 UNIVERSITY

AWARDS/RECOGNITION

1. ANUGERAH PENULIS ARTIKEL CEMERLANG

2024 UNIVERSITY

2. ANUGERAH PERKHIDMATAN CEMERLANG 2023

2024 UNIVERSITY

3. ANUGERAH PENILAI BERKUALITI

2024 UNIVERSITY

4. ANUGERAH PENILAI BERKUALITI

2024 UNIVERSITY

5. ANUGERAH PENILAI BERKUALITI

2024 UNIVERSITY

6. ANUGERAH PENILAI BERKUALITI

2024 UNIVERSITY

7. ANUGERAH INOVASI TERBAIK SEPTEMBER

2024 UNIVERSITY

8. ANUGERAH INOVASI TERBAIK OKTOBER

2024 UNIVERSITY

9. ANUGERAH PENULIS JURNAL CEMERLANG MEI

2024 UNIVERSITY

10. MYSEISMO: EARTHQUAKE DETECTION AND MONITORING SYSTEM

INSAN JUNIOR RESEARCHER INTERNATIONAL CONFERENCE (IJURECON 2024)

2024 ANTARABANGSA BRONZE

11. ADVANCEMENTS IN PIEZOELECTRIC ENERGY HARVESTING: INNOVATION IN CHARGING SHOES

INSAN JUNIOR RESEARCHER INTERNATIONAL CONFERENCE (IJURECON 2024)

2024 ANTARABANGSA BRONZE

12. DESIGN AND FABRICATION OF SOLAR COOKER

JOHOR INTERNATIONAL INNOVATION INVENTION COMPETITION AND SYMPOSIUM (JIICaS 2024)

2024 ANTARABANGSA GOLD

13. DESIGN AND FABRICATION OF SOLAR COOKER

1ST INTERNATIONAL SUSTAINABILITY INVENTION, INNOVATION AND DEVELOPMENT ON FOOD, CULTURE AND TECHNOLOGY

2024 ANTARABANGSA SILVER

14. PERTANDINGAN INOVASI & REKA CIPTA UNIPSAS 2024

PERTANDINGAN INOVASI & REKA CIPTA UNIPSAS 2024

2024 KEBANGSAAN CERTIFICATE OF APPRECIATION

AWARDS/RECOGNITION

15. DESIGN AND FABRICATION OF SOLAR COOKER

SMART INNOVATION COMPETITION 2024 INTERNATIONAL LEVEL

2024 ANTARABANGSA SILVER

16. 13TH ASEAN+3 SCIENCE GIFTED STUDENT CAMP AND THE 15TH ASEAN+3 TEACHER WORKSHOP

2023 INTERNATIONAL

17. ACADEMIC ADVISOR

KEMENTERIAN PENDIDIKAN MALAYSIA

2023 STATE

18. ACADEMIC ADVISOR

13TH ASEAN+3 SCIENCE GIFTED STUDENT CAMP AND THE 15TH ASEAN+3 TEACHER WORKSHOP

2023 INTERNATIONAL

19. DESIGN AND FABRICATION OF ECO-FRIENDLY PORTABLE COOKER

Insan Junior Researchers International Conference (IJURECON 2023)

2023 ANTARABANGSA GOLD

20. LIGHT-RAIL-TRANSIT SANITATION SYSTEM

Insan Junior Researchers International Conference (IJURECON 2023)

2023 ANTARABANGSA BRONZE

21. THE EFFECT OF EMOTIONAL INTELLIGENCE ON COLLEGE ADJUSTMENT AMONG FOUNDATION 1 AND 2 KOLEJ PERMATA INSAN STUDENTS

Insan Junior Researchers International Conference (IJURECON 2023)

2023 ANTARABANGSA GOLD

22. JURI

2022 NATIONAL

23. ANUGERAH PENDIDIK

2022 UNIVERSITY

24. MENTOR

2022 NATIONAL

25. BEST STAF JANUARI 2022

2022 UNIVERSITY

26. ANUGERAH PENDIDIK INSANI

2022 UNIVERSITY

27. SURAT NIAT

2022 NATIONAL

28. TOP 20 FINALIST IOT SMART HACKATON ASEAN

2022 INTERNATIONAL

AWARDS/RECOGNITION

29. MALAYSIAN EARTH SCIENCE OLYMPIAD COMPETITION

2022 NATIONAL

30. MALAYSIAN COMPUTATIONAL AND LINGUISTIC OLYMPIAD COMPETITION

2022 NATIONAL

31. MALAYSIAN ASTRONOMY OLYMPIAD COMPETITION

2022 NATIONAL

32. JURY

2022 NATIONAL

33. KETUA PENGAWAS AMALI SPM 2022-2023

2022 NATIONAL

34. ACADEMIC ADVISOR

NATIONAL SCIENCE CHALLENGE

2022 NATIONAL

35. ACADEMIC ADVISOR

JAB PENDIDIKAN NEGERI

2022 OTHERS

36. ACADEMIC ADVISOR

JAB PENDIDIKAN NEGERI

2022 NATIONAL

37. PALLETIZED NATURAL ZEOLITE WITH HIGH POROSITY TO ADSORB METHYLENE BLUE FOR WATER POLLUTION RECOVERY

INNOVATION COMPETITION & EXHIBITION 2022 (INCEX 2022)

2022 KEBANGSAAN GOLD

38. MODUL QALBUN SALIM

INTERNATIONAL INNOVATION COMPETITION (INNOCOM III)

2022 ANTARABANGSA SILVER

39. PALLETIZED NATURAL ZAOLITE WITH POROSITY TO ADSORB METHYLENE BLUE FOR WATER POLLUTION RECOVERY

INNOVATION COMPETITION & EXHIBITION 2022 (INCEX 2022)

2022 KEBANGSAAN BRONZE

40. STAF CONTOH (AKADEMIK)

2021 UNIVERSITY

41. ACADEMIC ADVISOR

LOW-COST AS-SYNTHESIZED CARBON NANOTUBES AS POTENTIAL ABSORBING MATERIALS

2021 INTERNATIONAL

42. ACADEMIC ADVISOR

MINISTRY OF EDUCATION AND ENGLISH LANGUAGE TEACHING CENTRE

2021 NATIONAL

AWARDS/RECOGNITION

43. ACADEMIC ADVISOR

THE 11TH ASEAN+3 STUDENT CAMP FOR THE GIFTED IN SCIENCE

2021 INTERNATIONAL

44. BEST INNOVATION

2020 NATIONAL

45. SAM LABS INNOVATION

2020 NATIONAL

46. STAF CONTOH KATEGORI AKADEMIK (JUN 2020)

2020 UNIVERSITY

47. BEST RESEARCH PRESENTER

2020 INTERNATIONAL

48. PELANTIKAN SEBAGAI MENTEE DALAM PROGRAM MENTOR MENTEE

2020 UNIVERSITY

49. BEST RESEARCH CONCEPT

2020 INTERNATIONAL

50. MOST PROMISING RESEARCH 2020

2020 INTERNATIONAL

51. ACADEMIC ADVISOR

EUROPEAN PHYSIC OLYMPIAD

2020 NATIONAL

52. LOW-COST 3D PRINTED-TERMINALIA CATAPPA FRUIT SHELLS COMPOSITES AS POTENTIAL ELECTROMAGNETIC ABSORBING MATERIALS

INTERNATIONAL INNOVATION COMPETITION (INNOCOM2020)

2020 ANTARABANGSA SILVER

53. DEPOLYMERIZATION OF POLYEHTLENE TEREPHTHALATE (PET) FROM 3D PRINTED WASTE VIA THERMAL AND ALKALINE HYDROLYSIS

eCARNIVAL RESEARCH INNOVATION (eCRI 2020)

2020 KEBANGSAAN SILVER

54. GIFT TO GIVE: EXPLORING GIFTED STUDENTS AS TRENDSETTER TO INTENSIFY PHYSICS FOR WEAK STUDENTS THROUGH 3D PRINTING KITS MODULE

eCARNIVAL RESEARCH INNOVATION (eCRI 2020)

2020 KEBANGSAAN BRONZE

55. MATERIAL TECHNOLOGY CHALLENGE AWARD

2019 INTERNATIONAL

56. RAKAN KOLABORASI PENYELIDIKAN

2019 NATIONAL

AWARDS/RECOGNITION

57. AWARD ON EXCELLENT INNOVATION OF 3D HOLOGRAM DISPLAY FOR AUGMENTED REALITY : A PRACTICAL APPROACH FOR INTERACTIVE LEARNING IN PHYSICS

2019 INTERNATIONAL

58. GOLD MEDAL -RESEARCH CONCEPT

2019 INTERNATIONAL

59. FIRST PLACE- STEM DESIGN ASIA TAIWAN

2019 INTERNATIONAL

60. BEST STAFF OF THE MONTH

2019 UNIVERSITY

61. PENGHARGAAN SEBAGAI FELO KOLEJ GENIUS INSA

2019 UNIVERSITY

62. ACADEMIC ADVISOR

OLIMPIAD FIZIK MALAYSIA

2019 NATIONAL

63. ACADEMIC ADVISOR

EUROPEAN PHYSIC OLYMPIAD

2019 INTERNATIONAL

64. ACADEMIC ADVISOR

KEM MUHAYYAM KOLEJ GENIUS INSAN

2019 UNIVERSITY

65. A 3D HOLOGRAPHIC DISPLAY FOR AUGMENTED REALITY: A PRACTICAL APPROACH FOR INTERACTIVE LEARNING IN PHYSICS

INTERNATIONAL COMPETITION AND EXHIBITIONS ON COMPUTING INNOVATIONS 2019

2019 ANTARABANGSA GOLD