

Profile Image

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PENSYARAH UNIVERSITI DS13

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 MALAYSIA

2024 GERAN PENYELIDIKAN TRANSLASIONAL ON GOING MAIN
RESEARCHER

2. DIGITAL QUANTUM RANDOM NUMBER GENERATOR

2024 GERAN PEMBANGUNAN INOVASI (GPI) ON GOING CO-
RESEARCHER

3. GIFT TO GIVE: EXPLORING GIFTED STUDENTS AS TRENDSETTERS TO INTENSIFY STEM LEARNING THROUGH ADDITIVE MANUFACTURING TECHNOLOGY

2024 GERAN PENYELIDIKAN PUSAT TANGGUNGJAWAB (PTJ) ON GOING
CO-RESEARCHER

**4. 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 CO-
RESEARCHER

**5. SMART DIGITAL TRANSFORMATION MODEL FOR URBAN
FARMING BASED ON INNOVATION DIFFUSION THEORY TO
SUPPORT FOOD SECURITY**

2023 GERAN KPT ON GOING CO-RESEARCHER

RESEARCH

6. 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

7. PEMBANGUNAN MODEL KURIKULUM PENDIDIKAN PINTAR BERBAKAT INTEGRASI ILMU NAQLI AQLI (IGED)

2021 GERAN PENYELIDIKAN KHAS ON GOING CO-RESEARCHER

8. LOW COST 3D PRINTED HONEYCOMB-TERMINALIA CATAPPA FRUIT SHELLS COMPOSITES AS AN ABSORBING MATERIALS IN REDUCING ELECTROMAGNETIC INTERFERENCE POLLUTION

2020 GERAN PENYELIDIKAN USIM RACER COMPLETED CO-RESEARCHER

9. DEVELOPING A NEW MODEL FOR CYBER TERRORISM CLASSIFICATION ON SOCIAL MEDIA ANALYTICS BASED ON SENTIMENT ANALYSIS

2019 GERAN PENYELIDIKAN USIM COMPLETED CO-RESEARCHER

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

2019 GERAN PENYELIDIKAN USIM COMPLETED CO-RESEARCHER

11. 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

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

2018 GERAN PENYELIDIKAN HEADSTART PROGRAM COMPLETED CO-RESEARCHER

13. COMPOSITION OF FATTY ACID AND BIOMARKER IN COWS AND GOATS' MILK USING GAS CHROMATOGRAPHY (GC/MS) & DNA-BASED ANALYTICAL METHODS FOR MILK AUTHENTICATION OF COW AND GOAT IN MALAYSIA

2018 GERAN PENYELIDIKAN HEADSTART PROGRAM COMPLETED CO-RESEARCHER

14. NUMERICAL SOLUTION FOR ISLAMIC PRICING OPTION USING A MODIFIED 2 POINT BLOCK BACKWARDS DIFFERENCE METHOD

2017 GERAN KPT COMPLETED CO-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. SYNTHESIZED HYBRID CNT POLYMER COMPOSITE IN REDUCING EMI POLLUTION AT GIGAHERTZ FREQUENCY RANGE

SEMARAK INTERNATIONAL JOURNAL OF NANOTECHNOLOGY

2024 JOURNAL MYCITE CORRESPONDING AUTHOR

4. PIWALL AS A HOME TRAFFIC CONTROLLER: ENABLING PARENTAL CONTROL AND MONITORING

BULLETIN OF ELECTRICAL ENGINEERING AND INFORMATICS

2024 JOURNAL INDEXED BY SCOPUS CO-AUTHOR

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

INDONESIAN JOURNAL OF INFORMATION SYSTEMS (IJJIS)

2024 JOURNAL OTHER DATABASE MAIN AUTHOR

6. QUANTUM COMPUTING IN THE CLOUD ? A SYSTEMATIC LITERATURE REVIEW

INTERNATIONAL JOURNAL OF ELECTRICAL AND COMPUTER ENGINEERING SYSTEMS

2024 JOURNAL WOS CO-AUTHOR

7. TECHNOLOGY ADOPTION MODEL FOR SMART URBAN FARMING-A PROPOSED CONCEPTUAL MODEL

COMPUTER SCIENCE AND INFORMATION TECHNOLOGIES

2024 JOURNAL OTHER DATABASE CORRESPONDING AUTHOR

8. ENHANCING QUANTUM INFORMATION PROCESSING ? SU(2) OPERATOR MODEL DEVELOPMENT FOR THREE-QUBIT QUANTUM SYSTEMS ENTANGLEMENT CLASSIFICATION

INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN COMPUTATIONAL THINKING AND DATA SCIENCE

2024 JOURNAL OTHER DATABASE CORRESPONDING AUTHOR

9. ENTANGLEMENT DETECTION: A SCOPING REVIEW

JOURNAL OF ADVANCED RESEARCH IN APPLIED SCIENCES AND ENGINEERING TECHNOLOGY

2024 JOURNAL OTHER DATABASE CORRESPONDING AUTHOR

10. QUANTUM ENTANGLEMENT AND ITS CLASSIFICATION PROTOCOLS

MALAYSIAN JOURNAL OF SCIENCE, HEALTH & TECHNOLOGY

2024 JOURNAL OTHER DATABASE CORRESPONDING AUTHOR

11. THE INTERSECTION OF TECHNOLOGY AND EDUCATION: DEVELOPMENT OF DIGITAL GAMING FOR ENHANCED ADDITIONAL MATHEMATICS

INTERNATIONAL JOURNAL OF MODERN EDUCATION (IJMOE)

2024 JOURNAL OTHER DATABASE CORRESPONDING AUTHOR

12. ENTANGLEMENT CLASSIFICATION ? A COMPARATIVE STUDY OF SU(2) AND SL(2) DEVELOPED OPERATOR MODEL

INTERNATIONAL JOURNAL OF INFORMATICS AND COMMUNICATION TECHNOLOGY

2024 JOURNAL OTHER DATABASE CORRESPONDING AUTHOR

13. EXPLORING LEARNING GAPS IN THE FUNCTIONS SUBTOPIC: A STUDY OF FORM 4 KSSM ADDITIONAL MATHEMATICS PRETEST RESULTS OF SECONDARY SCHOOL STUDENTS

SEMARAK INTERNATIONAL JOURNAL OF STEM EDUCATION (SIJSTE)

2024 JOURNAL OTHER DATABASE CORRESPONDING AUTHOR

PUBLICATION

14. CRAFTING MATHEMATICAL MINDS BY ENGAGING BRAILLE-TANGIBLE 3IN1 3D PRINTED GEOBOARDS MODULE FOR VISUALLY IMPAIRED CHILDREN

SEMARAK INTERNATIONAL JOURNAL OF FUNDAMENTAL AND APPLIED MATHEMATICS

[2024](#) [JOURNAL](#) [OTHER DATABASE](#) [CORRESPONDING AUTHOR](#)

15. INTEGRATING SENSORY-BASED ACTIVITY MODULES TO ENHANCE TACTILE SENSITIVITY IN BRAILLE LEARNERS: A COMPARATIVE STUDY

ESTEEM JOURNAL OF SOCIAL SCIENCES AND HUMANITIES

[2024](#) [JOURNAL](#) [OTHER DATABASE](#) [CORRESPONDING AUTHOR](#)

16. SMART FARMING ADOPTION ? A SCOPING REVIEW

KONFERENSI NASIONAL TEKNOLOGI INFORMASI (KONSTELASI 2024)

[2024](#) [PROCEEDING](#) [NON-INDEX](#) [MAIN AUTHOR](#)

17. ENTANGLEMENT CLASSIFICATION FOR THREE-QUBIT PURE QUANTUM SYSTEM USING SPECIAL LINEAR GROUP UNDER THE SLOCC PROTOCOL

INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS

[2023](#) [JOURNAL](#) [SCOPUS](#) [CORRESPONDING AUTHOR](#)

18. COMMUNITY KNOWLEDGE AND PERCEPTIONS TOWARDS ILLEGAL WASTE DISPOSAL: A CASE STUDY OF SUNGAI BESAR COASTLINE MANGROVES FOREST IN SELANGOR, MALAYSIA

PLANNING MALAYSIA

[2023](#) [JOURNAL](#) [INDEXED BY SCOPUS](#) [CO-AUTHOR](#)

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

INNOVATIVE TEACHING AND LEARNING JOURNAL (ITLJ)

[2023](#) [JOURNAL](#) [OTHER DATABASE](#) [CORRESPONDING AUTHOR](#)

20. EXPLORING INTEREST IN MALAYSIAS HISTORY AMONG PERMATA INSAN COLLEGE STUDENTS: A MINI SURVEY

4TH INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE 2023 (IJURECON 2023)

[2023](#) [PROCEEDING](#) [NON-INDEX](#) [CORRESPONDING AUTHOR](#)

21. MINI SURVEY ON LEARNING JAPANESE LANGUAGE AMONG PERMATA INSAN COLLEGE STUDENTS

4TH INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE 2023 (IJURECON 2023)

[2023](#) [PROCEEDING](#) [NON-INDEX](#) [CORRESPONDING AUTHOR](#)

22. UNDERSTANDING ENGLISH VOCABULARY AMONG PERMATA INSAN COLLEGE STUDENTS

4TH INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE 2023 (IJURECON 2023)

[2023](#) [PROCEEDING](#) [NON-INDEX](#) [CORRESPONDING AUTHOR](#)

23. CRYPTOGRAPHY: DISCOVERY AWARENESS AMONG PERMATA INSAN COLLEGE STUDENT

4TH INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE 2023 (IJURECON 2023)

[2023](#) [PROCEEDING](#) [NON-INDEX](#) [CORRESPONDING AUTHOR](#)

24. ASSESSING STUDENT AWARENESS OF CYBERSECURITY: A MINI SURVEY

4TH INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE 2023 (IJURECON 2023)

[2023](#) [PROCEEDING](#) [NON-INDEX](#) [CORRESPONDING AUTHOR](#)

25. 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](#)

26. GAME-BASED LEARNING: THE EDUCATIONAL BOARD GAME TREND

INSAN JUNIOR RESEARCHER INTERNATIONAL CONFERENCE

[2023](#) [PROCEEDING](#) [NON-INDEX](#) [CO-AUTHOR](#)

PUBLICATION

27. MINECRAFT KAMPUS BARAKAH CHALLENGE 2022 (MKBC 2022)

2023 BOOK CO-EDITOR

28. THE ESSENCE OF PRACTICING 3D PRINTED MODELS THROUGH GAME-BASED MODULE IN LEARNING BRAILLE QURAN CODE AMONG THE BEGINNERS

INTERNATIONAL JOURNAL OF ACADEMIC RESEARCH IN PROGRESSIVE EDUCATION AND DEVELOPMENT

2022 JOURNAL INDEXED BY ERA CORRESPONDING AUTHOR

29. THE STUDENTS' SELF PERCEPTION ON LEARNING C++ PROGRAMMING VIA THE CRYPTOGRAPHY PROJECT: A CASE STUDY

INTERNATIONAL JOURNAL OF ACADEMIC RESEARCH IN PROGRESSIVE EDUCATION AND DEVELOPMENT

2022 JOURNAL INDEXED BY ERA MAIN AUTHOR / CONTACT PERSON IN USIM

30. ONLINE GAME: CURRENT TREND AMONG MALAYSIAN SECONDARY SCHOOL'S STUDENT

INTERNATIONAL JOURNAL OF EDUCATION, PSYCHOLOGY AND COUNSELING

2022 JOURNAL INDEXED IN MYCITE MAIN AUTHOR / CONTACT PERSON IN USIM

31. ELECTROMAGNETIC WAVE REDUCTION OF MULTIWALLED CARBON NANOTUBES (MWCNT) MIXED NANOMETER COFE204 AT HIGHER FREQUENCY RANGE

MATERIALS TODAY: PROCEEDINGS

2022 JOURNAL INDEXED BY SCOPUS AND ERA MAIN AUTHOR

32. ENTANGLEMENT QUANTIFICATION AND CLASSIFICATION: A SYSTEMATIC LITERATURE REVIEW

INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS (IJACSA)

2022 JOURNAL SCOPUS CORRESPONDING AUTHOR

33. VISUAL AND KINESTHETICS LEARNING ADOPTING STUDENT AS TRENDSETTER VIA 3D PRINTING KITS TO ENHANCE UNDERSTANDING OF PHYSICS THEOREM

ASEAN JOURNAL OF ENGINEERING AND TECHNOLOGY

2022 JOURNAL OTHER DATABASE CORRESPONDING AUTHOR

34. MUSLIM GIFTED AND TALENTED CURRICULUM: A DESIGN OF FRAMEWORK

INTERNATIONAL JOURNAL OF ACADEMIC RESEARCH IN PROGRESSIVE EDUCATION AND DEVELOPMENT

2022 JOURNAL INDEXED BY ERA CORRESPONDING AUTHOR

35. 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

36. QUANTUM COMPUTING AND ITS APPLICATION

INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN TECHNOLOGY AND INNOVATION

2022 JOURNAL MYCITE MAIN AUTHOR / CONTACT PERSON IN USIM

37. A BACKWARD DIFFERENCE FORMULATION FOR ANALYZING THE DYNAMICS OF CAPITAL STOCKS

MATHEMATICAL MODELING AND COMPUTING,

2022 JOURNAL SCOPUS CORRESPONDING AUTHOR

38. TOURISTS AND WASTE MANAGEMENT: ATTITUDE, MOTIVATION AND VOLUNTEERISM

ASIAN JOURNAL OF BEHAVIORAL SCIENCES

2022 JOURNAL MYCITE MAIN AUTHOR / CONTACT PERSON IN USIM

39. THREE-POINT BLOCK ALGORITHM FOR APPROXIMATING DUFFING TYPE DIFFERENTIAL EQUATIONS

MATHEMATICS AND STATISTICS

2022 JOURNAL SCOPUS CORRESPONDING AUTHOR

PUBLICATION

40. 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

41. 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

42. 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

43. 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

44. 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

45. TREND ON GAMIFICATION APPROACH IN LEARNING AND TEACHING

2ND INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE 2021 (IJURECON 2021)

2022 PROCEEDING NON-INDEX MAIN AUTHOR

46. CRYPTOGRAPHY EXPOSURE AMONG SECONDARY SCHOOL STUDENTS

2ND INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE 2021 (IJURECON 2021)

2022 PROCEEDING NON-INDEX MAIN AUTHOR

47. ELECTROMAGNETIC WAVE REDUCTION OF MULTIWALLED CARBON NANOTUBES MIXED NANOMETER COFE204 AT HIGHER FREQUENCY RANGE

INTERNATIONAL SYMPOSIUM ON POLYMERIC MATERIALS 2022

2022 PROCEEDING NON-INDEX CO-AUTHOR

48. EDUCATIONAL GAME FOR MATHEMATICS

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

2022 PROCEEDING OTHER DATABASE MAIN AUTHOR

49. 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

50. MODUL PENGAJARAN DAN PEMBELAJARAN SERTA PENTAKSIRAN BERSEPADU KURIKULUM PENDIDIKAN PINTAR BERBAKAT, INTEGRASI NAQLI DAN AQLI (IGED), ASAS 2

2022 BOOK EDITOR

51. 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

52. 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

PUBLICATION

53. THE COGNIZANCE OF GREEN COMPUTING CONCEPT AND PRACTICES AMONG SECONDARY SCHOOL STUDENTS: A PRELIMINARY STUDY

INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS (IJACSA)

2021 JOURNAL WOS MAIN AUTHOR / CONTACT PERSON IN USIM

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

JURNAL PENDIDIKAN SAINS DAN MATEMATIK MALAYSIA

2021 JOURNAL MYCITE CORRESPONDING AUTHOR

55. 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

56. 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](https://IEEEXPLORE.IEEE.ORG/XPL/CONHOME/9611036/PROCEEDING))

2021 PROCEEDING NON-INDEX MAIN AUTHOR

57. THE HELIOGRAPHIC 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

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

INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE(IJURECON2020)

2021 PROCEEDING NON-INDEX MAIN AUTHOR

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

INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE(IJURECON2020)

2021 PROCEEDING NON-INDEX MAIN AUTHOR

60. A REVIEW ON DEMOGRAPHIC DISTRIBUTION OF ONLINE GAME PLAYERS

INSAN JUNIOR RESEARCHER INTERNATIONAL CONFERENCE 2020

2021 PROCEEDING NON-INDEX MAIN AUTHOR

61. NONI'S ADVENTURE ONLINE GAME

INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE(IJURECON2020)

2021 PROCEEDING NON-INDEX CO-AUTHOR

62. DESIGNING TANGIBLE 3D PRINTED CATHODE RAY OSCILLOSCOPE IN LEARNING ELECTRONIC FOR PHYSICS IN SECONDARY SCHOOL

INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE(IJURECON2020)

2021 PROCEEDING NON-INDEX CO-AUTHOR

63. SOLID WASTE MANAGEMENT: UNDERSTANDING TOURISTS ATTITUDE, MOTIVATION AND VOLUNTEERISM

2ND KUALA LUMPUR INTERNATIONAL CONFERENCE ON SOCIAL SCIENCES, EDUCATION AND ENGINEERING (KLISSEE2021)

2021 PROCEEDING NON-INDEX CO-AUTHOR

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

INTERNATIONAL VIRTUAL CONFERENCE ON LIBERAL STUDIES 2021 MASTERY OF MULTIDISCIPLINARY AND INTER-DISCIPLINARY SKILLS AND COMPETENCIES

2021 PROCEEDING NON-INDEX CO-AUTHOR

65. THE GIFTED STUDENT PERFORMANCE IN LEARNING PYTHON PROGRAMMING: A CASE STUDY

INTERNATIONAL VIRTUAL CONFERENCE ON LIBERAL STUDIES 2021 MASTERY OF MULTIDISCIPLINARY AND INTER-DISCIPLINARY SKILLS AND COMPETENCIES

2021 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

PUBLICATION

66. ACTIVE LEARNING IN EDUCATION 4.0: STUDENTS AS OWNERS OF LEARNING

2021 BOOK CHIEF EDITOR

67. TEKNOLOGI KOMPUTER QUANTUM: PENGKELASAN KETERBELITAN SISTEM TIGA QUBIT

2021 BOOK CHIEF EDITOR

68. TEKNOLOGI KOMPUTER QUANTUM: PENGKELASAN KETERBELITAN SISTEM TIGA QUBIT

2021 BOOK MAIN AUTHOR

69. FLIPPITY IN ADDITIONAL MATHEMATICS CLASS

ACTIVE LEARNING IN EDUCATION 4.0: STUDENTS AS OWNERS OF LEARNING

2021 CHAPTER IN BOOK CO-AUTHOR

70. 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

71. 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

72. STUDENTS' PERCEPTION ON PUTRA FIZIK MOBILE APPLICATION AS A COMPLEMENTARY TEACHING AND LEARNING TOOL FOR PHYSICS EDUCATION

JOURNAL OF ADVANCED RESEARCH IN DYNAMICAL AND CONTROL SYSTEMS - JARDCS

2020 JOURNAL SCOPUS CO-AUTHOR

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

JOURNAL OF COMPUTATIONAL AND THEORETICAL NANOSCIENCE

2020 JOURNAL SCOPUS MAIN AUTHOR

74. 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

75. USING GAME KIT FOR ENTHUSIASTIC AND INTERACTIVE LEARNING IN ADDITIONAL MATHEMATICS CLASSROOM

JOURNAL OF EDUCATION AND SOCIAL SCIENCES

2019 JOURNAL OTHER DATABASE CO-AUTHOR

76. 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

77. 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

78. CURRENT QUANTUM COMPUTER: ENTANGLEMENT MEASUREMENT

INNOVATION FOR SUSTAINABILITY AND GREEN TECHNOLOGY: DEGRADATION OF INANIMATE FORMS

2019 CHAPTER IN BOOK MAIN AUTHOR

PUBLICATION

79. WATSON-CRICK PETRI NET AND ITS STRUCTURAL PROPERTIES

INNOVATION FOR SUSTAINABILITY AND GREEN TECHNOLOGY:DEGRADATION OF INANIMATE FORMS

2019 CHAPTER IN BOOK CO-AUTHOR

80. 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

81. THE POWER OF QUANTUM COMPUTER AND ITS LIMITATIONS

INTERNATIONAL JOURNAL OF ENGINEERING SCIENCES & RESEARCH TECHNOLOGY

2017 JOURNAL OTHER DATABASE MAIN AUTHOR

82. A FRAMEWORK OF METHODS CLASSIFICATION FOR MULTIPARTITE ENTANGLEMENT

JOURNAL OF THEORETICAL AND APPLIED INFORMATION TECHNOLOGY

2015 JOURNAL SCOPUS MAIN AUTHOR

83. CLASSIFICATION BY OPERATIONAL METHOD FOR TRIPARTITE ENTANGLEMENT

THE 3RD NATIONAL DOCTORAL SEMINAR ON ARTIFICIAL INTELLIGENCE TECHNOLOGY

2014 PROCEEDING NON-INDEX MAIN AUTHOR

84. 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

85. 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

6. ANUGERAH PENULIS JURNAL CEMERLANG

2024 UNIVERSITY

7. ANUGERAH PENCERAMAH AKTIF

2024 UNIVERSITY

8. VISITING PROFESOR

HEAD OF INFORMATICS DEPARTMENT FACULTY OF INDUSTRIAL TECHNOLOGY

2024 INTERNATIONAL

9. ACADEMIC ADVISOR

JABATAN MATEMATIK DAN STATISTIK, FAKULTI SAINS, UNIVERSITI PUTRA MALAYSIA

2024 NATIONAL

10. E-GROW: GROWING PLANT FROM FOOD WASTE TO STRIVE ZERO HUNGER

INSAN JUNIOR RESEARCHER INTERNATIONAL CONFERENCE (IJURECON 2024)

2024 ANTARABANGSA GOLD

11. HIFZBUDDY: MASTER THE QURAN WITH EASE

INSAN JUNIOR RESEARCHER INTERNATIONAL CONFERENCE (IJURECON 2024)

2024 ANTARABANGSA GOLD

12. LEAF.IO: A MOBILE APP FOR FINANCIAL DISCIPLINE AND SUSTAINABILITY

INSAN JUNIOR RESEARCHER INTERNATIONAL CONFERENCE (IJURECON 2024)

2024 ANTARABANGSA GOLD

13. WHERE FUNCTIONS MEET FUN: GAMIFYING MATHEMATICAL CONCEPTS

Pertandingan Inovasi FKP 2024

2024 UNIVERSITI GOLD

14. ENHANCING MALAYSIAN HISTORY EDUCATION THROUGH AN INTERACTIVE BOARD GAME

Pertandingan Inovasi FKP 2024

2024 UNIVERSITI SILVER

AWARDS/RECOGNITION

15. LEARNING CRYPTOGRAPHY THROUGH MINECRAFT: AN ENGAGING AND INTERACTIVE EXPERIENCE

Pertandingan Inovasi FKP 2024

2024 UNIVERSITI SILVER

16. SECRETICORE: BIOLOGY MADE EASY

Pertandingan Inovasi FKP 2024

2024 UNIVERSITI SILVER

17. UNLOCKING CRYPTOGRAPHY THROUGH MINECRAFT: A FUN LEARNING ADVENTURE

INTERNATIONAL LEARNING RESOURCES FESTIVAL 2024

2024 ANTARABANGSA GOLD

18. CRYPTIQ: GAMIFYING APPROACH ON LEARNING CRYPTOGRAPHY

Pertandingan Inovasi FKP 2024

2024 UNIVERSITI SILVER

19. INTEGRATING GAMIFICATION TO ENHANCE GENERAL TERMINOLOGY IN CYBERSECURITY AND QUANTUM CRYPTOGRAPHY

Pertandingan Inovasi FKP 2024

2024 UNIVERSITI SILVER

20. INNOVATIVE AND ENGAGING VOCABULARY ACTIVITIES FOR TEACHING AND LEARNING ENGLISH

Pertandingan Inovasi FKP 2024

2024 UNIVERSITI SILVER

21. CREATIVE AND INTERACTIVE VOCABULARY ACTIVITIES FOR ENGLISH LANGUAGE INSTRUCTION AND LEARNING

EAST COAST SCHOOLS EDUCATION RESEARCH SYMPOSIUM (ECSERS) 2024

2024 KEBANGSAAN BRONZE

22. MASTERING SECURITY TERMS THROUGH BOARD GAME

EAST COAST SCHOOLS EDUCATION RESEARCH SYMPOSIUM (ECSERS) 2024

2024 KEBANGSAAN SILVER

23. BLOCK-BOUND SECRETS: TEACHING CRYPTOGRAPHY VIA MINECRAFT ADVENTURES

EAST COAST SCHOOLS EDUCATION RESEARCH SYMPOSIUM (ECSERS) 2024

2024 KEBANGSAAN BEST PAPER AWARD

24. ACCESSIBLE CONGKAK: A BOARD GAME FOR THE VISUALLY IMPAIRED

Pertandingan Inovasi FKP 2024

2024 UNIVERSITI GOLD

25. ECOGROW SMART GREENHOUSE : AN IOT ENABLED MINI GREENHOUSE FOR URBAN HOUSEHOLD FARMING

SMART INNOVATION COMPETITION 2024 INTERNATIONAL LEVEL

2024 ANTARABANGSA GOLD

26. ECOGROW SMART GREEN HOUSE : AN IOT-ENABLED MINI GREENHOUSE FOR URBAN HOUSEHOLD FARMING

SCEINCE AND TECHNOLOGY RESEARCH EXPO (SCITEX)

2024 UNIVERSITI GOLD

27. EXPLORING LEARNING GAPS IN THE FUNCTIONS SUBTOPIC: A STUDY OF FORM 4 KSSM ADDITIONAL MATHEMATICS PRETEST RESULTS OF SECONDARY SCHOOL

Semarak International Research Article Competition 2024 (SIRAC 2024)

2024 ANTARABANGSA SILVER

2024

ANTARABANGSA

GOLD

AWARDS/RECOGNITION

29. BLOCK-BOUND SECRETS: TEACHING CRYPTOGRAPHY VIA MINECRAFT ADVENTURES

EAST COAST SCHOOLS EDUCATION RESEARCH SYMPOSIUM (ECSERS) 2024

2024 KEBANGSAAN PLATINUM

30. SECRETICORE: THE BIOLOGICAL SECRET DOOR

INSAN JUNIOR RESEARCHER INTERNATIONAL CONFERENCE (IJURECON 2024)

2024 ANTARABANGSA SILVER

31. REVITALIZING MALAYSIAN HISTORY EDUCATION WITH AN ENGAGING BOARD GAME

INTERNATIONAL LEARNING RESOURCES FESTIVAL 2024

2024 ANTARABANGSA BRONZE

32. A STRATEGIC APPROACH: GAMIFYING ADDITIONAL MATHEMATICS

MATH INVENTION, INNOVATION & DESIGN COMPETITION

2024 KEBANGSAAN GOLD

33. BLOCK BY BLOCK: EXPLORING ADDITIONAL MATHEMATICS IN MINECRAFT EDUCATION

MATH INVENTION, INNOVATION & DESIGN COMPETITION

2024 KEBANGSAAN BRONZE

34. EGROW: GROWING PLANT FROM FOOD WASTE TO STRIVE ZERO HUNGER

JOHOR INTERNATIONAL INNOVATION INVENTION COMPETITION AND SYMPOSIUM (JIIICaS 2024)

2024 ANTARABANGSA GOLD

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

KONFERENSI NASIONAL TEKNOLOGI INFORMASI

2024 ANTARABANGSA BEST PAPER AWARD

36. EGROW: GROWING PLANT FROM FOOD WASTE TO STRIVE ZERO HUNGER

SMART INNOVATION COMPETITION 2024 INTERNATIONAL LEVEL

2024 ANTARABANGSA BRONZE

37. USIM QUANTUM

Ulul Albab Innovation Competition Exhibition 2024

2024 KEBANGSAAN BRONZE

38. ENHANCING QUANTUM INFORMATION PROCESSING ? SU(2) OPERATOR MODEL DEVELOPMENT FOR THREE-QUBIT QUANTUM SYSTEMS ENTANGLEMENT CLASSIFICATION

Semarak International Research Article Competition 2024 (SIRAC 2024)

2024 ANTARABANGSA SILVER

39. VOCABULARY GAME: AN ALTERNATIVE TEACHING AND LEARNING TOOLS FOR STUDENTS

PUTRA INNOCREATIVE POSTER COMPETITION INTERNATIONAL PUTRA INNOCREATIVE CARNIVAL IN TEACHING AND LEAR

2023 ANTARABANGSA BRONZE

40. BLOCH CODE: EDUCATION GAME TO LEARN FUNDAMENTAL OF QUANTUM COMPUTING FOR SECONDARY SCHOOL

PUTRA INNOCREATIVE POSTER COMPETITION INTERNATIONAL PUTRA INNOCREATIVE CARNIVAL IN TEACHING AND LEAR

2023 ANTARABANGSA BRONZE

41. ILLUMINATING THE KEY FEATURES OF EDUCATIONAL APPS

Insan Junior Researchers International Conference (ijURECON 2023)

2023 ANTARABANGSA SILVER

42. INNOVATIVE AND ENGAGING VOCABULARY GAMES FOR TEACHING AND LEARNING THE ENGLISH LANGUAGE

Language Research and Innovation Competition (LaRIC 2023)

2023

ANTARABANGSA

SILVER

AWARDS/RECOGNITION

43. ENTANGLEMENT CLASSIFICATION ALGORITHM: AN ESSENCE TO QUANTUM TECHNOLOGIES AND APPLICATION

SCIENCE AND TECHNOLOGY RESERACH EXPO (SCITEX@20TH FST)

2023 UNIVERSITI SILVER

44. CUBE RUN: GAMIFICATION IN EDUCATION

INTERNATIONAL COMPETITION FOR EDUCATIONAL INNOVATION & RESEARCH (EDUINNOVATION 2023)

2023 ANTARABANGSA SILVER

45. CRYPTOXPLORE: EXPLORING CRYPTOGRAPHY IN A NOVEL WAY

Innovative Research, Invention and Application Exhibition

2023 ANTARABANGSA BRONZE

46. DESIGNING AN INVENTIVE BOARD GAME TO FOSTER INTERACTIVE LEARNING IN ADDITIONAL MATHEMATICS

PUTRA INNOCREATIVE POSTER COMPETITION INTERNATIONAL PUTRA INNOCREATIVE CARNIVAL IN TEACHING AND LEAR

2023 ANTARABANGSA GOLD

47. ENHANCING LEARNING OF TRIANGLES VIA MINECRAFT EDUCATION

PUTRA INNOCREATIVE POSTER COMPETITION INTERNATIONAL PUTRA INNOCREATIVE CARNIVAL IN TEACHING AND LEAR

2023 ANTARABANGSA SILVER

48. ASSESSING STUDENT AWARENESS OF CYBERSECURITY: A MINI SURVEY

Insan Junior Researchers International Conference (iJURECON 2023)

2023 ANTARABANGSA GOLD

49. PYXISTA SNAKE AND LADDER BOARD GAME

Insan Junior Researchers International Conference (iJURECON 2023)

2023 ANTARABANGSA SILVER

50. THE ENIGMATIC FUNCTION ORB

Insan Junior Researchers International Conference (iJURECON 2023)

2023 ANTARABANGSA GOLD

51. ENTANGLEMENT CLASSIFICATION: A KEY TO A PROFOUND QUANTUM TECHNOLOGIES AND APPLICATIONS

3rd Graduate Digital Invention, Innovation & Design (GDIID) 2023

2023 KEBANGSAAN BRONZE

52. EMPOWERING EDUCATION: GAMIFYING ADDITIONAL MATHEMATICS LEARNING USING SCRATCH

PUTRA INNOCREATIVE POSTER COMPETITION INTERNATIONAL PUTRA INNOCREATIVE CARNIVAL IN TEACHING AND LEAR

2023 ANTARABANGSA SILVER

53. ANUGERAH PERKHIDMATAN CEMERLANG

2022 UNIVERSITY

54. ANUGERAH PROJEK PENYELIDIKAN TERBAIK

2022 OTHERS

55. MINECRAFT-ED LEARN ADDITIONAL MATHEMATICS VIA AN INTERACTIVE APPROACH

INTERNATIONAL COMPETITION AND EXHIBITION ON COMPUTING INNOVATION 2022 (iCE-CInno 2022)

2022 ANTARABANGSA GOLD

56. SOLVING NONSTIFF HIGHER ORDER ODES DIRECTLY USING VARIABLE ORDER STEP SIZE BACKWARD DIFFERENCE FORMULATION

INNOVATION BANK CHALLENGE (IBC 2022)

2022 UNIVERSITI BRONZE

AWARDS/RECOGNITION

57. MODERN CRYPTOGRAPHY VS QUANTUM CRYPTOGRAPHY: LIMITATIONS AND ADVANTAGES

INNOVATION BANK CHALLENGE (IBC 2022)

2022 UNIVERSITI CERTIFICATE OF APPRECIATION

58. ALTERNATIVE ASSESSMENT FOR ADDITIONAL MATHEMATICS AND ENGLISH SUBJECTS IN SCHOOL

INTERNATIONAL PUTRA INNOCREATIVE CARNIVAL IN TEACHING ADN LEARNING 2022 (PICTL 2022)

2022 ANTARABANGSA SILVER

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

INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE (IJURECON2021)

2021 KEBANGSAAN CERTIFICATE OF APPRECIATION

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

INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE (IJURECON2021)

2021 KEBANGSAAN CERTIFICATE OF APPRECIATION

61. THE GIFTED STUDENT PERFORMANCE IN LEARNING PYTHON PROGRAMMING: A CASE STUDY

INTERNATIONAL VIRTUAL CONFERENCE ON LIBERAL STUDIES 2021 MASTERY OF MULTIDISCIPLINARY AND INTER-DISC

2021 ANTARABANGSA BEST PAPER AWARD

62. NONIS ADVENTURE:THE DEVELOPMENT OF AN ONLINE MATHEMATICS GAME FOR PRIMARY SCHOOL STUDENTS

eCARNIVAL RESEARCH INNOVATION (eCRI 2020)

2020 KEBANGSAAN SILVER

63. SAMA: AN INTERACTIVE BOARD GAME FOR LEARNING ADDITIONAL MATHEMATICS IN SCHOOL

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

2020 KEBANGSAAN SILVER

64. CRYPT-ON-LEARN CRYPTOGRAPHY WITH RPG

NATIONAL STEM INNOVATION CARNIVAL 2020

2020 KEBANGSAAN BRONZE

65. LEARN HISTORY INTEGRATED WITH CRYPTOGRAPHY THROUGH GAMIFICATION APPROACH

INTERNATIONAL PUTRA INNOCREATIVE CARNIVAL IN TEACHING AND LEARNING 2020

2020 ANTARABANGSA SILVER

66. CRYPTON HEROES: LEARN CRYPTOGRAPHY USING RPG

INTERNATIONAL PUTRA INNOCREATIVE CARNIVAL IN TEACHING AND LEARNING 2020

2020 ANTARABANGSA SILVER

67. EXPERIENTIAL LEARNING THROUGH VIDEO DEVELOPMENT PROJECT FOR DIGITAL MARKETING

INTERNATIONAL PUTRA INNOCREATIVE CARNIVAL IN TEACHING AND LEARNING 2020

2020 ANTARABANGSA GOLD

68. SENI MATEMATIK TAMBAHAN DAN BAHASA MELAYU: PENGGUNAAN PENTAKSIRAN ALTERNATIF DI SEKOLAH

INTERNATIONAL PUTRA INNOCREATIVE CARNIVAL IN TEACHING AND LEARNING 2020

2020 ANTARABANGSA GOLD

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

INTERNATIONAL INNOVATION COMPETITION (INNOCOM2020)

2020 ANTARABANGSA SILVER

AWARDS/RECOGNITION

71. 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

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

eCARNIVAL RESEARCH INNOVATION (eCRI 2020)

2020 KEBANGSAAN SILVER

73. MATERIALS TECHNOLOGY CHALLENGE AWARD

2019 INTERNATIONAL

74. 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