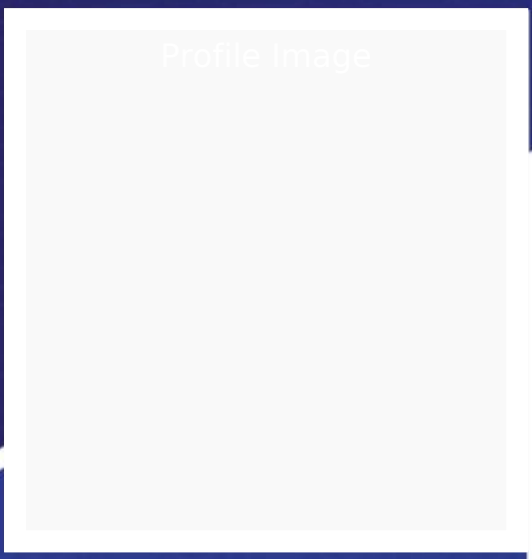

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SUPERVISION

PhD - Completed: 0, O
1

Master - Completed: 0, Ongoing: 1

AREAS OF EXPERTISE

Nano Structured Materials

Magnetic Material Physics

Polymer-based Composites

ACADEMIC QUALIFICATION

PhD in Nanoteknologi (2017)

Master in Bahan Dan Teknologi Nano (2013)

Bachelor in Sains Bahan (2010)

RESEARCH

1. ELECTROMAGNETIC WAVE ABSORPTION MECHANISM OF HYBRID NANO-COMPOSITE-3D

2020 | GERAN KPT | COMPLETED | MAIN RESEARCHER

2. 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 | 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 (<10 YEARS) MAIN AUTHOR

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

INDONESIAN JOURNAL OF INFORMATION SYSTEMS (IJIS)

2024 JOURNAL OTHER DATABASE MAIN AUTHOR

3. TRANSFORMING ENVIRONMENTAL EXPLORATION INTO 3D OBJECTS AND UNLOCKING THE WISDOM OF AL-QURAN KNOWLEDGE

3D PRINTING ACTIVITY FOR YOUNG INNOVATORS

2024 CHAPTER IN BOOK MAIN AUTHOR

4. EMBARKING ON THE 3D MODELLING JOURNEY: CREATING MY FIRST DESIGN

3D PRINTING ACTIVITY FOR YOUNG INNOVATORS

2024 CHAPTER IN BOOK MAIN AUTHOR

5. INNOVATION UNVEILED: PRESENTING MY INVENTIVE MODEL IN THE PROJECT REPORT

3D PRINTING ACTIVITY FOR YOUNG INNOVATORS: DESIGN IT! CREATE IT!INNOVATE IT!

2024 CHAPTER IN BOOK MAIN AUTHOR

6. PENGGUNAAN PENGIMEJAN RESONANS MAGNETIK(MRI) SEBAGAI INTERVENSI ALTERNATIF KEPADA MEREKA YANG MEMPUNYAI MASALAH DYSARTHRIA UNTUK MEMBACA AL-QURAN

QALAM INTERNATIONAL JOURNAL OF ISLAMIC AND HUMANITIES RESEARCH (E-ISSN 2773-6334)

2023 JOURNAL OTHER DATABASE MAIN AUTHOR

7. MATERIALS? CHARACTERIZATION AND PROPERTIES OF MULTIWALLED CARBON NANOTUBES FROM INDUSTRIAL WASTE AS ELECTROMAGNETIC WAVE ABSORBER

JOURNAL OF NANOPARTICLE RESEARCH

2022 JOURNAL INDEXED BY ERA MAIN AUTHOR

8. 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

9. 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

10. PHYCISC (CONCEPTUALIZATION ENRICHMENT, UNDERSTANDING ENRICHMENT)

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

2022 CHAPTER IN BOOK MAIN AUTHOR

11. PHYSICS (CONCEPTUALIZATION ENRICHMENT, UNDERSTANDING ENRICHMENT)

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

2022 CHAPTER IN BOOK MAIN AUTHOR

12. PHYSICS (WAVES)

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

13. POLISI AKADEMIK KOLEJ GENIUS INSAN 2022

2022 POLICY

PUBLICATION

14. MULTIPLE REFLECTIONS OF SPIRAL AND SPRING PASTA-LIKE CARBON NANOCOILS IN ABSORBING THE EMI WAVE

THE 4TH INTERNATIONAL MALAYSIA-INDONESIA-THAILAND SYMPOSIUM ON INNOVATION AND CREATIVITY, 2021

2021 PROCEEDING NON-INDEX MAIN AUTHOR

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

INTERNATIONAL MULTIDISCIPLINARY INNOVATION COMPETITION

2021 PROCEEDING NON-INDEX MAIN AUTHOR

16. USING NLP TECHNIQUES TO IDENTIFY STUDENTS? LEARNING STYLE BASED ON VAK LEARNING METHOD

ACTIVE LEARNING IN EDUCATION 4.0 STUDENTS AS OWNERS OF LEARNING

2021 CHAPTER IN BOOK MAIN AUTHOR

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

JOURNAL OF COMPUTATIONAL AND THEORETICAL NANOSCIENCE

2020 JOURNAL SCOPUS MAIN AUTHOR

18. ENHANCING MICROWAVE ABSORBING PROPERTIES OF NICKEL-ZINCFERRITE WITH MULTIWALLED CARBON NANOTUBES (MWCNT) LOADING AT HIGHER GIGAHERTZ FREQUENCY

POSTGRADUATE SEMINAR FACULTY SCIENCE AND TECHNOLOGY

2020 PROCEEDING NON-INDEX MAIN AUTHOR

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

INTERNATIONAL INNOVATION COMPETITION (INNOCOM) 2020

2020 PROCEEDING NON-INDEX MAIN AUTHOR

20. RECYCLING AND UTILISATION OF MILL SCALE TO PRODUCE CURRENT SMART ELECTROMAGNETIC ABSORBING MATERIAL

INNOVATION FOR SUSTAINABILITY AND GREEN TECHNOLOGY: DEGRADATION OF INANIMATE FORMS

2019 CHAPTER IN BOOK MAIN AUTHOR

21. METHOD FOR PRODUCING LIGHTWEIGHT ABSORBING MATERIAL FOR ELECTROMAGNETIC RADIATION ABSORPTION, LIGHTWEIGHT ABSORBING MATERIAL AND SPIRAL-LIKE CARBON NANOFIBER ASSOCIATED THEREOF

2018 POLICY

22. RECENT DEVELOPMENTS OF SMART ELECTROMAGNETIC ABSORBERS BASED POLYMER-COMPOSITES AT GIGAHETTZ FREQUENCIES

JOURNALS OF MAGNETISM AND MAGNETIC MATERIALS

2016 JOURNAL SCOPUS MAIN AUTHOR

23. MICROWAVE ABSORPTION CHARACTERISTICS OF SOME FERRITE-FILLED POLYMER COMPOSITES.

ADVANCED MATERIALS RESEARCH

2014 JOURNAL SCOPUS MAIN AUTHOR

24. BROADENING OF EM ENERGY-ABSORPTION FREQUENCY BAND BY MICROMETER-TO-NANOMETER GRAIN SIZE REDUCTION IN NIZN FERRITE.

IEEE TRANSACTIONS ON MAGNETICS

2013 JOURNAL SCOPUS MAIN AUTHOR

25. SYNTHESIS AND CHARACTERISATION OF NIZN-FERRITE (0.5? X ?0.8) FOR MICROWAVE ABSORPTION VIA MECHANICAL ALLOYING.

26TH REGIONAL CONFERENCE ON SOLID STATE SCIENCE AND TECHNOLOGY 2011

2011 PROCEEDING NON-INDEX MAIN AUTHOR

AWARDS/RECOGNITION

1. EDITOR'S CHOICE ARTICLE

2024 INTERNATIONAL

2. ANUGERAH PENYELIDIK CEMERLANG

2024 UNIVERSITY

3. ANUGERAH PENULIS CEMERLANG

2024 UNIVERSITY

4. ANUGERAH PENULIS JURNAL TERBAIK

2024 UNIVERSITY

5. ANUGERAH PENULIS JURNAL CEMERLANG (MEI 2024)

2024 UNIVERSITY