



PROF. MADYA DR. SYAHIDA BINTI SUHAIMI

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Address: Fakulti Sains Dan
Teknologi

SUPERVISION

PhD - Completed: 0, Ongoing: 1

Master - Completed: 0, Ongoing: 6

AREAS OF EXPERTISE

Nano - Materials

BIOGRAPHY

A lecturer from Fakulti Sains Dan Teknologi. Holds a Phd in Sains (fizik).

ACADEMIC QUALIFICATION

Phd in Sains (fizik) (2016)

Bachelor in Sains (fizik Bahan) (2012)

RESEARCH

1. EVALUATION OF THE ROLE OF DOPING COMPOSITION IN ZNO/C ANODE MATERIALS FOR PROTON BATTERIES: INSIGHTS FROM STRUCTURAL TO CONDUCTIVITY INVESTIGATIONS

2024 ON GOING MAIN RESEARCHER

2. STRUCTURAL AND ELECTRICAL PROPERTIES OF SI/ZNO/C AND SI/ZN/C NANOSTRUCTURE COMPOSITES AS ANODE USING HOT TUBE THERMAL EVAPORATION SYSTEM FOR HIGH CAPACITY BATTERIES

2021 ON GOING MAIN RESEARCHER

3. CHARACTERIZATION OF TIN-DOPED ZINC OXIDE NANOWIRES SYNTHESIZED BY HOT-TUBE THERMAL EVAPORATION METHOD

2018 COMPLETED MAIN RESEARCHER

PUBLICATION

1. THE ADVANCEMENT OF SEMICONDUCTOR MATERIALS AND DEVICES IN AGRICULTURE

2023 BOOK

2. TRENDS OF SEMICONDUCTOR FABRICATION AND APPLICATION

2022 BOOK

3. ZNO COATED OPTICAL FIBER FOR ALCOHOL SENSING APPLICATIONS

2020 JOURNAL

4. ALKALI TREATMENT ON HYBRID PINEAPPLE LEAF AND GLASS FIBRE REINFORCED EPOXY COMPOSITES

2019 JOURNAL

5. EFFECT OF NATURAL DYE SENSITIZERS TOWARDS THE IMPROVEMENT OF DYE-SENSITIZED SOLAR CELL (DSSC) EFFICIENCY

2019 PROCEEDING

6. THE STRUCTURAL PROPERTIES OF SN-DOPED ZINC OXIDE SYNTHESIZED BY HOT-TUBE THERMAL EVAPORATION

2018 PROCEEDING

7. OPTIMIZATION OF DYE EXTRACTION FROM PURPLE CABBAGE AND CORDYLINE FRUTICOSA IN DYE-SENSITIZED SOLAR CELL

2018 PROCEEDING

8. STRUCTURAL PROPERTIES OF SN-DOPED ZINC OXIDE SYNTHESIZED BY HOT-TUBE THERMAL EVAPORATION

2017 PROCEEDING

9. EFFECT OF ALKALI TREATMENT ON THE WATER ABSORPTION OF HYBRID PINEAPPLE LEAF/ GLASS FIBRE REINFORCED EPOXY

2017 PROCEEDING

10. A CATALYST-FREE GROWTH OF ALUMINUM-DOPED ZNO NANORODS BY THERMAL EVAPORATION

2014 JOURNAL

CONSULTATION/ADULATION

1. KOSIST 2018

2018 INTERNATIONAL FST USIM

AWARDS/RECOGNITION

1. EDITOR'S CHOICE ARTICLE AWARD

2025 INTERNATIONAL

2. ANUGERAH PENERBITAN BUKU

2025 UNIVERSITY

3. ANUGERAH PENERBITAN BUKU

2025

UNIVERSITY

4. ANUGERAH PENERBITAN JURNAL BERINDEKS WOS/SCOPUS/MYCITE

2025

UNIVERSITY

5. ANUGERAH PENERIMA GERAN PENYELIDIKAN

2025

UNIVERSITY