



PROF. MADYA DR. SYAZA BINTI AZHARI

PENSYARAH UNIVERSITI DS14

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Address: Fakulti Sains Dan
Teknologi

SUPERVISION

PhD - Completed: 1, Ongoing: 2

Master - Completed: 2, Ongoing: 2

AREAS OF EXPERTISE

Other Analytical Chemistry

Drinking Water Quality

Applied Chemistry

BIOGRAPHY

A lecturer from Fakulti Sains Dan Teknologi. Holds a Phd in Sains Kimia.

ACADEMIC QUALIFICATION

Phd in Sains Kimia (2017)

Bachelor in Sains Kimia (2011)

RESEARCH

1. THE DEVELOPMENT OF RAPID IN-SITU ELECTROCHEMICAL BIOSENSOR PROTOTYPE FOR BIOGENIC AMINE DETERMINATION

2024

ON GOING

MAIN RESEARCHER

2. PROGRAM: ENZYME BASED ELECTROCHEMICAL BIOSENSOR FOR DETECTION OF BIOGENIC AMINE IN HALAL AND NON-HALAL SLAUGHTERED CHICKEN PROJEK: MANAGEMENT OF HALAL ASSURANCE SYSTEM FOR CHICKEN SLAUGHTERING INDUSTRY?IN? MALAYSIA

2023

ON GOING

MAIN RESEARCHER

3. AKTIVITI INSPIRASI SAINS DAN TEKNOLOGI MELALUI MODUL UDARA DAN PENCEMARAN KEPADA PELAJAR SERTA LATIHAN EKSPERIMENTASI SAINS KEPADA PARA GURU BAGI MENINGKATKAN KUALITI PENDIDIKAN MASYARAKAT LUAR BANDAR DI NEGERI SEMBILAN

2021

ON GOING

MAIN RESEARCHER

4. CHARACTERIZATION AND ANALYTICAL OPTIMIZATION OF ELECTROCHEMICAL BIOSENSOR FOR DETERMINATION OF BIOGENIC AMINE IN FOOD SAMPLES.

2019

COMPLETED

MAIN RESEARCHER

5. MICROSCALE CHEMISTRY KIT FOR SCHOOLS

2019

COMPLETED

MAIN RESEARCHER

6. MECHANISM OF BACTERIA INHIBITION AND ANTI-ADHESION
TOWARDS THE PHYSICO-CHEMICAL PROPERTIES OF SOIL WATER
DURING SERTU PROCESS

2018 COMPLETED MAIN RESEARCHER

PUBLICATION

1. HIGH REPRODUCIBILITY OF FACILE PB(II) ION ELECTROCHEMICAL SENSOR BASED ON BIM/SBA-15

2025 JOURNAL

2. BIOMIMETIC KENAF-BASED DENTAL CALCULUS FOR PRECLINICAL TRAINING

2025 PROCEEDING

3. THE DEVELOPMENT OF ECOCALDENT PROTOTYPE (AN ARTIFICIAL DENTAL CALCULUS)

2025 PROCEEDING

4. SEWAGE WATER TREATMENT AND ITS EFFECT ON THE CLEANLINESS OF WATER: A REVIEW FROM ISLAMIC AND SCIENCE PERSPECTIVE

2024 JOURNAL

5. CABARAN KONTEMPORARI DALAM MEMBENTUK KEPIMPINAN DAN SAHSIAH PELAJAR: STRATEGI PENGETUA-PENGETUA DI UNIVERSITI SAINS ISLAM MALAYSIA

2024 PROCEEDING

6. ISU DAN CABARAN MEDIA SOSIAL TERHADAP PEMBANGUNAN SAHSIAH PELAJAR: PENGALAMAN DALAM KALANGAN PENGETUA DI UNIVERSITI SAINS ISLAM MALAYSIA

2024 PROCEEDING

7. SUMBANGAN SAINS DAN TEKNOLOGI DALAM MEMBENDUNG JANGKITAN VIRUS COVID-19 DALAM NORMA BARU

2022 CHAPTER IN BOOK

8. PENGENALAN KEPADA NORMA BAHARU: USAHA SAINS MEMAHAMI KEPERLUAN MASYARAKAT

2022 CHAPTER IN BOOK

9. DETERMINATION OF CADMIUM IONS USING SCHIFF-BASE MODIFIED CARBON PASTE ELECTRODE: A BOX-BEHNKEN DESIGN APPROACH

2020 JOURNAL

10. ANTIBACTERIAL ACTIVITY OF SOIL WATER AND SOAP WATER DURING SERTU PROCESS

2020 PROCEEDING

11. ANALYSIS OF CATION AND ANION IN SOIL WATER AND CLAY SOAP DURING SERTU PROCESS TOWARDS ANTIBACTERIAL ACTIVITY

2019 PROCEEDING

12. FABRICATION OF A COMPOSITE MODIFIED GLASSY CARBON ELECTRODE: A HIGHLY SELECTIVE, SENSITIVE AND RAPID ELECTROCHEMICAL SENSOR FOR SILVER ION DETECTION IN RIVER WATER SAMPLES

2016 JOURNAL

13. DIFFERENTIAL PULSE ANODIC STRIPPING VOLTAMMETRY DETERMINATION OF COPPER (II) AT GLASSY CARBON ELECTRODE IN THE PRESENCE OF BIS(BENZYLIDENE)ETHYLENEDIAMINE AS A NOVEL COMPLEXING AGENT

2015 JOURNAL

14. ENHANCEMENT OF STRIPPING TECHNIQUE FOR COPPER(II) DETECTION IN WATER SAMPLE USING N,N'-BIS(2-HYDROXY-4-METHOXYACETOPHENONE)ETHYLENEDIAMINE (BME)

2014 JOURNAL

CONSULTATION/ADULATION

1. CONSULTATION PROJECT ON HALAL ASSESSMENT APTAMER

2024 NATIONAL BIOGENES TECHNOLOGIES

2. PENJANA KEMENTERIAN PENGAJIAN TINGGI - PENSIJILAN PROFFESIONAL (KPT-PACE)

2023 UNIVERSITY KEMENTERIAN PENGAJIAN TINGGI

3. PERUNDING PROJEK SISTEM KEDATANGAN PELAJAR USIM

2023 UNIVERSITY USIM

4. PANEL HAKIM PERTANDINGAN GREEN TECHNOLOGY SHOW PERINGKAT WILAYAH PERSEKUTUAN PUTRAJAYA 2018

2018 NATIONAL KEMENTERIAN PENDIDIKAN MALAYSIA

AWARDS/RECOGNITION

1. ANUGERAH INOVASI

2025 UNIVERSITY

2. ANUGERAH PENERIMA GERAN PENYELIDIKAN

2025 UNIVERSITY

3. ANUGERAH PERUNDINGAN

2025 UNIVERSITY

4. ANUGERAH PENCAPAIAN RPI TERTINGGI (10 TERBAIK)

2025 UNIVERSITY

5. ANUGERAH PENERBITAN JURNAL BERINDEKS

2025 UNIVERSITY