DR. LIYANA AMALINA BINTI ADNAN

PENSYARAH UNIVERSITI DS13

CONTACT

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SUPERVISION

PhD - Completed: 0, Ongoing: 0

Master - Completed: 0, Ongoing: 0

AREAS OF EXPERTISE

BIOGRAPHY

A lecturer from Kolej Permata Insan. Holds a Phd in Kimia.

ACADEMIC QUALIFICATION

Phd in Kimia (2017)

Bachelor in Kimia Industri (2012)

RESEARCH

1. BIODEGRADATION PATHWAY OF NEW EMERGING POLLUTANTS BY NEWLY ISOLATED FUNGI

2018 COMPLETED MAIN RESEARCHER

PUBLICATION

1. DENTAL DISEASE TREATMENT IN THE TIB MANUSCRIPT MSS2515 VIA HALAL MATERIAL USAGE

2025 JOURNAL

2. RECENT ADVANCES IN METHYLENE BLUE ADSORPTION USING CLINOPTILOLITE: MECHANISMS, MODIFICATIONS, AND FUTURE PERSPECTIVES

2025 JOURNAL

3. FUNCTIONAL GROUPS? CHARACTERIZATION OF OIL FROM BAECKEA FRUTESCENS USING ATTENUATED TOTAL REFLECTANCE- FOURIER TRANSFORM INFRARED SPECTROSCOPY (ATR-FTIR)

2023 PROCEEDING

4. RESEARCH ON BLACK GINGER (KAEMPFERIA PARVIFLORA)

2022 PROCEEDING

5. POLYMER FORMULATION USED IN CARBON MEMBRANE SYNTHESIS AND PERFORMANCE EVALUATION

2022 PROCEEDING

6. PROFILING OF METABOLITES COMPOUND IN CHROMOLAENA ODORATA USING GAS CHROMOTOGRAPHY-MASS SPECTRUM (GC-MS)

2022 PROCEEDING

7. COMPARING THE BIOACTIVE COMPOUNDS OF CRESCENTIA CUJETE TO PAINKILLER

2022 PROCEEDING

8. KIMIA

2022 CHAPTER IN BOOK

9. KIMIA

2022 CHAPTER IN BOOK

10. INTERACTIVE LEARNING ACTIVITIES VIA PRACTICAL SESSION AND CYBER TECHNOLOGY

2021 CHAPTER IN BOOK

11. MODUL 4: SISTEM PENAPISAN AIR

2020 CHAPTER IN BOOK

12. IMPACT OF PHYSICO-CHEMICAL PARAMETERS ON THE BIODEGRADATION OF BENZO(A)PYRENE BY PLEUROTUS ERYNGII F032

2019 JOURNAL

13. BIODEGRADATION PATHWAY OF HEXACHLOROCYCLOHEXANE MEDIATED BY ASCOMYCETE FUNGUS TRICHODERMA LIXII F21

2019 CHAPTER IN BOOK

14. IMPACT OF PHYSICO-CHEMICAL PARAMETERS ON THE BIODEGRADATION OF BENZO(A)PYRENE BY PLEUROTUS ERYNGII F032

2018 PROCEEDING

15. RAPID BIOREMEDIATION OF ALIZARIN RED S AND QUINIZARINE GREEN SS DYES USING TRICHODERMA LIXII F21 MEDIATED BY BIOSORPTION AND ENZYMATIC PROCESSES

2017 JOURNAL

16. BIODEGRADATION PATHWAY OF ACID RED 27 BY WHITE- ROT FUNGUS ARMILLARIA SP. F022 AND PHYTOTOXICITY EVALUATION

2016 JOURNAL

17. METABOLITES CHARACTERISATION OF LACCASE MEDIATED REACTIVE BLACK 5 BIODEGRADATION BY FAST GROWING ASCOMYCETE FUNGUS TRICHODERMA ATROVIRIDE F03

2015 JOURNAL

18. BIODEGRADATION OF BIS-AZO DYE REACTIVE BLACK 5 BY WHITE-ROT FUNGUS TRAMETES GIBBOSA SP. WRF 3 AND ITS METABOLITE CHARACTERIZATION

2014 JOURNAL

AWARDS/RECOGNITION

1. STAF CONTOH (KATEGORI AKADEMIK)

2025 UNIVERSITY

2. ACADEMIC ADVISOR

2025 UNIVERSITY

3. ACADEMIC ADVISOR

2025 UNIVERSITY

4. ACADEMIC PROGRAM ADVISOR

2025 NATIONAL

5. ACADEMIC PROGRAM ADVISOR

2025 NATIONAL