

NUR HAZIMAH BINTI SADON

+60174181458

Nurhazimah731@gmail.com

Simpang Empat, Perlis



OBJECTIVE

A physics graduate with a strong foundation in material science, quality management, and industrial safety. Seeking a position where I can apply my problem-solving skills and grow through continuous learning, while contributing to operational efficiency and product quality in a dynamic environment.

SKILLS

- **Effective communication:** Capable of presenting complex concepts in clear, understandable terms for diverse audiences.
- **Laboratory Research:** Skilled in Material characterization, metal matrix composite fabrication and safety protocols.
- **Data Analysis:** Proficient in interpreting experimental results.
- **Attention to Detail:** Strong organizational skill with a focus on accuracy in documentation and procedures.
- **Problem-Solving:** Identifying and addressing challenges.
- **Teamwork:** Collaborating effectively in teams.
- **Technical Proficiency:** Proficient in Microsoft Office (Word, Excel, PowerPoint).
- **Quality & Safety Management:** Understanding quality control and safety protocols.

EDUCATION

Bachelor of Science (Honours) Physics, UITM Arau, Perlis

2020-2024

CGPA: 3.27

- Relevant coursework: Quality Management and Industrial Safety, Occupational Safety and Health, Instrumentation and Measurement Techniques, Properties of Functional Materials, Advanced Physics Laboratory.

Kolej Matrikulasi Perlis

2019-2020

CGPA: 2.54

MUET : Band 4

Sijil Pelajaran Malaysia (SPM), SMK Agama (P) Kangar, Perlis

2014-2018

Grades: 1A+2A1A-2B+3B1C

- Achiever of the Best Average Grade Award for SPM Trial Exam

FINAL YEAR PROJECT

Characterization of AZ91 Metal Matrix Composite Reinforced with Graphene

- Applied powder metallurgy techniques, including mixing, compaction, and sintering.
- Optimized sintering temperature to improve material properties at 400°C.
- Conducted physical and mechanical analysis of AZ91 reinforced with graphene.

WORK EXPERIENCE

Internship Teacher, SMK Syed Saffi Simpang Empat, Perlis

October 2023 - January 2024

- Developed and delivered interactive Physics and Science lesson plans, enhancing student understanding of complex concepts.
- Conducted practical experiments while adhering to strict safety protocols, ensuring a productive learning environment.
- Fostered a collaborative classroom atmosphere, encouraging questions and active participation.

Online tutor, Tutorkami.Com

January 2022 - March 2022

- Provided additional mathematics tutoring services, analyzing student needs and creating tailored lesson plans.
- Built strong rapport with students and parents, underscoring my ability to communicate effectively with diverse individuals.

LEADERSHIP

Vice Secretary of the Physics Club at UITM, Arau, Perlis

- Managed club operations, including record-keeping and event coordination, demonstrating organizational skills.
- Assisted in budget management and logistics planning, showcasing responsibility and attention to detail.
- Conducted data analysis for performance assessment and decision-making, reflecting analytical skills.

Facilitator at UITM, Arau, Perlis

- Cultivated external partnerships to enhance opportunities.
- Directed activities and workshops to foster growth and teamwork.
- Conducted comprehensive training sessions for skill development.

LANGUAGES

- Malay
- English