

CURRICULUM VITAE



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Education

1. Doctor of Philosophy – Engineering, The University of Melbourne, Australia
2. Master of Process Safety and Loss Prevention, Universiti Putra Malaysia, Malaysia
3. Bachelor of Engineering (Chemical), Universiti Putra Malaysia, Malaysia

Areas of Interest

1. Process Safety
2. Occupational Safety and Health
3. Ergonomics
4. Engineering / Health Sciences Education
5. Concept Mapping

Professional Qualification/ Membership/ Affiliation

1. Ergonomics Trained Person (Advanced)
2. Graduate Engineer (Chemical) – G1203748A
3. Human Factors and Ergonomics Society Malaysia – 0372
4. Malaysia Society for Occupational Safety and Health – I8401

Appointments (Inside and Outside UPM)

Date	Designation	Remarks
1. Dec 2023 - Present	Head of Occupational Health Unit	Department of Environmental and Occupational Health, Faculty of Medicine and Health Sciences UPM
2. Aug 2023 - Present	Head of Planning Unit	Occupational and Safety, Faculty of Medicine and Health Sciences UPM
3. Jan 2024 - Present	Advisor of Student Chapter	Human Factors and Ergonomics Society
4. Sept 2021 - Present	Senior Lecturer	Department of Environmental and Occupational Health, Faculty of Medicine and Health Sciences UPM
5. 2023	Panel Moderation	Faculty of Corporate Investigation, Smart College Kuala Lumpur

Publications

Journals (in 5 years)

1. Ahmad, N. S., *Karuppiah, K., Praveena, S. M., Ali, N. F., Ramdas, M., and Mohammad Yusof, N. A. D. (2024). Cracking the Code: Uncovering the Factors that drive COVID-19 Standard Operating Procedures Compliance

among School Management in Malaysia. Scientific Reports, 14(1), 556. <https://doi.org/10.1038/s41598-023-49968-4>

2. Mohd Nizan, N. I., **Ali, N. F.**, and *Hussain, S. A. (2024). Managing Ergonomic Risk Assessment among Assembly Operators in the Small-scale Fabrication Sector. Process Safety Progress. <https://doi.org/10.1002/prs.12585>

3. ***Ali, N. F.**, and Roslan, A. N. N. (2024). Ergonomic Risk Factors and Prevalance of Work-related Musculoskeletal Disorders among Solvent Manufacturing Workers in Shah Alam, Selangor. Malaysian Journal of Medicine and Health Sciences.

4. Hasrin, K. N., and ***Ali, N. F.** (2023). Knowledge, Attitude and Practice Towards Dengue Prevention Among Students at Tan Sri Mustaffa Babjee College, Universiti Putra Malaysia. Malaysian Journal of Medicine and Health Sciences, 19(5). doi:10.47836/mjmhs19.5.19

5. ***Ali, N. F.**, and Zulkaple, R. (2023). Occupational Safety and Health (OSH) Knowledge, Practices and Injury Patterns among Solvent Manufacturing Workers: A Cross-sectional Study. Malaysian Journal of Medicine and Health Sciences, 19. doi:10.47836/mjmhs.19.s14.6

Conference Proceedings (in 5 years)

1. ***Ali, N.F.**, Shallcross, D., and Prpic, J. K. (2024). PVT Method: A New Approach to Evaluating Concept Maps in Engineering and Nursing Students. The 6th International Conference on Educational Research and Practice. July 2024; Malaysia.

Research Grants

On-going

The Impact of School Bag Weight on the Prevalence of MSDs in Primary School Students (Principle)

Research Grants

No.	Project Title	Amount (RM)	Year	Source of Fund
1.	The Impact of School Bag Weight on the Prevalence of MSDs in Primary School Students (Principle)	21300.00	2023 - 2025	Geran Putra Muda
2.	One Health Knowledge among Teachers and Lecturers of Polytechnic and Vocational Institution and Its Relationship with the Innovation Development (Member)	42000.00	2023	Geran Swasta

Awards/ Recognition (Current)

No.	Name of awards	Award Authority	Award Type	Year
1.	Ergolympics 2023 – Acknowledgment Award	5 th HFEM Biennial Conference on Human Factors and Ergonomics	International	2023
2.	Best Oral Presentation	3 rd International Conference in Medical Science Technology 2022	International (1 st Prize)	2022
3.	International Putra Innocreative Poster Competition	International Putra Innocreative Carnival in Teaching and Learning 2022	International (Silver Medal)	2022
4.	International Putra Innocreative Poster Competition	International Putra Innocreative Carnival in Teaching and Learning 2022	International (Gold Medal)	2021

5.	Melbourne Research Scholarship	University of Melbourne	International	2016 – 2020
6.	Clive Pratt Scholarship	Kernot Fellowship	University	2018
7.	Conference Travel Scholarship	School of Engineering	University	2018
8.	Skim Latihan Akademik Bumiputera	Ministry of Higher Education	National	2013 - 2020

Professional Services/ Consultation			
No.	Year	Title	Authority
1.	2024	Health, Safety and Environment (HSE) Management	IMTC
2.	2023	Environmental Disaster and Crisis Management: Proven Strategies for Resilience and Effective Response	IMTC
3.	2022	Advanced Process HAZOP	IMTC

Student Supervision			
Master without Thesis (Main Supervisor)			
No.	Name	Title	Status
1.	Nursuraya Zainal (GS63865)	Evaluation of Process Safety Management of Highly Hazardous Chemicals and Its Impact on Workers' Health in Glove Manufacturing Industry.	Completed

Bachelor's degree with Thesis (Main Supervisor)			
No.	Name	Title	Status
1.	Khairun Nadia Hasrin (202943)	Knowledge, Attitude and Practice (KAP) on Dengue Prevention among Students in Seventeenth College Universiti Putra Malaysia.	Completed
2.	Afiqah Nur Najihah Roslan (203278)	Assessment of Ergonomic Risk Factors and the Prevalence of Work-related Musculoskeletal Disorder (WMSD) among Workers in Solvent Manufacturing Factory in Shah Alam.	Completed
3.	Radhiah Zulkaple (201073)	Occupational Safety and Health Knowledge, Practices and Injury Patterns among Manufacturing Workers at a Specific Factory.	Completed
4.	Muhammad Iqbal Zulkiflee (181804)	Prevalence and Risk Factors of Noise-Induced Hearing Loss among Cargo Airlines Workers at Sultan Abdul Aziz Shah Airport.	Completed
5.	Ahmad Mirza Azhad Anuar (208055)	The prevalence of Hearing Impairment due to Noise Exposure among Refinery Edible Oil Workers in Pasir Gudang, Johor.	Completed
6.	Hanis Syafiah Mohamad (208110)	The Association between the Weight of School Bags and the Prevalence of Musculoskeletal Disorders (MSDs) among Primary School Students in Terengganu.	Completed
7.	Muhammad Izzat Mohd Lotpi (209821)	The Association between the Weight of School Bags and the Prevalence of Musculoskeletal Disorders (MSDs) among	On-going

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| | | Primary School Students in Kemaman Terengganu. | |
| 8. | Muhammad Hafiz Hakimi Mazlan (211205) | The Association between the Weight of School Bags and the Prevalence of Musculoskeletal Disorders (MSDs) among Primary Students in Vernacular School. | On-going |
| 9. | Siti Nur Izzah Nasaruddin (213546) | The Impact of Perceived Noise Exposure at Work to Psychological Distress and Quality of Life among Steel Manufacturing Workers. | On-going |

Attended Seminars/ Workshops/ Forums both National and International

No.	Year	Title	Organizers
1.	2024	6th International Conference on Educational Research and Practice	UPM
2.	2023	5th HFEM Biennial Conference on Human Factors and Ergonomics	HFEM
3.	2022	3 rd International Conference in Medical Science Technology 2022	UniKL MESTECH
4.	2022	Improving Air Quality at the Workplace in the Post COVID World	UNAIR