



ABOUT

DR. HAZIRAH BINTI PENGIRAN

Dr. Hazirah binti Pengiran is a Senior Lecturer at the Faculty of Civil Engineering and Technology, Universiti Malaysia Perlis (UniMAP). She holds a Ph.D. in Toxicology from Universiti Sains Malaysia and has over 12 years of experience combined academic and industrial experience, including roles at Intel Technology (M) Sdn. Bhd. in occupational health and safety, industrial hygiene, and toxicology. Her research focuses on nanotoxicology and the use of cellulose nanofiber for pesticide delivery. Dr. Hazirah has published in international journals, contributed book chapters with Elsevier, and previously leads industry-university linked Work-Based Learning programs. She is also an award recipient of the Productivity Champion Award by the Malaysia Productivity Corporation in 2022.