

RODZIDAH M. RODZI

Vocational Training Lecturer

Ministry of Human Resources, Malaysia

1. Academic Leadership

- Lecturer in Vocational Training at the Manpower Department, Ministry of Human Resources Malaysia (2004–present).
- Provides instruction and guidance in technical and vocational education and training (TVET).
- Integrates civil, electronic, and manufacturing engineering expertise into curriculum design and delivery.

2. Specialized Expertise

- Doctor of Philosophy in Civil & Structural Engineering, National University of Malaysia (2021).
- Master of Manufacturing Systems Engineering, University of Putra Malaysia (2011).
- Bachelor of Electrical-Electronics Engineering, University of Technology Malaysia (2003).
- Malaysian Skills Certification in Industrial Quality Assurance and Industrial Quality Control (Levels 2–5, 2013–2019).
- Expertise in civil engineering, electronic engineering, manufacturing processes, industrial quality assurance, and TVET education.

3. International Representation

- Member of Malaysian TVET Delegation to Japan International Cooperation Agency (JICA), 2012.
- Active participant in international conferences and symposia.
- Recipient of Best Research Paper Awards at international conferences in 2018 and 2019.

4. Research Productivity

- Published peer-reviewed articles on TVET institutional frameworks, student dropout causes, solid waste engineering, hazardous waste management, and environmental awareness among TVET students.
- Contributions indexed in Scopus and Web of Science journals.
- Research accessible via ResearchGate, Scopus, and Web of Science profiles.

5. Professional Recognition

- Professional Engineer (Electronic), Board of Engineers Malaysia (2022).
- Professional Technologist (Manufacturing and Industrial), Malaysia Board of Technologists (2020).

6. Engagement in Policy & Practice

- Actively involved in advancing Technical and Vocational Education and Training (TVET) policies in Malaysia through teaching, research, and institutional collaboration.
- Member of the Malaysian TVET Delegation to Japan International Cooperation Agency (JICA) in 2012, contributing to international exchange on vocational education standards and practices.
- Provides expertise in risk management, industrial quality assurance, and sustainable waste management frameworks, aligning with national and institutional policy goals.
- Engages in curriculum development and outcome-based education practices to strengthen TVET institutions and ensure compliance with international benchmarks.
- Serves as resource person in training programs and academic symposia, promoting environmental awareness, sustainable manufacturing, and quality assurance practices.