



Ts. Dr.
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Senior Lecturer – Environmental Technology



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My 19 years experiences gave me an inept knowledge and skill in various environmental technology discipline including Solid & Hazardous Waste Management, Water & Wastewater Technology, Air Pollution Control, Noise & Vibration as well as on Renewable Energy and Biofuels especially on Biodiesel and Bioethanol processes. I am keen toward incorporating sustainability operation and management into the teaching of those discipline whilst also implementing it into my personal and professional works.

COMPETENCIES & SKILLS

- [CePSWaM](#) (05922)
- HRDCorp Trainer (04561)
- [EIA Subject Specialist](#) (SS0680)
- [OSH-Coordinator](#) (00400)
- [ISCC Sustainability Auditor](#)
- [BEM \(ET\)](#) and [MBOT \(Ts.\)](#)
- Excel
- PowerPoint
- Word

PROFESSIONAL EXPERIENCE

- Aug. 05-Now **Universiti Malaysia Terengganu** – University Lecturer
Terengganu, Malaysia
- Developing & delivering numerous of environmental-related major and elective courses comprised of 14 different courses.
 - Active in multiple research activities (about 20 research grants), consultancy & community programs (about 5 major programs) and scientific writings (about 28 different publications)
- April 03-July 05 **Universiti Sains Malaysia** – Research Officer
Penang, Malaysia
- Led field works toward semi-aerobic leachate treatment development.
 - Hand-on technical expertise in field & laboratory work for water & solid samples.

EDUCATION

- 2019 **Universiti Malaysia Terengganu** – PhD in Environmental Technology & Management
Terengganu, Malaysia
- Production of Biodiesel and Bioethanol from *Jatropha Curcas* Seed
- 2003 **Universiti Sains Malaysia** – MSc in Environmental Engineering
Penang, Malaysia
- Physico-Chemical Treatments of Semi-Aerobic Leachate
- 2002 **Universiti Sains Malaysia** – BTech in Environmental Technology
Penang

ACHIEVEMENTS

- Excellent Service Awards (2007, 2014 & 2015)
- Multiples Teaching & Learning and Research & Innovation Awards (2019 – 2023)