



ABOUT

**ASSOCIATE PROFESSOR IR DR  
NAJMIDDIN YAAKOB**

Ir. Dr. Najmiddin Yaakob holds a Bachelor of Engineering (Hons) in Chemical Engineering from Universiti Teknologi Malaysia (2003), a Master of Science in Chemical Engineering (Corrosion) from Universiti Teknologi MARA (2007), and a Ph.D. in Chemical Engineering from the Institute for Corrosion and Multiphase Technology at Ohio University, USA (2015). With over 18 years of experience in lecturing and research in the field of chemical engineering, his expertise primarily lies in process separation, reaction engineering, and pipeline corrosion. I began my career in industry as an R&D Engineer in 2004.

Currently, I serve as an Associate Professor at the School of Chemical Engineering, College of Engineering, Universiti Teknologi MARA (UiTM). I previously held leadership roles as the Head of the Oil and Gas Engineering Studies Center (2015) and Deputy Dean (Student Affairs) (2017). My primary research focus is on oil and gas pipeline corrosion. I have worked on various pipeline corrosion issues for prominent companies in the oil and gas sector, including Petronas, PTTEP, Chevron, and DNV-GL. My research covers topics such as top-of-the-line corrosion in sweet and sour environments, sour corrosion mechanisms, elemental sulfur corrosion in sour glycolic environments, mitigation of elemental sulfur corrosion using sulfur solvents and inhibitors, and corrosion inhibitors/coatings derived from palm oil.

I have successfully secured over RM 3.5 million in industrial, national grants, and consultation funding. I am an associate member of the Institution of Chemical Engineers (IChemE), UK, the Professional Engineer Board of Engineers Malaysia (BEM), and the ASEAN Chartered Professional Engineer (ACPE). Additionally, I am the former Chairman of the National Association of Corrosion Engineers (NACE) International Founding Malaysia Section. Currently, I am the Head and Founder of the Industrial Corrosion Research Center (InCoRE) at UiTM and serves as a Trustee for The Association for Material Protection and Performance (AMPP) Malaysia Chapter.