



ABOUT

**ASSOC. PROF. IR. TS. DR. TAN
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Assoc Prof Ir Ts Dr Tan Inn Shi is an Associate Professor in Chemical Engineering at Curtin University Malaysia and Deputy Dean of Research and Development. Her research focuses on sustainable bioprocess technologies, including microbial fermentation of macroalgae for optically pure lactic acid, life cycle assessment, and biomass valorisation for green materials and biofuels. She has led multidisciplinary projects funded by national and international agencies, with outputs spanning sustainable bioplastics, environmentally conscious bioprocessing, and clean energy innovation. A Chartered and Professional Engineer registered with Engineers Australia and the Board of Engineers Malaysia, she is also a Fellow of the Higher Education Academy (UK). Dr Tan actively supervises postgraduate research and collaborates with industry to translate bio-based technologies into practical applications.