**Biodata**

ChM. Ts. Dr. Lam Sze Mun is an Associate Professor in the Department of Environmental Engineering, Faculty of Engineering and Green Technology, UniversitiTunku Abdul Rahman, Malaysia. Her main research focuses on development of engineered nanomaterials for use in the wastewater purification and renewable energy areas. Till now, she has delivered 66 ISI journals and 9 book chapters on her research topics and have a *h*-index of 24 (based on Scopus database). She has appointed as a visiting researcher at Guilin University of Technology, China in years 2018-2021. ChM. Ts. Dr. Lam had also appointed as a guest researcher at Institute of NanoScience Design, Japan in 2013. Currently, she is supervising 3 PhD and 3 MSc students. A total of 2 PhD and 8 Master students had been graduated under her supervision. Moreover, she had managed to secure 2 Guangxi The Guangxi Key Laboratory of Theory and Technology for Environmental Pollution Control grants, 2 international grants, 3 Malaysia's govern body grants, 1 Malaysia's industry grant and 18 Malaysia's university grants to expand her research works. She had awarded the “Asian Women Entrepreneurs Leadership Award” in Science and Environment categoryby Malaysia Chinese Women Entrepreneurs Association in 2019. In year 2018, she was also a recipient of “L’Oréal-UNESCO For Women in Science Fellowships 2018” awarded by L’Oréal-UNESCO. Additionally, she had received the “Kurita Water and Environment Foundation Research Grant Award” from Kurita Water and Environment Foundation, Japan in2017. ChM. Ts. Dr. Lam also obtained several wastewater treatment consultancy projects from PETRONAS Chemical Sdn. Bhd., Malaysia in years 2014 and 2015. She is also active in professional bodies, serving as a Professional Technologist in Malaysia Board of Technologist, and a Professional Chemist in Malaysian Institute of Chemistry. Besides, ChM. Ts. Dr. Lam won awards in several national and international innovation exhibitions, such as iCompEx’18, iCompEx’19, Pi-ENVEX 2020 and RISE 2020. She walked away with the “BEST Award and Gold Award” during iCompEx’19. ChM. Ts. Dr. Lam also serves as an editorial board member and reviewer for several renowned journal publishers. Her major contribution to society is to serve as a STEM academia through community programs and school’s STEM projects.

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