

## Staff Handbook - Ngo Thi Ngoc Lan Thao

Name ( Họ và Tên)	<i>Ngo Thi Ngoc Lan Thao</i>		
Post ( Ví trí)	<i>Lecturer in Environmental Management and Technology, Environmental engineering</i>		
Academic career ( Quá trình đào tạo)	<i>PhD. in Environmental Engineering</i>	<i>National Central University, Taiwan</i>	<i>2020</i>
	<i>Bachelor of Environmental Science</i>	<i>Ho Chi Minh City University of Science (HCMUS), VNU-HCM</i>	<i>2014</i>
Employment ( Nghề nghiệp)	<i>Lecturer</i>	<i>HCMUT</i>	<i>2021 - now</i>
	<i>Environmental Engineer</i>	<i>Robert Bosch Engineering and Business Solutions Vietnam</i>	<i>2014-2015</i>
Research and development projects over the last 5 years ( Thành tích dự án và nghiên cứu trong năm gần )	<p><i>The sampling and analysis of municipal solid waste in Taiwan, 2016-2017, Ministry of Science and Technology (MOST, Taiwan).</i></p> <p><i>Desulfurization mechanism study on syngas cleaning in biomass gasification, 2017-2018, Industrial Technology Research Institute, Green Energy and Environment Research Laboratories, New Energy Technology Division, Hsin-Chu, Taiwan.</i></p> <p><i>Replace prepared Ni-catalyst for hot gas tar removal and syngas yield enhancement in rice straw gasification, 2018-2019, Industrial Technology Research Institute, Green Energy and Environment Research Laboratories, New Energy Technology Division, Hsin-Chu, Taiwan.</i></p>		
Industry collaborations over the last 5 years ( Hợp tác với doanh nghiệp)	<p><i>Project title ( tên dự án)</i></p> <p><i>Partners ( đối tác)</i></p>		
Patents and proprietary rights ( Sở hữu trí tuệ)	<i>Title</i>		<i>Year</i>

<p>Important publications over the last 5 years ( Bài Báo nổi bật trong 5 năm gần)</p>	<p><i>Selected recent publications from a total of approx.: 06 publications.</i></p> <p><i>Ngo, T.N.L.T., Chiang, K.Y., Wan, H.P., Hung, W.C., Liu, C.F., 2019. Enhanced trace pollutants removal efficiency and hydrogen production in rice straw gasification using hot gas cleaning system. Int. J. Hydrog. Energy 44(6): 3363-3372.</i></p> <p><i>Cheng, S.Y., Ngo, T.N.L.T., Chiang, K.Y., 2020. Hydrogen gas yield and trace pollutant emission evaluation in automotive shredder residue (ASR) gasification using prepared oyster shell catalyst. Int. J. Hydrog. Energy 45(42):22232-22245</i></p> <p><i>Ngo, T.N.L.T., Chiang, K.Y. 2020. The migration, transformation and control of trace metals during the gasification of rice straw. Chemosphere, 260;127540</i></p> <p><i>Ngo, T.N.L.T., Chiang, K.Y., Liu, C.F., Wan, H.P., Hung, W.C., 2021. Hydrogen production enhancement using hot gas cleaning system combined with prepared Ni-based catalyst in biomass gasification. International Journal of Hydrogen Energy 46(20):11269-83.</i></p> <p><i>Chen, Y.H., Ngo, T.N.L.T., Chiang, K.Y., 2021 Enhanced hydrogen production in co-gasification of sewage sludge and industrial wastewater sludge by a pilot-scale fluidized bed gasifier. International Journal of Hydrogen Energy 46(27):14083-95.</i></p> <p><i>Ngo, T.N.L.T., Chiang, K.Y., 2021. Co-thermal degradation characteristics of rice straw and sewage sludge. Sustainable Environment Research 31(1):23.</i></p>						
<p>Activities in specialist bodies over the last 5 years ( Hoạt động cá nhân đặc trưng trong 5 năm gần)</p>	<table border="0"> <thead> <tr> <th style="text-align: left;"><i>Organisation</i></th> <th style="text-align: left;"><i>Role</i></th> <th style="text-align: left;"><i>Period</i></th> </tr> </thead> <tbody> <tr> <td colspan="3"><i>Membership without a specific role need not be mentioned</i></td> </tr> </tbody> </table>	<i>Organisation</i>	<i>Role</i>	<i>Period</i>	<i>Membership without a specific role need not be mentioned</i>		
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