Doan Van Hong Thien

Associate Professor

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Education:

PhD (2007/9~2012/6) Chemical Engineering, National Taiwan of University Science and Technology (NTUST), Taiwan

B.S. (1998/9~2003/4) Chemical Engineering, University of Technology, Ho Chi Minh city, Vietnam

Experience:

Associate Professor, Dean of Faculty of Chemical Engineering, Can Tho University (10/2025 - now)

Lecturer, Department of Chemical Engineering, Can Tho University, Head of Department, Chemical engineering Department, Can Tho University (07/2012-09/2015)

Lecturer, Department of Chemical Engineering, Can Tho University; Manager, Chemical engineering's unit operations Laboratory, Can Tho University (05/2003-08/2007)

Selective Honors & Awards:

1. Editorial Board Member of *Scientific journal of Can Tho University* (Feb./2020~now)
2. 08 – 09/2013: Awarded the Lotus III Scholarship for a staff exchange program focused on photocatalyst research in Portugal.
3. 2012: awarded the Professor Lee-Chia-Ping's Filial Piety Scholarship for excellent students, Taiwan
4. 2006 – 2011: awarded National Taiwan of Science and Technology scholarship, Taiwan

Research Areas:

- Photocatalyst, water splitting
- Green chemistry, electrospinning, membrane technology

Selective Publications:

1. "Facile synthesis of CeO_2@CuS core–shell heterojunctions for efficient photocatalytic hydrogen evolution and Eriochrome black T degradation. *Inorganic Chemistry Communications,* 185, 116053, (2026).
2. "Effect of fabrication methods on the performance of electrospun PVA/chitosan FO membranes in seawater desalination". *Journal of Membrane Science*, 735, 124513 (2025).
3. "Electrospun Fe-doped TiO_2/chitosan/PVA nanofibers: Preparation and study on photocatalytic

and adsorption properties". *Materials Letters*, 326, 132930 (2022).
4. "Synthesis of cellulose-g-poly(acrylic acid) with high water absorbency using pineapple-leaf extracted cellulose fibers". *Carbohydrate Polymers*, 288: 11942 (2022).
5. "Temperature effects on electrospun chitosan nanofibers". *Green Processing and Synthesis*, 9(1), 488-495, (2020).