



Hathaikarn Manuspiya, PhD

Associate Professor

CONTACT

hathaikarn.m@chula.ac.th

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Education

- Ph. D. in Materials Engineering (2003), Pennsylvania State University, USA “Electrical Properties of Niobium Based Oxides-Ceramics and Single Crystal Fibers Grown by the Laser-Heated Pedestal Growth (LHPG) Technique” Thesis Advisor:

Prof. Amar Bhalla

- M. S. in Polymer Science (1997), Chulalongkorn University, Thailand -Recipient of full academic scholarship from the National Petrochemical Public Co. Ltd. “Yellow Oil Formation at Acid Gas Removal Unit in an Ethylene Plant” Thesis Advisor: Prof. Erdogan Gulari
- B. Sc. in Materials (1994), Chulalongkorn University, Thailand

Specialty & Research Field of Interest

- Advanced Materials Nanomaterials, Biocomposite, Smart materials for energy harvesting, Smart packaging, Sensors

Professional Awards and Honors

- 1999 Recipient of “Best Student Poster Presentation” of The 101st American Ceramic Society Annual Meeting, Indianapolis, USA
- 1997-2002 Recipient of Thai Government Scholarship for Ph.D. study abroad
- 2006 Recipient of Asahi Glass Foundation’s research grant
- 2011 L’Oréal Thailand “For Women in Science” Fellowships for “Material Science” research
- 2017 “Outstanding in Teaching Award 2017” Ratchadapiseksomphot Endowment Fund, Chulalongkorn University

Major grants awarded

- Government section RGJ, RRI, NRCT, NSTDA, etc.
- Industrial section SCG, PTTGC, PTT phenol, UBE group, Western digital, Amphol food processing, Union link, Nara, Narai Packaging, etc.

