



PATTARAWADEE MAIJAN

Doctor of Philosophy (Polymer Science and Technology)

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In 2011, I had received scholarship from Science Achievement Scholarship of Thailand, SAST which covered Bachelor, Master and PhD's degrees. Currently, I graduated Doctor of Philosophy of Polymer Science and Technology with the research interest in synthesis and development of superabsorbent hydrogels for dye removal. I have been studying so hard for both academic and researching performances to extend my experiences and knowledge. As a result, I have improved a lot in terms of discipline, knowledge, analysis, problem solving, communication, and management skills in my related field of study which, in turn, help me to prepare for my professional career in the future. Finally, I have been ready to share, enthusiastic to gather new knowledge and contribute to your workplace.

SKILL:

Microsoft Office



Lab Graphic Design



Chem Draw Program



LANGUAGE:

English



INTEREST:

Researching



Teaching



Drawing



AWARD:

- Excellent oral presentation, The 8th International Conference on Material and Manufacturing Technology (ICMMT 2017), Singapore

EDUCATION

- 2011-2014 | Bachelor degree in Physics (Second Class Honors)
Faculty of Science, Prince of Songkhla University
- 2015-2016 | Master degree in Polymer Science and Technology
Faculty of Science, Prince of Songkhla University
- 2017-2019 | Doctor of Philosophy degree in Polymer Science and Technology, Faculty of Science, Prince of Songkhla University

PUBLICATIONS

- I. P. Maijan and S. Chantarak, "Synthesis and characterization of highly durable and reusable superabsorbent core-shell particles," *Polym. Eng. Sci.*, vol. 60, no. 2, pp. 306-313, 2020.
- II. P. Maijan, P. Amornpitoksuk and S. Chantarak, "Synthesis and characterization of poly(vinyl alcohol-*g*-acrylamide)/SiO₂@ZnO photocatalytic hydrogel composite for removal and degradation of methylene blue," *Polymer*, vol. 203, pp. 122771, 2020.
- III. K. Junlapong, P. Maijan, C. Chaibundit and S. Chantarak, "Effective adsorption of methylene blue by biodegradable superabsorbent casava starch-based hydrogel," *Int. J. Biol Macromol.*, vol. 158, pp. 258-264, 2020.
- IV. P. Maijan, N. Saetung and W. Kaewsakul, "Mixing and comparative properties of NR compounds filled with different types of reinforcing fillers," *Solid State Phenom.*, vol. 206, pp. 172-176, 2017.