KASETSART UNIVERSITY
FACULTY OF AGRO-INDUSTRY

Asst. Prof. Porntip Tooptompong, Ph.D.

Textile Science Department, Faculty of Agro-Industry, Kasetsart University
Tel: 66-2562-5000 Ext. 5310 Email: porntip.s@ku.ac.th

Education

Ph.D. (Material Science), Chulalongkorn University

M.S. (Applied Polymer Science and Textile Technology), Chulalongkorn University

B.S. (Polymer Science and Textile Technology), Chulalongkorn University

Expertise

Pretreatment process in textile technology

Finishing process in textile technology

Enzyme in textile process

Natural bases in textile chemical process

Selected Works

1. Jutamaneerat, P., Setthayanond, J. and Tooptompong P. 2019. Adsorption Study of Acid Dyes for Nylon with the Adsorbent Derived from Tamarind-Seed Testa, International Journal of Engineering and Advanced Technology, 8(3s), 509-512
2. Setthayanond, J., Sodsangchan, C., Suwanruji, P, Tooptompong, P. and Avinc, O. 2017. Influence of MCT-b-cyclodextrin treatment on strength, reactive dyeing and third-hand cigarette smoke odor release properties of cotton fabric, Cellulose, 24, 5233-5250.
3. Tungtriratanakul, S., Setthayanond, J., Avinc, O., Suwanruji P. and Sae-bae, P. 2016. Investigation of UV protection, self-cleaning and dyeing properties of nano TiO2-treated poly(lactic acid) fabric, Asian Journal of Chemistry, 28(11), 2398-2402.
4. Setthayanond J., Sae-bae P., Chaiyapongputti P. and Lim, P. 2017. Chromium (VI) Adsorption Study Using Bio-Adsorbent Material Derived from Tamarind-Seed Testa. Key Engineering Materials. 723: pp 534-539
5. Poonsawat T., Sae-bae P., Bumphami M., Wetchaiyoc, T. and Jatamaneerat, P. 2016. Effect of Water and Chemical Retting on Properties of Hemp Fibre and Hybrid Hemp/Cotton Spun yarn. Journal of Engineering and Applied Science. 11(9): pp. 1991-1995.

6. Charoensaii C., Sae-bae P., Setthayanond J., Sittikoon S. and and Chanchanuan S. 2015. Utilizing Rayon Fiber Residues from Fiber Manufacturing Industry for Preparation of Cellulose/CMC Hydrogels. Applied Mechanics and Materials. 799-800: pp. 52-56. (ทุน สวพ. 2559)
7. Tungtriratanakul S., Setthayanond J., Suwanruji P., and Sae-bae P. 2015. Effect of Nano TiO2 Treatment on Disperse Dyeing and Self-cleaning Properties of PET Fabric. Applied Mechanics and Materials. 799-800: pp 21-26.
8. Chaiyapongputti P., Sae-bae P., Setthayanond J. and Munsuwan P. 2014. Development of Adsorbent Material from Tamarind-Seed Testa for Reactive Dye Adsorption. Applied Mechanics and Materials. 535: pp. 650-653.
9. Noochuay A., Sae-bae P., Kumphai P., and Suangtho S. 2014. Scouring Cotton Fabric by Water-Extracted Substance from Soap Nut Fruits and Licorice. Applied Mechanics and Materials 535: pp. 768-771. Hansakulwat P., Sae-bae P., Setthayanond J. and Phatthalung N. I. 2014 Application of Sulphatoethylsulphone Reactive-Disperse Dye on PLA. Applied Mechanics and Materials. 535: pp. 641-644.
10. Sae-be P., Suesat J., Tuntariyanond P., and Srirattanophas C. 2014. Development of Thickener and Resisting Agent based on Glutinous Rice Flour for Pigment Printing on Cotton. Advanced Materials and Information Technology Processing. 87: pp. 319-327. (ทุน สวพ. 2554)
11. Sriumaoum, V., Sodsangchan, C., Setthayanond, J., Suwanruji, P. and Sae-bae, P. 2014. Effect of Chitosan and Turmeric Dye on Ultraviolet Protection Properties of Polyester Fabric. Applied Mechanics and Materials. 535: pp. 658-661.
12. Siriphet, B., Setthayanond, J., Suwanruji, P. and Sae-bae, P. 2014. Study of Energy-Saving Dyeing Process for Poly (lactic acid) Fabric. Applied Mechanics and Materials. 535: pp. 110-113.