

# Pakvipar Chaopanich

Ph.D.



## Workplace

School of Science,  
University of Phayao

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Thailand.

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## Languages

- Thai
- English

## Specialization

- Inorganic Chemistry
- Green Synthesis
- Synthesis and Characterization (Biomaterials and Nanomaterials)
- X-Ray Diffraction Spectroscopy

## Experiences

- Lecturer (Inorganic Chemistry) at Department of Chemistry, School of Science, University of Phayao, Thailand, 2005 – present.
- Acting Vice-Dean for Student Quality of School of Science, University of Phayao, Thailand, 2019 - 2019.

## Educations

- Doctor of Philosophy: **Applied Chemistry** – 2018  
King Mongkut's Institute of Technology Ladkrabang, Thailand
- Master of Science: **Inorganic Chemistry** – 2005  
Kasetsart University, Thailand
- Bachelor of Science: **Chemistry** – 2001  
King Mongkut's University of Technology Thonburi, Thailand

## Research Experiences

- 2020: Synthesis and characterization of nanocomposite silicon/ nitrogen-doped graphene from peanut shell for Li-ion battery anode, Thailand Science Research and Innovation (TSRI) Fellowship, Thailand.
- 2020: Research team, Unit of Excellence on Advanced Nanomaterials, School of Science, University of Phayao, Thailand.
- 2019: Research team, Development of Pollutant Sensing Device from Functional Materials, Kasetsart University, Thailand.

## Publications

- Chailuecha, C.; Klinbumrung, A.; **Chaopanich, P.**; Sirirak, R. Graphene-like porous carbon nanostructure from corn husk: synthesis and characterization, materialstodays: PROCEEDINGS, <https://doi.org/10.1016/j.matpr.2021.03.512>
- **Chaopanich, P.** and Siriphannon, P. Sodium polystyrene sulfonate template assisted hydrothermal synthesis of hydroxyapatite nanorods, Indian Journal of Chemistry Section A 55A (9): 1084-1089, 2016.
- **Chaopanich, P.** and Siriphannon, P. Facile refluxing synthesis of hydroxyapatite nanoparticles, Australian Journal of Chemistry 68(8): 1293-1298, 2015.
- Boonyang, U.; **Chaopanich, P.**; Wongchaisuwat, A.; Senthonkaew, P.; Siripaisarnpipat, S. Effect of phosphate precursor on the production of hydroxyapatite from crocodile eggshells, Journal of Biomimetics Biomaterials and Tissue engineering 5(1): 31-37, 2010.