



Reungruthai Sirirak

Workplace

School of Science,
University of Phayao

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Reungruthai Sirirak

Awards:

Gold medal Award in poster
presentation, Perch-CIC Congress IX
(2016)

Bronze medal Award in poster
presentation, International Conference
on the Role of Universities in Hands-On
Education (2009)

International cooperation

Member in Collaborative Research
Agreement between Hunan Institute of
Engineering, China and University of
Phayao, Thailand in the title of Power
Management and Cluster Power
Coordination Control of Photovoltaic
Micro Grid Energy Storage System

Current Position

Chairperson of B.Sc. Program in Chemical Industry and
Materials Technology

Education

Doctor of Philosophy: **Chemistry** - 2016
Chiang Mai University, Thailand

Mater of Science: **Materials Science** - 2006
Chiang Mai University, Thailand

Bachelor of Science: **Chemistry** - 2000
Chiang Mai University, Thailand

Specializations

- Graphene synthesis from agricultural materials.
- Advanced nanomaterials for fuel cell and battery.
- Nanomaterials synthesis through green chemistry.
- Agricultural packaging development from local agricultural materials.

Recent publications

- 1) Chatkaew Chailuecha, Arrak Klinbumrung, Pakvipa Chaopanich, and **Reungruthai Sirirak** (2021). Graphene-like porous carbon nanostructure from corn husk: Synthesis and characterization. *Materials Today: Proceedings*.
- 2) **Reungruthai Sirirak**, Kisana Kumsa and Worapot Sirirak (2020). "Process Analysis for Measured Method Improvement of Server Cabinet", *Srinakharinwirot Engineering Journal*, 15(1), 50-61.
- 3) Amnouy Kumboon, Worapot Sirirak and **Reungruthai Sirirak** (2019). "A Study of the Effect of Mixture Material in Coconut Shell Charcoal Briquette on Mechanical and Thermal Properties", *Thai Industrial Engineering Network Journal*, 5(2), 67-75.