



MS. CHONTICHA RAJRUIJITHONG

◦ DETAILS ◦

Gender:

Female

Birth Date:

April 16, 1994

National:

Thai

Religion:

Buddhist

Address:

555/62 Pracha Uthit Road,
Thung Khru, Bangkok 10140

Telephone number:

(+66) 64-645-9664

Email address:

chonticharaj@gmail.com

◦ SKILLS ◦

Having analytical skills and able to use analytical tools such as GC-MS, TGA, TG-MS, CHN, DSC, XRD and Raman.

Good command of English and Thai (Native language).



PROFILE ◦

My most important going and I qualification is good attention and patience. When I start to do anything, I will go on until the job is done. I am easy can get along with anybody. The next goal in my life is I would like to have a good job which brings a stable income, have security. Moreover, I would like to use my knowledge to achieve the most effective goal.



WORK EXPERIENCE ◦

2019 – 2021 Research Assistant

National Science and Technology Development Agency (NSTDA), National Nanotechnology Center (Nanotec)

Project I: Production of Activated Carbon from Soft Biomass

- Provide research support by preparing experiments and analyzing data; perform comparative analyses from former experiment data.
- Performed wet-lab and activated carbon scientific research, using methods that included hydrothermal carbonization (HTC) and activation process.
- Analyzed all final product sample for quality and adherence to specification.
- Provided data and analysis to the head of project and prepare several presentations.

Project II: Development of nanomaterials from biomass for electrode materials in lithium-ion batteries

- Assist research professor to find new effective method that can improve biomass to get highest surface area activated carbon and proper for use as material in a capacitor.
- Develop research paper for publication based on experiment results and analysis.

◦ QUALIFICATIONS ◦

Energetic, responsible, and patience.

Ability to perform well under pressure.

I am easy going and I can get along with anybody.

Have a car driver's license.

Readiness to travel upcountry.



EDUCATION ◦

2013 – 2016

Bachelor of Science in Chemical Industry

King Mongkut's University of Technology Thonburi, Thailand.

- Co project with Thai Storage Battery Public CO., LTD. in field of wastewater treatment

2016 – 2018

Master of Science in Energy Technology and Management

The Joint Graduate School of Energy and Environment
King Mongkut's University of Technology Thonburi, Thailand.

- Upgrading of Biomass by Solvent treatment at temperature below 350°C



INTERNSHIP EXPERIENCE ◦

8 – 28 Oct 2018

Student exchange at Kyoto University (Japan-ASEAN Science, Technology and Innovation Platform, JASTIP)

- Study of the spontaneous combustion of biomass and upgraded biomass

Jun – Oct 2015

Thai Storage Battery Public CO., LTD.

- Improvement of wastewater treatment efficiency in battery industry by using calcium hydroxide suspension.



WORK PUBLICATION ◦

Rajrujithong, C., Worasuwannarak, N. Upgrading of Woody Biomass by Solvent Treatment at Temperature Below 350C, *Journal of Sustainable Energy & Environment*, 2018, 9, 59-64



EXTRACURRICULAR ACTIVITIES ◦

- Joint Conference on Renewable Energy and Nanotechnology, JCREN 2017 "Study on torrefaction of biomass pellets at temperature below 300°C"