adiCET students Research Scholarships and Awards

Dr. Rojjapan Niransin "My Household Biogas System Research is supported by Thailand Energy Conservation Fund, Ministry of Energy. Furthermore, the model from this research is applied in Renewable Energy Division, Defense Energy Department, Office of the Permanent Secretary for Defense Headquarters".

Dr. Suchat Srikeaw "I received a scholarship for my study from the Office of Naval Research (ONR), USA and Thailand Energy Conservation Fund, Ministry of Energy. My research involves DC Smart Grid and Low Carbon Society. This research provided a community grid connected system in the Smart Community, Chiang Mai World Green City".

Dr. Yodthong Mensin "My research is related to the Communication and Smart Grid Controlling System. I received the research grant from the Ministry of Energy, Thailand. My research model is also applied in controlling 500 kW Solar Energy System at University of Phayao. Moreover, I received the Best Paper Award from 11th Eco-Energy and Material Science and Engineering Symposium 2013".

Mr. Wechsawan Lakas "My research study focused on Recycle Road from Waste Plastic Bags. My study is supported by the graduate students' research fund of National Research Council of Thailand (NRCT). In addition, NRCT offered additional funding to further my research by constructing the recycle roads in 4 regions throughout Thailand".

Miss. Phusita Chaisombat "I got a scholarship for my study and research from PTT and the graduate students' research fund, NRCT on the topic of Community Biogas Network System. All the knowledge and experiences from my research assisted me in the establishment of my Renewable Energy Business".

Mr. Teerasin Kantha "My research topic is "A Participatory Community Bank Model of Electricity Generation from Renewable Energy". I had an opportunity to work with the real community in Aum Phang, Tak Province. I also received a scholarship for my study and research from Thailand Energy Conservation Fund, Ministry of Energy".

Mr. Narakorn Songkittirote "I received a scholarship for my study and research in DC Smart Plug and Smart Home from Office of Naval Research (ONR), USA. Additionally, I got the best Oral Presentation Award from ASEAN Smart Grid Congress II, Shah Alam, Malaysia".

For more information

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Contact us

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adiCET

วิทยาลัยพัฒนาเศรษฐกิจและเทคโนโลยีชุมชนแห่งเอเชีย มหาวิทยาลัยราชภัฏเชียงใหม่

Asian Development College for Community Economy and Technology

Curriculum • Research • Innovation

Facility | Research Topic | Laboratory & Technology

Green Institute Professional Research Community Development

Asian Development College for Community Economy and Technology

adiCET focused on the integration of teaching, research and academic services for the betterment of the community.

"We provide opportunities for our students to receive scholarship for tuition and research."

Dr. Worajit Setthapun

Asian Development College for Community Economy and Technology (adiCET) aims to create the ASEAN Green College and Green Community Model for sustainable living in Energy, Food and Environment.

adiCET also provides graduate programs by emphasizing on the Community Development for Sustainability.

For Research and Academic Services, adiCET is the recipient of several national and international grants such as.....

- APEC secretariat
- Office of Naval Research (ONR), USA
- New Energy and Industrial Technology Development Organization (NEDO), Japan
- Energy Regulatory Commissions (ERC)
- Energy Policy and Planning Office (EPPO)
- Department of Alternative Energy Development and Efficiency (DEDE)
- National Research Council of Thailand (NRCT)

All our research and academic services projects created components of the "Chiang Mai World Green City", a Living-Laboratory for the integration of Green Technology and Renewable Energy in a community model. The developed technologies are:

- PV 752.5 kW Community Solar Farm
- Smart Grid System
- DC Smart Home
- PV Bus Stop 2.64 kW Stand Alone & EV & Charging Station
- Community Bioenergy System
- Energy Efficient Buildings
- Road from waste plastic bags
- Low Carbon Agriculture

adiCET provided short courses and technology transfer trainings for over 10,000 students and local people on the topic of:

- Energy Conservation
- Biogas System
- Green Community & Self-Reliance Concept
- Community Potentiality Study
- Solar Cell & Renewable Energy Usage

Interested Research Topic

- Renewable Energy and Environment
- Technology Transfer to Community
- Low Carbon Agriculture
- DC Smart Home
- DC Microgrid
- Green Technology
- Low Carbon Community
- Smart Grid
- Energy and Environment Management
- Climate Change
- Community Energy Development
- Energy Economics
- Green Tourism
- Green Community Business
- Energy Policy

Graduate Program

Community Energy and Environment Program

Master of Science 45 Credits

Type 1.2 Required / Elective Course 33 Credits Dissertation 12 Credits

Example Courses...

- Community Energy
- Community Environmental Studies
- Green City Planning and Configuration
- Smart Grid and Energy Management

Doctor of Philosophy

Study Plan Type 1.1 Dissertation 48 Credits
Study Plan Type 2.1 Required Course 12 Credits Dissertation 36 Credits

Example Courses...

- Advanced Research Methodology
- Energy and Environmental Study for Community
- Biomass Energy Technologies
- Advanced Green City Configuration and Integration

Facility

- Working area with the server and Wi-Fi System for students
- Library and Energy & Environment Study Center
- Geo-Informatics Study Center
- Garden Bistro Restaurant, 60 Watt-Sixty Mart, Green Coffee Villa
- Green Residence

Laboratory & Technology

- Recycle Road
- Biomass Gasifier 20kW
- Biodiesel Generation 40 kW and 100 kW
- EV and PV Bus Stop Charging Station 2.64 kW
- Energy Efficient Buildings and AC/DC Smart Homes
- PV Rooftop 3.5 kW Grid Connected
- PV 702 kW Community Solar Farm
- PV 25 kW AC Microgrid and PV 25.5 kW DC Microgrid
- Community Biogas Fix Dome 16 m^3 and Household Biogas Fix Dome 1m^3
- Energy Crop, Low Carbon Agriculture and PV Pumping 3 kW Stand Alone