



DENDANAI LUERACH

Scientist
Academic staff

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ABOUT ME

I am a scientist in the Physics field working in the Fabrication Lab. My goal is to use my expertise and research skills to cultivate students' research skills and innovative ideas based on physics and engineering, and to develop researchers who will create value for organizations and society in the future.

EDUCATION

2014-2019 University of Phayao	Bachelor of Science Program in Physics School of Science, University of Phayao ,Thailand 2029 (B.E. 2562)
2008 - 2014 Chiang Rai Municipality School 6	Intensive Science and Mathematics Student Promotion Program Chiang Rai Municipality School 6 ,Thailand 2014 (B.E. 2557)

INNOVATION AND STARTUP EXPERIENCE

2017	Startup Thailand League 2017 Join the competition
2017	Research to Market 2017 Join the competition
2018	Participate in the Business Brotherhood Project by the Science Park, University of Phayao. Join the project
2018	Participated in the GSB Startup University Model competition by Government Savings Bank, passing the final 100 teams. Owner of the work
2018	Exhibiting inventions at TECHINNOVATION 2018 in Singapore Owner of the work
2019	Researcher and inventor of water monitoring and control system for fish farms. Independent study, Bachelor of Science degree in Physics. Researcher and inventor
2019	Solar-powered Chinese Longan Drying Project, Phu Phriang District, Nan Province, by Asst. Prof. Dr. Piyachan Ketsuwan Research Assistant
2019	Automatic temperature and humidity control system and mist spraying system project, Phukamyao District, Phayao Province, by Asst. Prof. Dr. Piyachan Ketsuwan Research Assistant
2019	Temperature and humidity control system for solar-powered chili drying plants in Ban So, Mueang District, Phayao Province, Phayao Province, by Asst. Prof. Dr. Piyachan Ketsuwan Co-developer and designer

STUDENT ACTIVITIES EXPERIENCE

2015 - 2016	Faculty of Science Student Council Committee, Academic Year 2015
2017	President of the Faculty of Science Student Council, Academic Year 2017
2018	Faculty of Science Student Club Advisor, Academic Year 2018
2018	Student Council of Phayao University, Academic Year 2018
2017 -2019	Rising Star Luk Thung Band Club, Phayao University (UP Band)

AWARDS RECEIVED

2015	Those with outstanding extracurricular activities in the academic year 2015 By the Faculty of Science, University of Phayao
2017	Startup Thailand League 2017 By the Ministry of Science and Technology
2017	Extracurricular Activities Award, Arts, Culture and Local Wisdom Promotion Activity Category, 2017 Honorary Student Award by University of Phayao
2017	Those with outstanding extracurricular activities in the academic year 2017 Honorary Student Award by University of Phayao
2017 - 2019	Outstanding Student Leader of the Year 2017 Outstanding Student Leader of the Year 2018 Outstanding Student Leader of the Year 2019 Honorary Student Award by University of Phayao

SKILLS

- Microsoft office
- Microcontroller
- Adobe Photoshop
- Using a laser cutter
- Video editing
- Computer Programing and coding
- Using a 3D Printer
- SolidWorks 2025

CONTACT

Scientists at the Demonstration School of Phayao University.

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