



# ARCHCMU

FACULTY OF ARCHITECTURE  
CHIANG MAI UNIVERSITY  
INTERNATIONAL PROGRAMS







**ARCHCMU**  
FACULTY OF ARCHITECTURE  
CHIANG MAI UNIVERSITY





## Message from the Dean

*“Hello, thank you very much for your interest in pursuing your education at ARCH CMU. It is our pleasure to welcome you to explore our prospectus and academic courses. Arch CMU was established in 1995 with a 5-year Bachelor of Architecture Program, from then we have grown to 7 academic programs from undergraduate to masters, and Ph.D. Our international programs include a 4-year B.S. in Integrated Design in Emerging Architecture (IDEA), a 2-year Joint M.Arch with Kyoto Institute of Technology and, a 3-year Ph.D. for applicants holding master’s degree as well as a 5-year Ph.D. for applicants with bachelor’s degree. Among Architecture schools in Thailand, we are the one who emphasize on local wisdoms and seek ways to advance them to innovation that contribute to the betterment of our environment. Under the management team with strong vision, we can ensure to you the quality education that will expand your horizon of architectural education to the bright future ahead. I invite you all to come explore, learn more, and visit our faculty. Come join us and be a part of our family, Arch CMU.”*

**ASSOC. PROF. DR. RAWIWAN ORANRATMANEE**  
Dean of Faculty of Architecture



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# Chiang Mai University Overview



Photo credit: [www.grad.cmu.ac.th](http://www.grad.cmu.ac.th)

Chiang Mai University (CMU) was founded in January 1964, under a Royal Charter granted by His Majesty King Bhumibol Adulyadej. CMU is the first provincial university in Thailand, based on the government's policy and the objectives of the northern people, as a center for academic and occupational knowledge in order to benefit the region and the country as a whole.

This university is a place for knowledge collection, studies, research, and knowledge transfer according to academic freedom based on morality and academic excellence, application and transfer, and arts and culture development.

Graduates from Chiang Mai University will emphasize self-training in order to become knowledgeable, thoughtful, and practical persons, as well as being able to manage themselves and other people, and work with ethics and social awareness.



Photo credit: International Relations Division, CMU



## Vision

A Leading University Committed to Social Responsibility and Sustainable Development



Photo credit: [www.cmu.ac.th](http://www.cmu.ac.th)

## Mission

Our five-fold mission addresses the challenges our nation faces amidst a globalizing world. Our mission is to:

1. Provide higher education and professional level training, while combine academic excellence with high moral and ethical standards under the Sufficiency Economy Philosophy.
2. Conduct research in various fields to support standards of teaching, learning and technology transfer for the social and economic development of the region and the country.
3. Provide academic services to the national community in line with the Sufficiency Economy Philosophy, particularly for Northern Thailand.
4. Preserve and nurture our religious and cultural heritage, and sustainably develop the resources of the unique natural environment of Northern Thailand.
5. Develop the University's administration systems and management under the Sufficiency Economy Philosophy while maintaining at Sustainable Development.

## University Tree and Flower

Bengal Kino (Butea Superba)



Photo credit: [www.cmu.ac.th](http://www.cmu.ac.th)



Photo credit: [www.grad.cmu.ac.th](http://www.grad.cmu.ac.th)



Photo credit: [www.cmu.ac.th](http://www.cmu.ac.th)

# Introducing Faculty of Architecture

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The Faculty of Architecture, Chiang Mai University (ARCH CMU), opened its doors as a major centre of architectural education in the northern region of Thailand in June 1995. Established within one of the most prestigious Faculties of Fine Arts in Thailand, the department of Architecture then established its pedagogical philosophy with the first group of students in the academic year of 1995-1996. After a couple of years of innovative approach in teaching, learning and researching Architecture, the Faculty of Architecture, on the 3rd of June 2000, was completely authorized to take on faculty status.

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Since then, ARCH CMU has attained a reputation for a high standard of teaching, learning and researching Architecture and ARCH CMU has gradually become one of the top Architectural Schools in Thailand. ARCH CMU does not believe in teaching Architecture per se, but rather recognizes that it is our teaching philosophy's ambition to unfold the main ideas, approaches and methodologies for students to understand Architecture as well as the process of architectural intervention and innovation (with the support of associated fundamental research, techniques and theory). It is our aim to guide students to become themselves and develop their ability to think critically and work effectively and creatively. Students will familiarize themselves with the history and the development of global architecture with the concentration on the integration of traditional Thai-Lanna and global Architecture.

We have our long term goal to pioneer ARCH CMU as a centre of excellent education within the region and to lead our students to the highest ability with the use of ARCH CMU as a laboratory to help them grow into the leaders in their fields. Students will develop their skills and intellectual abilities so as to be able to approach formal and informal design challenges. ARCH CMU will help them to continue with further innovations of their ideology and architectural design process. We probe, push, interrogate and ensure that students acquire not just the fundamentals of their field, but also the ability to articulate critically, to see the broader implications of their design proposition and to deeply understand the design process in which they are engaged.



## Core Values

Creative



High technology

Active adaptation



New knowledge

Governance



Excellence

### Vision

Becoming a leading organization in architectural studies focusing in applying Lanna wisdom and advanced creative innovation in the rapidly dynamic of change.

### Policies & Goals

1. To improve the education curriculum by giving emphasis on creative Lanna innovation in the context change.
2. To achieve research excellence and provide academic services following the mission/proactive strategies.
3. To create a 360-degree learning environment.
4. To build sustainable income.
5. To improve the quality in all dimensions to become an organization that reaches the standard of high quality.

### Mission

1. To produce graduates with knowledgeability, advancement, and ability to be a global citizen based on Lanna knowledge.
2. To conduct research and create innovation, in response to the dynamics of proactive mission, that is nationally and internationally accepted.
3. To provide academic and research services to community and to create a practice space for students to be cultivated before admission and after graduate.
4. To preserve and nurture art and culture of Lanna, Thailand, ASEAN and link them with international cultures.
5. To develop proactive administration and management system while having goals, efficiency (explicit, fast, and modern), and physical and mental well-being.

# Our Programs

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## Thai Programs

### Bachelor's Degree Programs



#### **B.Arch. 5-Year**

Bachelor of Architecture



#### **B.Sc. 4-Year**

Bachelor of Science, Architecture



#### **B.L.A. 5-Year**

Bachelor of Landscape Architecture

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### Master's Degree Program



#### **M.Arch. 2-Year**

Master of Architecture Program  
in Architecture

Master's Degree Graduates 3-year  
Bachelor's Degree Graduates 5-year

## International Programs

### Bachelor's Degree Program



#### **IDEA Program 4-Year**

Bachelor of Science Program  
in Integrated Design in Emerging  
Architecture

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### Master's Degree Program



#### **Joint Degree 2-Year**

Joint Degree Master of Architecture  
Program in Architecture

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### Doctor of Philosophy Program



#### **Ph.D. Program**

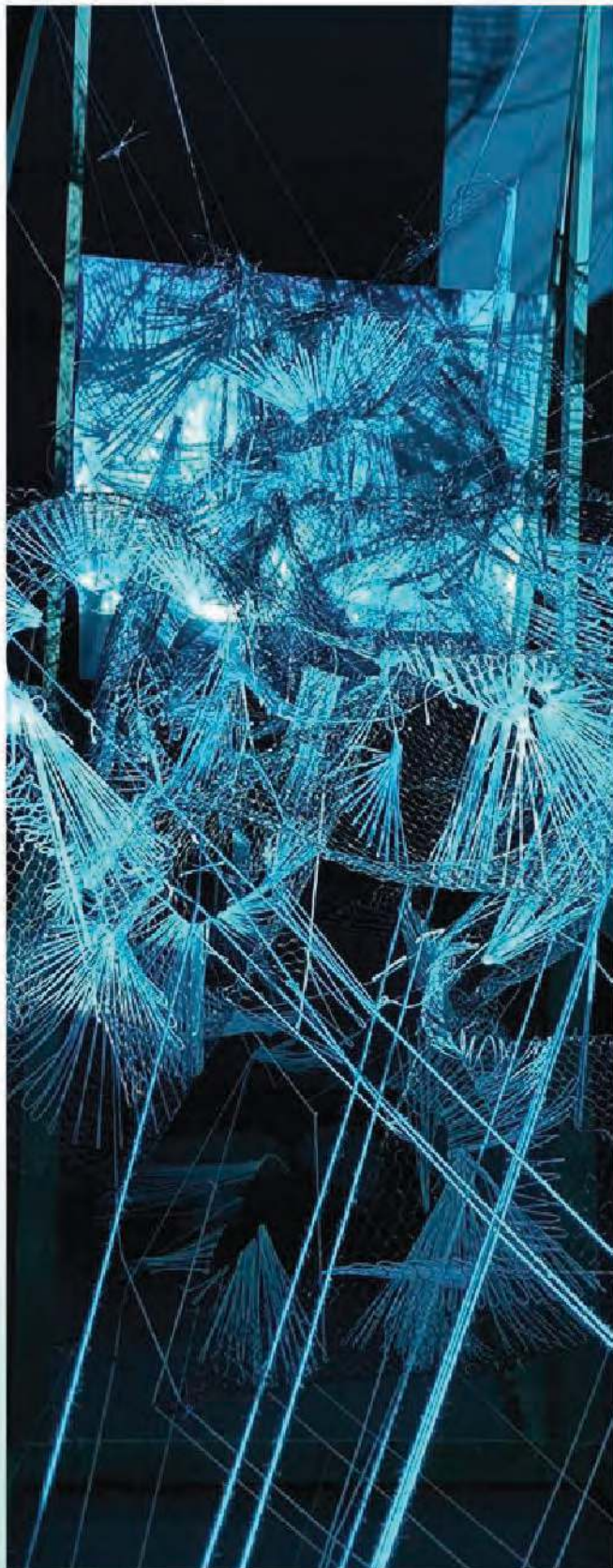
Doctor of Philosophy Program  
in Architecture



# IDEA Program

Bachelor of Science Program  
in Integrated Design in Emerging Architecture

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Integrated Design in Emerging Architecture (IDEA) is a 4-year Bachelor of Science (B.Sc) English language international program offered by the Faculty of Architecture, Chiang Mai University. Situated in the oldest higher education institution in the region and surrounded by a culturally and historically vibrant urban backdrop, the program is dedicated to nurture students' critical thinking and independent design capabilities with the knowledge of the latest digital design and fabrication skills that are increasingly being sort-after in the architectural and design community both locally and overseas.

With a particular focus on innovation and experimental design, the 4-year curriculum aims to ground up students' architectural design knowledge from an interdisciplinary approach that include social, physical, life sciences and beyond. Throughout their studies, students will integrate diverse design values from a wide range of creative design industries, whilst the unit system in each year offer varies opportunities for students to investigate and develop their creative thinking process behind their production outcomes. The program is formulated from the belief in creative design values that lead to the core of any principles in design businesses that require an innovative thinking approach.





As Chiang Mai is emerging to become a key player in the local and global creative industry, the IDEA course is perfectly suited to provide its graduates with the best opportunities to develop a successful creative design career and become future leaders in these lines of design-value-oriented businesses. Furthermore, the program is constructed in the dialectic forms of knowledge and practice with creative experimentations in order for students to understand the value process of architectural and spatial design. The program will give special emphasis on teaching, training and communication in English, with a dedicated team of international design academics and practitioners and the opportunity to take part in internship abroad in the latter part of the course in order for students to build the best design thinking foundation for their further studies and interests after graduation.

The goal of this program is to produce highly qualified graduates that can meet the design challenges in the twenty-first century, where an increasing demand of interdisciplinary skills from digital fabrication, creative thinking to biomimicry are required to push the boundaries of architecture design. Graduates of the IDEA program will be educated and trained to become future leaders in design offices both in Thailand and worldwide. The interdisciplinary approach also means that upon graduating, the program will prepare students who wish to continue their graduate studies overseas.





### Curriculum Instructors



Dr. Rattapong Angkasith  
Assistant Professor



Komson Teeraparbong  
Assistant Professor



Dr. Umpiga Shummadtayar  
Assistant Professor



Dr. Burin Tharavichitkun  
Assistant Professor



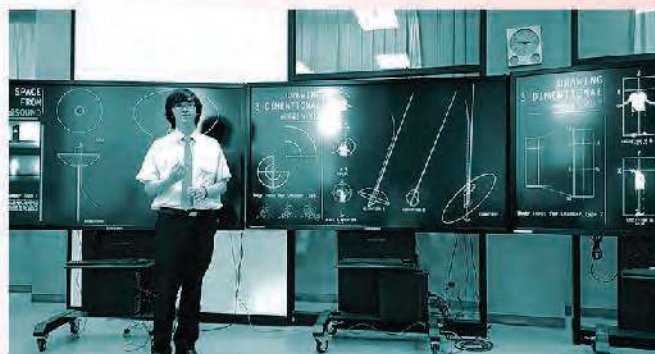
Dr. Chiranthanin Kitika

### Career Guidance

- Architect
- Urban design
- Industrial design
- Product design
- Interior design
- 3D visualizer
- Graphic design
- Fashion design
- Games design
- Web design
- Design entrepreneur
- Illustrator

### Tuition

65,000 Baht per semester (for Thai Students)  
85,000 Baht per semester (for International Students)



### Feelings of Space

I.D.E.A Studio Year 2 (2018)

**Instructor** : Asst. Prof. Dr. Burin Tharavichitkun

**Students** : Xinran Dong, Unnop Pongterdkiat



# Joint Degree Program

Master of Architecture Program in Architecture  
(International Program)

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Master of Architecture Program in Architecture (International Program) is a collaboration between the Faculty of Architecture and the Graduate School of Chiang Mai University, Thailand and the Graduate School of Science and Technology, Kyoto Institute of Technology, Japan.

The International Joint Master Degree Program in Architecture is a 2-year (four semesters) program providing enrolled students with 48 credits of course works, research and design in the facilitative contexts of Chiang Mai and Kyoto campuses.

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## Program Information

### Philosophy

The Master of Architecture Program (International Program) emphasizes advanced architectural design and research that apply traditional wisdoms and body of knowledge to solve current and future problems and respond to present and future contexts. The program provides learning experiences that allow students to explore between Thai and Japanese environmental and cultural contexts and enable graduates to collaborate in international working conditions.

### Objectives

To enables graduates to:

1. Research and apply architectural body of knowledge in technology, urban environment and human behavior for design
2. Collaborate in advanced architectural design practice responding to technological, urban environmental, and human behavioral contexts
3. Develop learning achievements according to the program learning standard (TQF) in ethics, knowledge, intellectual skills, interpersonal relationship, responsibility, quantitative analysis, communication and information technology



## Curriculum Instructors



Dr. Ekkachai Mahaek  
Assistant Professor



Dr. Apichoke Lekagul  
Associate Professor



Dr. Nawit Ongsavangchai  
Associate Professor



Dr. Pandin Ounchanum  
Assistant Professor

## Program Statement

The Joint Master of Architecture International Program between Chiang Mai University and Kyoto Institute of Technology foster students to explore through the parallel universe of:

- Design and research
- Traditional wisdom and innovation
- Intuition and body of knowledge
- Conservation and futurism
- Thailand and Japan

To competently be able to solve technological, environmental and humanbehaviora problems in the international level of professional practice.



## Tuition

90,000 baht per semester



### How to design "High-rise" building in "ChiangMai" with "Japanese characteristics"

Japanese international house of CMU  
Master's thesis

Student : Mr.Thanaporn Porntavakool

This project is an experimental architectural design project from the research of the Japanese characteristics in architecture from horizontal to vertical. How the Japanese characteristics can apply with high-rise building while the location is Chiang Mai, Thailand.

Due to the building type of this project is a dormitory for Japanese people and public space for CMU students(run by CMU), the concept idea was selected from the usage space of traditional dwelling.



# Ph.D. Program

Doctor of Philosophy Program in Architecture  
(International Program)

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## Doctor of Philosophy in Architecture

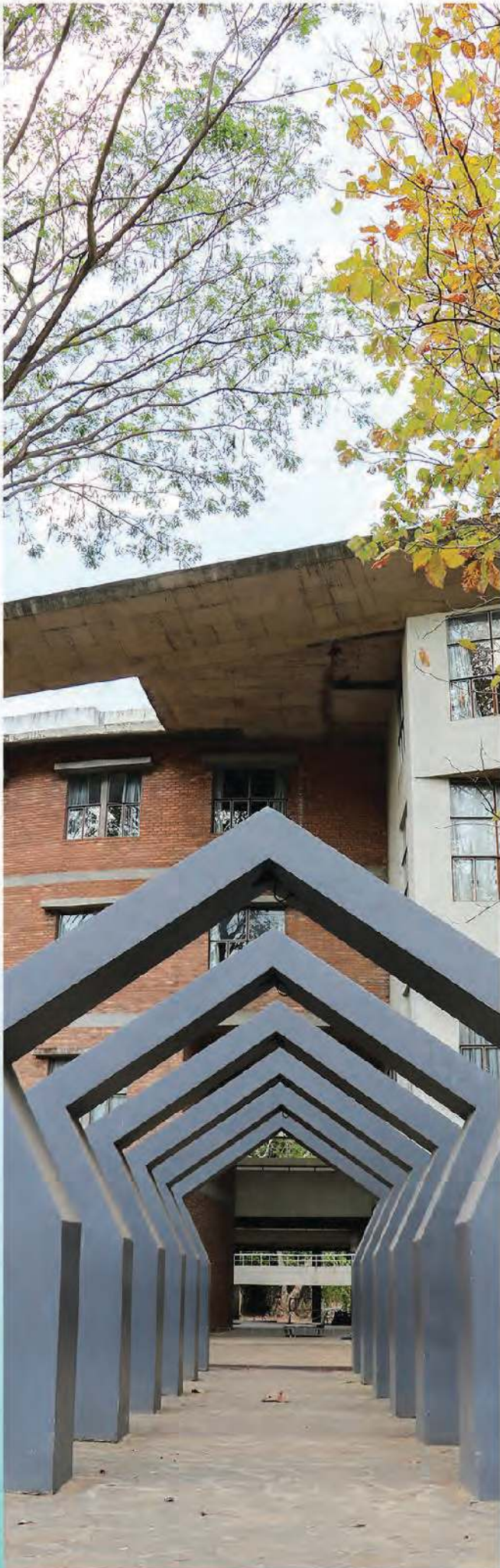
is an international, research-based degree in architecture. Aiming at integrating architecture studies with related fields, the program is designed to tackle the current regional and global issues which confront our built environments today meanwhile searching for sustainable alternatives for ongoing future problems and dynamics.

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## Research Platform : Diverse Expertise

Our research platform is largely divided into two tiers: tradition and innovation. The first one, tradition, explores the theoretical and empirical contexts of architecture and environment through documentary and field-based research. The second one, innovation, explores technological advancement in planning and design of the built environment. These two tiers are overlapped and interrelated, and the students can build up their research based on the combined two tiers. Our 20+ PhD staff comprise of diverse expertise ranging from architectural theories, vernacular architecture studies (specializing Thai, Lanna Southeast Asia and Asia), urban studies (urban architecture/urban planning /urban conservation), environmental planning and management (restorative/well-being/healing environments), aging society and universal design, energy conscious and tropical design, building and material technology (bamboo/timber/renewable materials), climate change and disaster management.





## Innovation



### Innovation

Explores technological advancement in planning and design of the built environment

- Design Research for Disaster risk reduction
- Building Technology
- Global warming
- Architectural Theory
- Urban Planning and Design
- Well-being of aging society & universal design for all
- Climate change
- Smart and sustainable design
- Innovation of architecture & environment
- Environmental planning

### Tradition

Explores the theoretical & empirical contexts of architecture & environment through documentary & field-based research

- Timber & Bamboo Architecture
- ECO-Materials and Techology
- Conservation
- Vernacular Architecture
- Lanna, Thai, Southeast Asia & Asia architecture
- Traditional environment
- Cultural Landscape

## Tradition



Applicants must complete the master's degree in Architecture, Landscape Architecture, Interior Architecture, Decorative Arts, Urban and Environmental Design and Planning, Urban Planning, Project and Construction Management, Engineering, or other related fields in Science and Technology, Humanities, and Social Science.

	Program	Credits	
		Course Work	Thesis <small>Thesis must be written in English</small>
<b>Master's Degree Graduates</b> 3-year course	1.1 Full Research	-	48
	2.1 Course Work + Research	12	36
<b>Bachelor's Degree Graduates</b> 5-year course	1.2 Full Research	-	72
	2.2 Course Work + Research	36	48



## Head Instructors



Dr. Rawiwan Oranratmanee  
Associate Professor



Dr. Tanut Waroonkun  
Associate Professor



Dr. Titaya Sararit  
Assistant Professor



Dr. Pandin Ounchanum  
Assistant Professor

## Curriculum Instructors

Asst. Prof. Dr. Chaowalid Saicharoent  
Asst. Prof. Dr. Ekkachai Mahaek  
Asst. Prof. Dr. Piyadech Arkarapotiwong  
Asst. Prof. Dr. Sumavalee Chindapol  
Asst. Prof. Dr. Umpiga Shummdatayar  
Asst. Prof. Dr. Yuttana Tongtuam  
Dr. Chiranthanin Kitika

Assoc. Prof. Dr. Angunthip Srisuwan  
Assoc. Prof. Dr. Karuna Raksawin  
Assoc. Prof. Dr. Nawit Ongsavangchai  
Assoc. Prof. Dr. Pranom Tansukanun  
Assoc. Prof. Dr. Sant Suwatharapinun  
Assoc. Prof. Dr. Vitul Lieorungruang  
Asst. Prof. Dr. Apichoke Lekagul

## Tuition

80,000 baht per semester



Community revitalization through Sustainable marketplace index.

Year 1 student of Ph.D. Program  
Student : Mr. Phoowadech Wongsom



The research is starting through the question that, why the Kad-Kong-Tha pedestrian market, Lampang province is sustained and survives among the sociocultural transformation and many alternative shop places till now? That shows their place might have sustainable marketplace indicators. Therefore, If sustainable marketplace indicators can be sought and we can be adopted to another place (in a similar) context through the appropriate policy-making process to revitalize the community for well-being and sustainability.

# Our Facilities

Faculty of Architecture, Chiang Mai University is aware of the importance of elements that help encourage students' ability to the highest development. The efficiency of the buildings and other elements that support education will build an effective learning environment. These elements include:



## **Wood and Metal Laboratory**

It is located on the faculty's 1st floor, opening for students to work on their wood and metal projects. Specific equipment and tools will be provided in the lab.

Opening hours: Monday to Friday 08.30 - 16.30. Closed on public holidays.

## **Faculty Library**

It is located on the faculty's 4th floor providing up to 18,000 books and journals in architecture and other related fields that will support the learning and teaching.

Opening hours: Monday to Friday 08.30 - 16.30. Closed on public holidays.



## **Energy Laboratory**

It is a space for architectural energy experiment located on the faculty's 3rd floor.



## **Lecture Room**

These rooms are used for the faculty's teaching and learning.



### **Lanna Architecture Center**

Lanna Architecture Center is situated on Klang Wiang Intersection of Chiang Mai city in an around 120-year-old building and is looked after by the Faculty of Architecture. The center is used for conducting research as well as for collecting and publishing Lanna architectural and cultural knowledge.

Opening hours: Tuesday to Saturday 08.30 - 16.30.  
Closed on Sundays and Mandays.



### **The 21st Century Learning Center**

It is a meeting and co-working space located on the faculty's 1st floor. The area consists of a coffee shop and a large working space. It is sometimes turned into a place to organize learning and teaching events as well.



### **Faculty of Architecture Chiang Mai University Alumni Association Office**

It is an area for the Faculty of Architecture Alumni Association to use in conducting alumni activities as well as for current students' activities and other events organized by the faculty. The office is located on the faculty's 1st floor.



### **Studios**

The studios are provided for students of each year to work on their designs and projects.



### **Smart Classroom**

Smart Classroom, located on the faculty's 3rd floor, is designed to be a lecture and presentation room. With the use of Interactive Board, many forms of presentation could be conducted.



### **Computer Laboratory**

It is located on the faculty's 3rd floor. This computer laboratory provides programs that will support the students in their architectural studies.

Opening hours: Monday to Friday  
08.30 - 16.30. Closed on public holidays.



### **Auditorium**

The auditorium is a large meeting hall located on the faculty's 3rd floor with seating for around 400. The auditorium is used to conduct faculty's teaching and learning activities as well as other special educational events.



### **Laser Cutter Laboratory**

The lab, located in the faculty's 1st floor, provides laser cutting machines for students.

Opening hours: Monday to Friday 08.30 - 16.30.  
Closed on public holidays.

# CMU Presidential Scholarship

Chiang Mai University (CMU) is offering 200 Full Graduate Level Scholarships per year, an exciting opportunity to study at CMU for both Thai and international citizens who possess a high potential and who meet our requirements.

For the 2021 academic year, the starting date for the 1st Semester has changed to June 2021 and there will only be one application round for the Presidential Scholarships in 2021. If applicants are interested in applying for a study starting in the 2nd semester of 2021, please contact the Program Administrative Committee Chair directly, in order to find a research topic and match with a Thesis Advisor and to apply for the scholarship in advance.



## Termination of the Scholarship (for both Doctoral and Master's Levels)

1. Deceased
2. Resignation
3. Misbehaviour
4. Lack of a full-time student status or the eligibility to apply for the scholarship
5. Unable to live in Thailand due to the Laws, Rules or Regulations of Thailand or any other reasons.
6. Any other reason(s) that the advisor or Faculty/ College/School/Institute has proposed to terminate the scholarship and the scholarship committee has approved the decision, e.g., unable to study, not well performed, lack of study progress, etc.

Doctoral Degree Scholarships: 100  
(in total per year)  
Master's Degree Scholarships: 100  
(in total per year)



Announcement CMU  
Presidential Scholarship  
for the 2021 Academic Year



### Application Schedule

- Period/Date Round 1 : 1st December 2020 to 27th December 2020
- Scholarship Awards Announcement Round 1: 29th January 2021
- Period/Date Round 2 : 18th February 2021 to 25th April 2021
- Scholarship Awards Announcement Round 2: 28th May 2021



### Contact Person

Student Development Section  
Graduate School, Chiang Mai University

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