

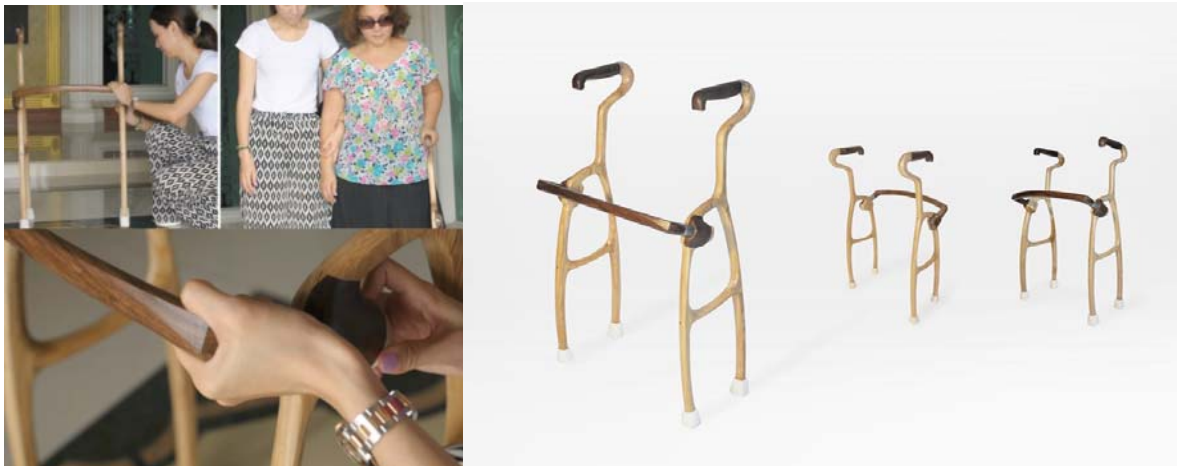
### **Lab Internship Program**

Our design labs are established to tackle real world and speculative projects, with each lab representing the different areas of design expertise found at SoA+D. The labs aim to identify problems and opportunities, envision a variety of possibilities, undertake in depth research and implement constructive yet creative solutions in real-world settings. Exchange students will also have opportunities to participate in our Summer Lab Internship Program. This program will provide opportunities for our international exchange students to work in our research lab environment and resources available at SoA+D. Lists of Labs open for internship and their details are as follow:

### **ABLE Lab**

With an aim of enhancing the lives of the elderly, this lab gathers team members from various disciplines to produce relevant products and services. Research focuses on product/service design, education, and in/exterior design that are considerate to the needs of the ageing society. The lab also promotes awareness among the business sector through collaborative studios with consultations on real products and life situations to produce the best outcomes for the elderly population.

Contact: Asst. Prof. Dr. Chujit Treerattanapan at [chujit.jea@kmutt.ac.th](mailto:chujit.jea@kmutt.ac.th)



## Social Cultural Innovation Lab

As a multi-disciplinary team of researchers and design practitioners, the Social and Cultural Innovation Lab focuses on social and cultural challenges at the community, local and national scales. The aim is to search for new methodologies and tools to establish a body of knowledge in social innovation, design for sustainability, inclusive design, and cultural management through case studies from real world contexts. The issues targeted for study ranged from arts and crafts wisdom, social wellbeing and education as well as how the creative industries can be a generative instrument for social welfare to enhance quality of life for local and marginalized groups.

Contact: Asst. Prof. Nanthana Boonlaor at [nanthana.kul@gmail.com](mailto:nanthana.kul@gmail.com)



### **Jacob Jensen Lab**

Collaborating with KMUTT, the Jacob Jensen Design studio in Bangkok offers creative services and a Master's level apprenticeship program. Under the tutelage of Professor Timothy Jacob Jensen and senior designers, apprentice designers will learn the Jacob Jensen Design methods, values and thoughts, which have evolved and been refined over decades of practice. Apprentices will acquire ethical and professional standards and add credibility to their existing résumé.

Contact: [internship@jacobjensen.com](mailto:internship@jacobjensen.com)



### **Computation & Fabrication Lab**

With a focus on computation and production in architecture and design, the lab undertakes research into the use of computation and materiality as a way to bridge the gap between digital and analogue production through the digital fabrication processes, which enables advanced design capabilities. The lab is consistently expanding and equipped with high quality machines, which can provide affordable digital fabrication services and software training to students, staff and public.

Contact : Prof. Sukhumarn Thamwiset at [s.thamwiset@gmail.com](mailto:s.thamwiset@gmail.com)



### **Future Living Lab**

By specializing in research and design into new forms of architecture, structure, building systems, and building envelopes future solutions to the built environment can be found. This also extends in the labs research and design focus on seismic and natural disaster resistant architecture, prefabricated buildings, components design and digital design and fabrication.

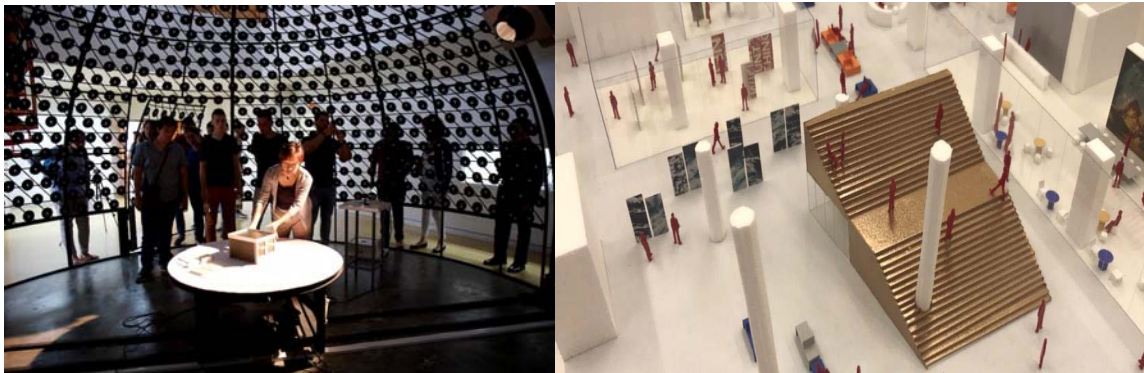
Contact: Mr. Thanarath Thamsupapong at [thanarath.tha@gmail.com](mailto:thanarath.tha@gmail.com)



### **Lighting Research & Innovation Center**

Focusing on lighting applications and technology research, LRIC is led by a team of lighting researchers and industrial design experts. We work closely with researchers from the Faculty of Engineering (Electrical Engineering and Computer Engineering), School of Energy and Materials, and JGSEE (on daylighting and energy-efficiency in buildings). We also collaborate on a number of projects with the California Lighting Technology Center at UC Davis as well as other leading universities in the Asia-Pacific region. Our research addresses the significance of energy efficiency and lighting quality as well as human factors. We aim to bridge the gap between lighting technologies and design applications in architecture and urban settings. These include daylighting and artificial lighting - both indoor and outdoor applications such as workplace lighting and smart exterior lighting. While we strive for research excellence, we've maintained our close links to the design community as well as the lighting industry.

Contact: Asst. Prof. Dr. Chanyaporn Chuntamara at [inverselighting@gmail.com](mailto:inverselighting@gmail.com)



### **Urban Sense Lab**

Creative and innovative economies can be encouraged and built by understanding the setting and environment in which they can flourish. The urban environment is key to the attraction, and its perception is dependent on the senses. It is through this essential understanding of how people interact with the city and experience the environment with all the senses that development can be made. The Urban Sense Lab aims to study and create urban experiences, using a range of visual, sonic, olfactory, gustatory and tactile modes in models suited to the development of the local culture along with the wider global context.

Contact: Dr. Kanjaneer Buddhimedhee at [budthime@yahoo.com](mailto:budthime@yahoo.com)

### Lab Internship Scholarship

International exchange students from partner universities can apply for KMUTT lab internship scholarship ([Please see the list of partner universities here](#)). \*based on 1-2 months internship.

Country	9 Target Countries in ASEAN region, China, South Korea, Japan & Taiwan.	Other Countries
Scholarship per semester	10,000 THB* (300 USD)	8,000 THB* (250 USD)
Reimbursement with IA KMUTT office		
Personal expenses per semester	32,000 THB (1,000 USD)	
	(8,000 THB per month x 4 months)	

For further information, please kindly email to [woranooch.lee@kmutt.ac.th](mailto:woranooch.lee@kmutt.ac.th) or [thitikarn.sri@kmutt.ac.th](mailto:thitikarn.sri@kmutt.ac.th)