15ᵗʰ AUNILO Meeting
THAILAND Country Report

Mahidol University Library and Knowledge Center

Chulalongkorn University Libraries

PSU KHUNYING LONG ATHAKRAVISUNTHORN LEARNING RESOURCES CENTER

BUU LIBRARY

CMUL CHIANG MAI UNIVERSITY LIBRARY

Ministry of Higher Education, Science, Research, and Innovation (MHESI)

University Profile
(Student Population, Faculty, Programs)

Mahidol University
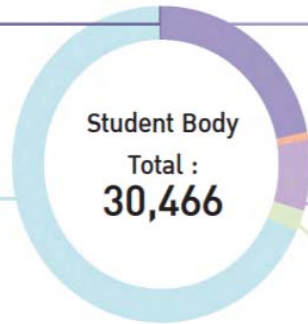*Wisdom of the Land*

Siriraj Hospital - since 1888

Academic Program
Total : 648

- Certificate — **6**
- Certificate of Proficiency — **142**
- Master Degree — **185**
- Higher Graduate/Graduate Diploma — **77**
- Fellowship Program — **69**
- Doctoral Degree — **83**
- Bachelor Degree — **86**

Remark : 226 international degree programs

Academic Staff
Total : 3,491

- Full Professor — **161**

Remark : 89% with Doctoral or equivalent degrees

Student Body
Total : 30,466

- Graduate Diploma — **82**
- Master Degree — **6,590**
- Higher Graduate Diploma — **280**
- Doctoral Degree — **2,164**
- Certificate — **706**
- Bachelor Degree — **20,644**

Remark : 994 of the above are international students (postgraduate 663 & undergraduate 331).

- 15.2% Other
- 3.0% Computer Science
- 4.1% Chemistry
- 2.6% Materials Science
- 4.2% Engineering
- 6.4% Agricultural and Biological Science
- 2.5% Social Sciences
- 4.2% Pharmacology Toxicology and Pharmaceutics
- 12.5% Biochemistry, Genetics and Molecular Biology
- 35.7% Medicine
- 7.3% Immunology and Microbiology
- 2.3% Environmental

จุฬาลงกรณ์มหาวิทยาลัย
CHULALONGKORN UNIVERSITY

Established **1917**

Bangkok Thailand

19 faculties
23 colleges and research institutes

Over **38,000** students
- **24,951** undergraduates
- **13,391** postgraduates

2,800 faculty members

Library Networks
37 faculties/institutions

University Motto:
The Wise Cultivate Themselves

THE UNIVERSITY

University Profile

1964 : Established as the first provincial public University in Thailand

2008 : the University's status was changed to be an 'Autonomous University'

University of Excellence

Comprehensive University

21 Faculties

6 Research Institutes

3 Colleges

1 Graduate School

ACADEMIC ADMINISTRATION

Faculties : 21

Health Sciences	Science & Technology	Humanities & Social Sciences
•Faculty of Associated Medical Sciences •Faculty of Dentistry •Faculty of Medicine •Faculty of Nursing •Faculty of Pharmacy •Faculty of Public Health	•Faculty of Agriculture •Faculty Of Agro-Industry •Faculty of Architecture •Faculty Of Engineering •Faculty of Science •Faculty of Veterinary Medicine	•Faculty of Business Administration •Faculty of Economics •Faculty of Education •Faculty of Fine Arts •Faculty of Humanities •Faculty of Law •Faculty of Mass Communication •Faculty of Political Science and Public Administration •Faculty of Social Sciences

Colleges: 3

International College

College of Arts, Media and Technology

College of Marine Studies and Management

Research Institutes : 5

Research Institute for Health Sciences

Science & Technology Research Institute

Social Research Institute

Energy Research & Development Institute Nakornping

Postharvest Technology Research Institute

Lanna Rice Research Center

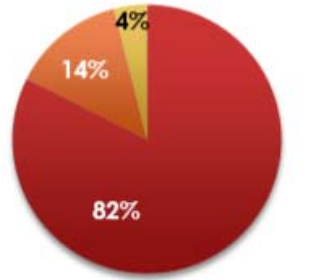**Graduate School : 1**

Institutes: 2

School of Public Policy

Biomedical Engineering Institute
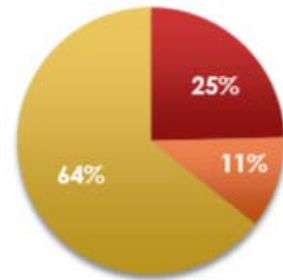
STUDENT & ACADEMIC STAFF (Academic Year 2018)

Number of Students :

Total Students : 32,744

- Bachelor's Degree : 26,975
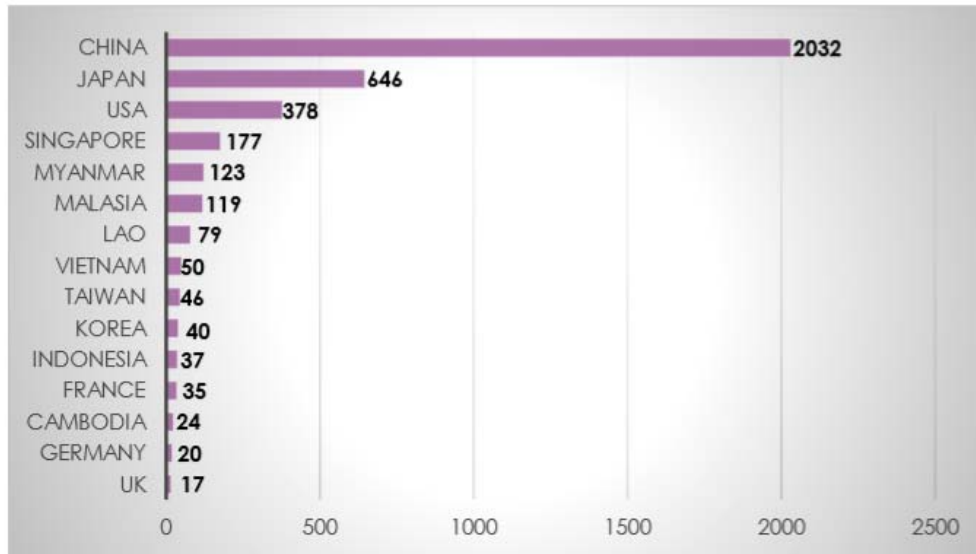- Master's Degree : 4,463
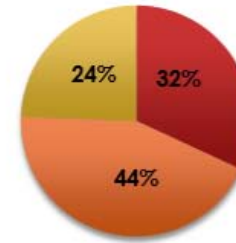- Doctoral Degree : 1,306

International Students : 3,975

- Degree Program : 978
- Exchange Program : 443
- Short Course Program : 2,554

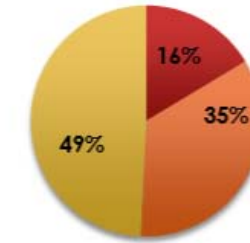## No. International Students : Classified by Country (Top 15 Countries)

Country	Value
CHINA	2032
JAPAN	646
USA	378
SINGAPORE	177
MYANMAR	123
MALASIA	119
LAO	79
VIETNAM	50
TAIWAN	46
KOREA	40
INDONESIA	37
FRANCE	35
CAMBODIA	24
GERMANY	20
UK	17

Regular Programs : 307

- Undergraduate Degree: 98
- Master's Degree : 134
- Doctoral Degree : 75

International Programs : 61

- Undergraduate Degree: 10
- Master's Degree : 21
- Doctoral Degree : 30

Joint/Double Degree Programs : 9 , 1. Bachelor of Myanmar Language and Culture (Yangon University, Myanmar)

2. Master of Public Health Program in One Health (University of Minnesota, USA)
3. Master of Food Science and Technology (University of Reading, UK)
4. Master of Economics (Yunnan University, China)
5. Master of Architecture (Kyoto Institute of Technology, Japan)
6. Master of Modeling and Simulation in Mechanic (University of Montpellier, France)
7. Master of Logistics (Otto-von-Guericke-Universitat Magdeburg, Germany)
8. Master of Nursing Science (Chendu University, China)
9. Master and Doctoral of Agriculture (Kagawa University & Niigata University, Japan)
10. Doctotal of Knowledge Management and computer Science (Lumier Lyon2, France)

Academic Staff: Thai 2,321   International 152
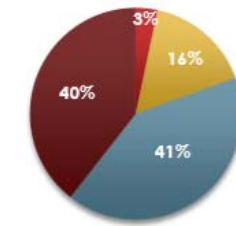
- Professor: 77
- Associate Professor: 376
- Assistant Professor: 953
- Lecturer: 915
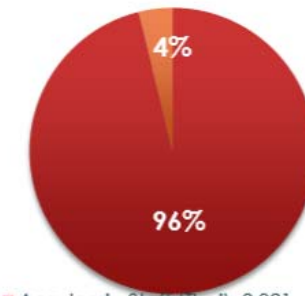
- Academic Staff (Thai): 2,321
- Academic Staff (International) : 92

Burapha University is the public university and major university of EEC located in the eastern coast of Chonburi.
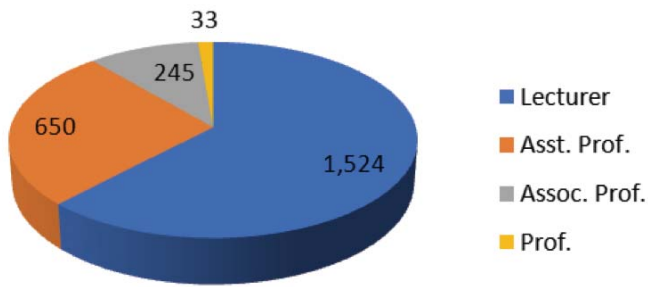

We offer various curriculum in a wide range of group of majors:
- Health Sciences
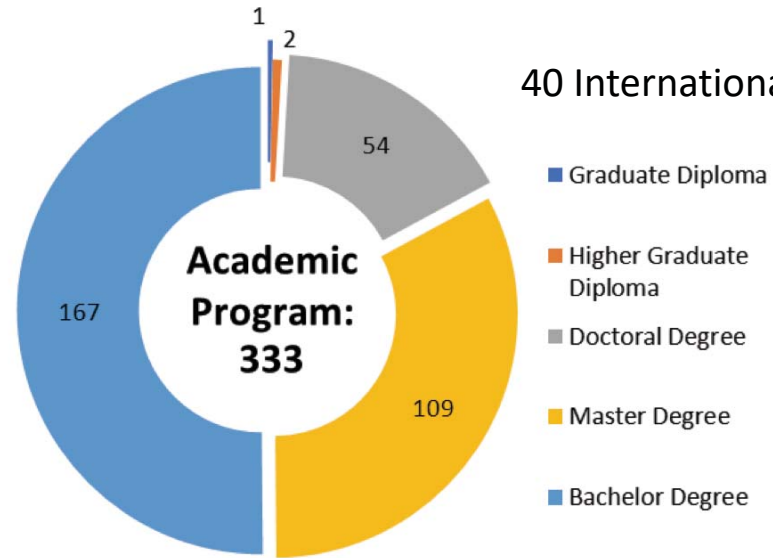- Science and Technology
- Humanities and Social Sciences.

The university has **28** faculties.

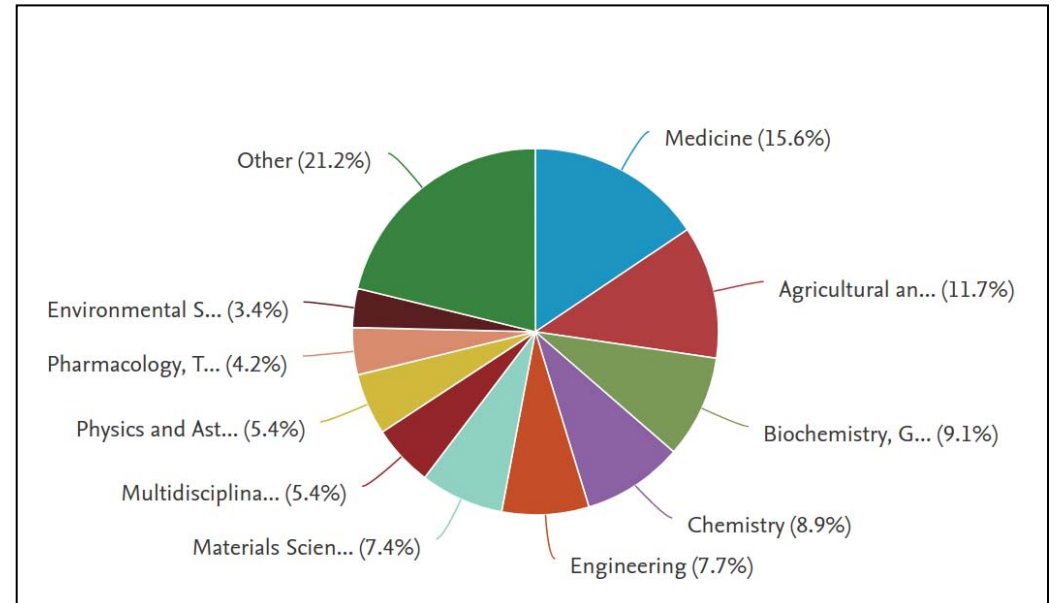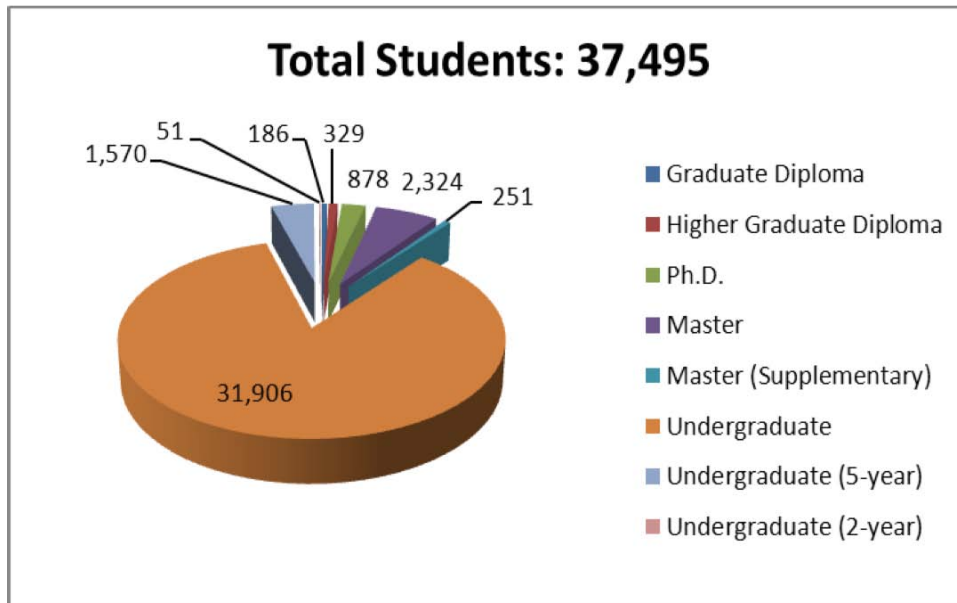There are totally **31,159** students.

PRINCE OF SONGKLA UNIVERSITY
มหาวิทยาลัยสงขลานครินทร์

Total staff 2,452

66% with Ph.D. Qualification

Lecturer: 1,524
Asst. Prof.: 650
Assoc. Prof.: 245
Prof.: 33

40 International programs

Academic Program: 333

- Graduate Diploma: 1
- Higher Graduate Diploma: 2
- Doctoral Degree: 54
- Master Degree: 109
- Bachelor Degree: 167

Total Students: 37,495

- Graduate Diploma: 51
- Higher Graduate Diploma: 186
- Ph.D.: 329
- Master: 878
- Master (Supplementary): 2,324
- Undergraduate: 31,906
- Undergraduate (5-year): 1,570
- Undergraduate (2-year): 251

- Medicine (15.6%)
- Agricultural an... (11.7%)
- Biochemistry, G... (9.1%)
- Chemistry (8.9%)
- Engineering (7.7%)
- Materials Scien... (7.4%)
- Multidisciplina... (5.4%)
- Physics and Ast... (5.4%)
- Pharmacology, T... (4.2%)
- Environmental S... (3.4%)
- Other (21.2%)

Overview of the learning and teaching methods adopted by the universities

Mahidol University
Wisdom of the Land

Mahidol University has 81 Ph.D. programs, 178 Master's programs, 4 higher graduate diplomas and 7 graduate diplomas, more than 8,000 graduate students attend the faculties and research centers in Mahidol University, with more than 1,000 students at the Ph.D level.

Mahidol University General Education (MUGE)
to enhance 7 Literacies
for 1ˢᵗ year undergraduate students :

1. M-A-H-I-D-O-L Core Values Literacy
2. Health Literacy
3. Digital Literacy
4. Social and Humanity Literacy
5. Communication Literacy
6. Science and Environmental Literacy
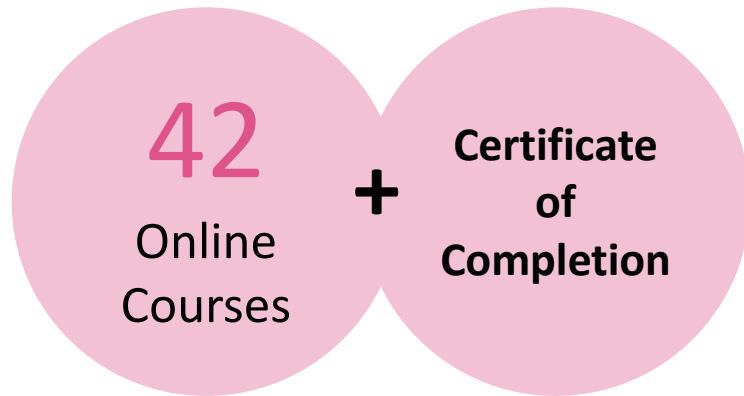7. Financial and Management Literacy

EDUCATION POLICIES

- Outcome-based Education (OBE)
- Learning-centered Education
- Constructivism
- Interprofessional Education / Practices
- EdPEx, TQA, AUN-QA, *MusiQuE, AACSB accreditation*
- Flexible Learning
- E-learning / Blended Learning
- Open EdX : **MUx** (Mahidol University Extension)

MOOC/SPOC – > 100 online courses

https://mux.mahidol.ac.th run by Education Development Unit, Academic Affairs Division, Office of the President

Anyone can learn !

42 Online Courses **+** Certificate of Completion

Introduction to Data Analytics and Big Data

Critical Thinking for Business

HRM From Theories to Practies

- **Massive Open Online Course** platform by **Chulalongkorn University**.
- Taught by experienced faculty members of **Chulalongkorn University**.
- **Anyone can register** and **get Certificate** after courses finishing.
- Now available in 42 courses and more in the future!!

[https://mooc.chula.ac.th/]

INTEGRATED THESIS & RESEARCH MANAGEMENT SYSTEM
Graduate School, Chulalongkorn University

Co-developed by Chulalongkorn University

21 Universities are using

Publish directly to Institutional Repository

- Theses /dissertations authoring platform
- Theses born digitally start from proposal to completed version of theses.
- Publish directly to institutional repository

[https://ithesis.uni.net.th/]

Akarawisut
อักขราวิสุทธิ์

Developed by Chulalongkorn University

134 Universities are using

No Fee

- Plagiarism checking platform for Thai language academics works.
- Every university can use. Just sign MOU.
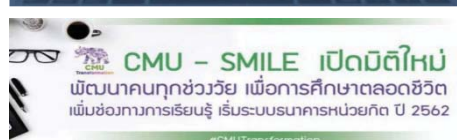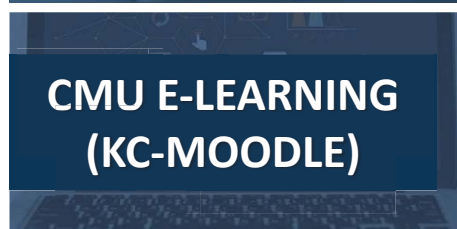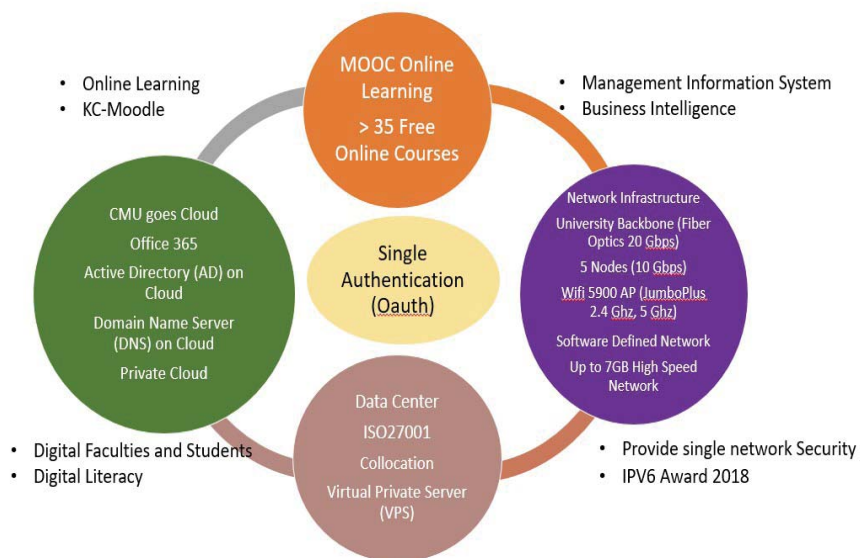- No Fee

[http://www.akarawisut.com/]

CMU Education Policies :

- Outcome-based Education (OBE)
- Learning-centered Education
- Interprofessional Education
- CMU – SMILE : New Dimension of Education Management for Lifelong Learning for All
- Quality assessment : EdPEx
- CMU e-Learning
- CMU MOOC > 35 online courses

IT Infra-structure for Education

Chiang Mai University - Digital Transformation Plan 2018-2023

- Online Learning
- KC-Moodle

MOOC Online Learning
> 35 Free Online Courses

- Management Information System
- Business Intelligence

CMU goes Cloud
Office 365
Active Directory (AD) on Cloud
Domain Name Server (DNS) on Cloud
Private Cloud

Single Authentication (Oauth)

Network Infrastructure
University Backbone (Fiber Optics 20 Gbps)
5 Nodes (10 Gbps)
Wifi 5900 AP (JumboPlus 2.4 Ghz, 5 Ghz)
Software Defined Network
Up to 7GB High Speed Network

Data Center
ISO27001
Collocation
Virtual Private Server (VPS)

- Digital Faculties and Students
- Digital Literacy

- Provide single network Security
- IPV6 Award 2018

CENTER FOR EDUCATIONAL TESTING
CHIANG MAI UNIVERSITY

CMU ePro | Language Literacy | CMU eGrad

Digital Literacy

CMU E-LEARNING
(KC-MOODLE)

CMU – SMILE เปิดมิติใหม่
พัฒนาคนทุกช่วงวัย เพื่อการศึกษาตลอดชีวิต
เพิ่มช่องทางการเรียนรู้ เริ่มระบบธนาคารหน่วยกิต ปี 2562
#CMUTransformation

CMU MOOC
โลกแห่งการเรียนรู้ไร้ขีดจำกัด
Learning & Wisdom
Sharing of knowledge | Learn anywhere, anytime | Self-paced learning

CMUOAuth

ONE IT ACCOUNT TO ALL CMU SERVICES

READ MORE - อ่านรายละเอียด

Chiang Mai University General Education to enhance 21st century skills for CMU students

- Digital & Information Literacy
- Health Literacy
- Financial Literacy
- Language Literacy
- Thinking Literacy
- Management : Problem solving, Time, Self and The King's Philosophy.
- Entrepreneur skills (start up – Innovation)
- Adaptability
- Culture and art
- Teamwork
- Volunteerism
- Environmental concerns
- CMU spirit (Sufficiency, Public mind, Responsibility & Modesty/Humility)

Learning in PSU

KHUNYING LONG ATHAKRAVISUNTHORN LEARNING RESOURCES CENTER

Student winning the 1st prize in co-operative training project

LMS@PSU Learning Management System

PSU MOOC
"การเรียนรู้ออนไลน์ แบบไร้ขีดจำกัด"
Prince of Songkla University Massive Open Online Course

Prince of Songkla University has 54 Ph.D. programs, 109 Master's programs, 2 higher graduate diplomas and 1 graduate diploma, about 2,000 graduate students attend the faculties and research centers in Prince of Songkla University, with about 400 students at the Ph.D level.

All academic activities are run by The Education Innovative Learning Academy and the Center for Learning Promotion and Development emphasis on OBE, Active Learning. Co-operative education (co-op training) as well as Work Integrated Learning (WIL) have been applied to many disciplines with co-operations from the industries/enterprises to promote student innovations.

Available online learning platforms are PSU Learning Management System (hosting more than 570 courses across 5 campuses) and PSU MOOC (hosting about 40 courses).

A Co-working space is under construction and expected to be 24-hour service for students in a month or so.

At the moment, Library has little role in driving to Education 4.0

Role of the library to support the learning and teaching process at the university

ROLE OF MAHIDOL LIBRARY to support Education

E-Database, EndNote, Turnitin Training

Multimedia Production & Training

E-Lecture Service for Flexible Learning

Mahidol OER @ https://oer.learn.in.th
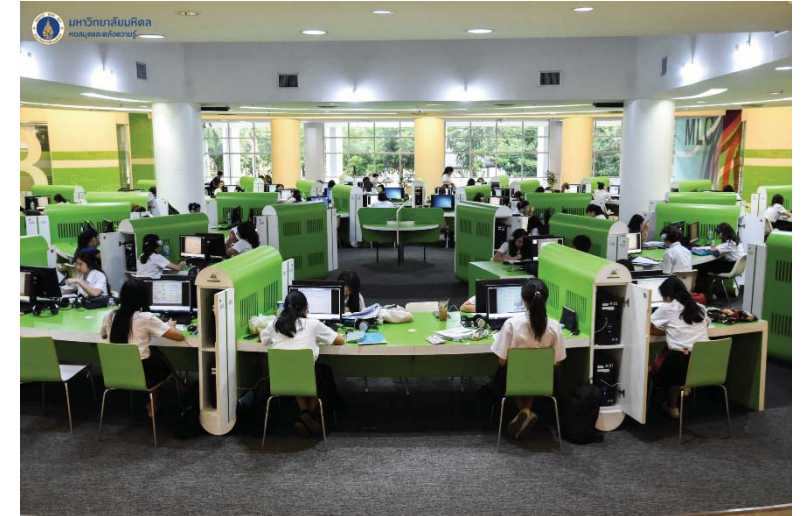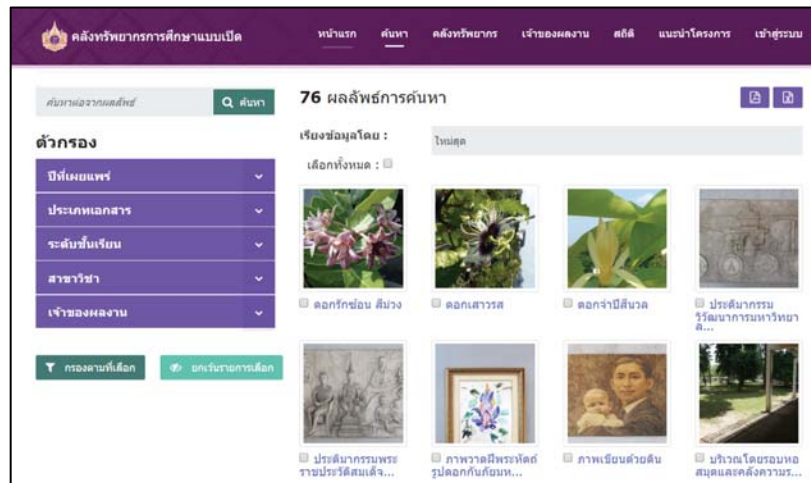
24 Hour Co-learning Space
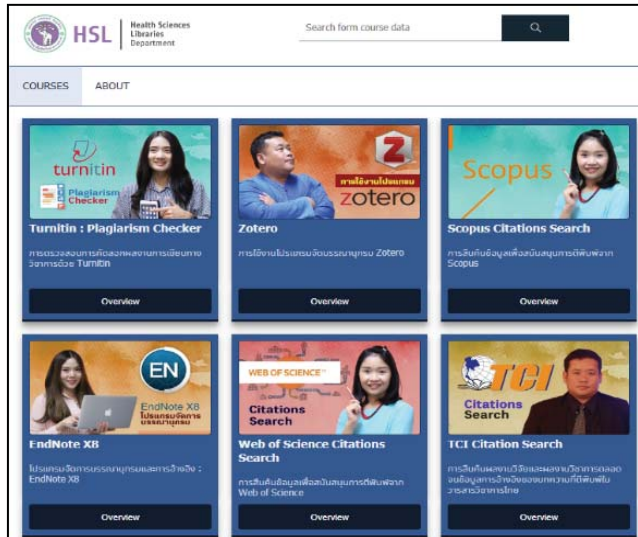
Investment Lab for Financial Literacy

Role of CMU Library to Support Education

CMUL
CHIANG MAI UNIVERSITY LIBRARY

Library Training & Online courses for Information Literacy

Online courses & Classroom

Computer & Internet (8 a.m. – midnight)

Co-working Space (8 a.m. – midnight)

Co-working Space (Library hrs.)
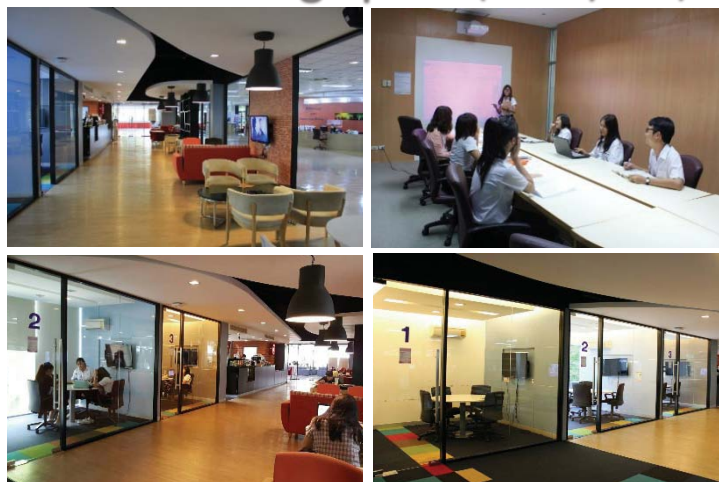
Lanna Heritage Digital Collection for All
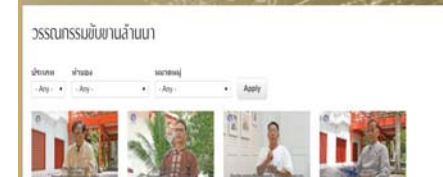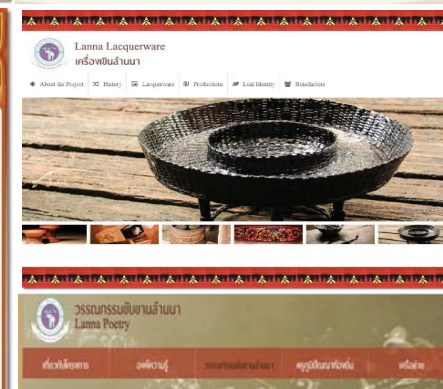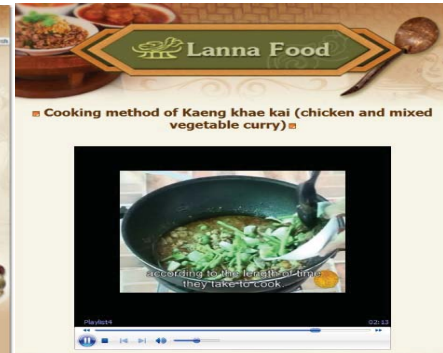
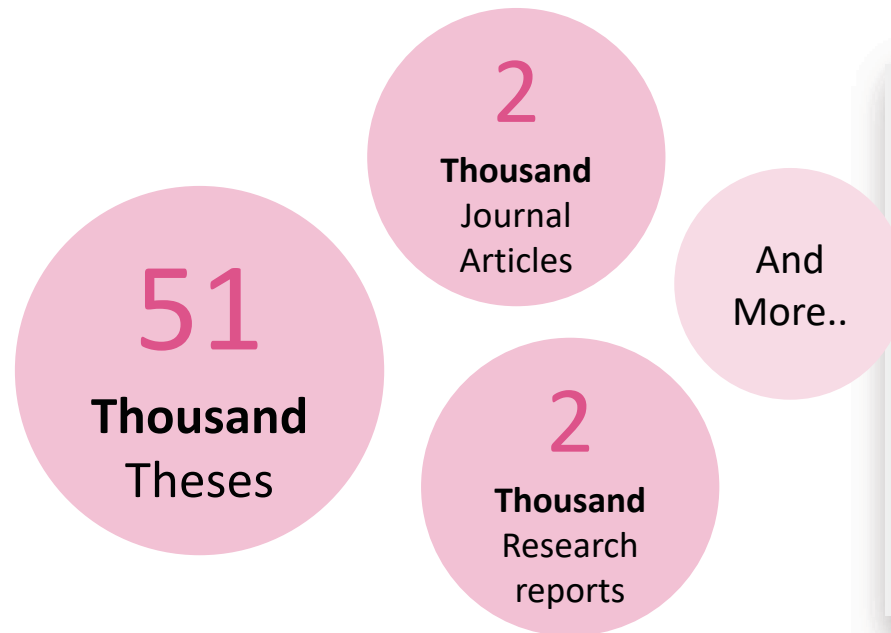**CMU IR**

Online media resources

- Videos
- Photos
- Captured Special events

- Portal for Online media resources
- Special events/Lectures of university that were captured and recorded are archived here.
- Anyone can access

Young Researcher Development Program
BY OFFICE OF RESEARCH AFFAIRS, CHULALONGKORN UNIVERSITY IN COLLABORATION WITH THE THAILAND RESEARCH FUND (TRF) AND OFFICE OF THE HIGHER EDUCATION COMMISSION (OHEC)
Welcome to 5th training session

PUBLISHING ACADEMIC RESEARCH AND KNOWLEDGE DISSEMINATION IN THE ACADEMY

May 3, 2019 ♦ 12.30-16.30
Room 801, Chaloem Rajakumari 60 Building (Chamchuri 10), Chulalongkorn University

0:00 / 3:45:52

Title :	การพัฒนาศักยภาพนักวิจัยรุ่นใหม่ผ่าน Multi Mentoring System การอบรมครั้งที่ 5 "Publishing Academic Research and Knowledge Dissemination in the Academy"
Author :	สำนักบริหารวิจัย
Date :	วันศุกร์ที่ 3 พฤษภาคม 2562
Length :	3.45 ชั่วโมง
Subject :	นักวิจัยรุ่นใหม่, พัฒนาศักยภาพนักวิจัย, อบรมนักวิจัย

[http://eresource.car.chula.ac.th/chula-media/]

CUIR
Chulalongkorn University Intellectual Repository

Open Access

51 Thousand Theses

2 Thousand Journal Articles

2 Thousand Research reports

And More..

CU IR

You can
Read   Print   Cite

Open Access
No Registration Needed
No Login Required

Theses   Research Reports   Journal Articles   Special Lectures   and more!! by "Chula Community" in "Full Text"

- Chulalongkorn University Intellectual Repository
- Highlight resources: Theses and research reports in Full Text
- Open Access (No registration needed / No login required)

[http://cuir.car.chula.ac.th/]

e-Library

จุฬาลงกรณ์มหาวิทยาลัย
CHULALONGKORN UNIVERSITY

54 E-Text books

Thailand and Southeast Asian countries' information

E-Rarebooks collection

header
null

FIRST BOOK FOR DATA STRUCTURES & ALGORITHMS IN JAVA

VISHNU KOTRAJARAS

Formal Verification
การทวนสอบเชิงรูปนัย

วิวัฒน์ วัฒนาวุฒิ
ภาควิชาวิศวกรรมคอมพิวเตอร์
คณะวิศวกรรมศาสตร์ จุฬาลงกรณ์มหาวิทยาลัย
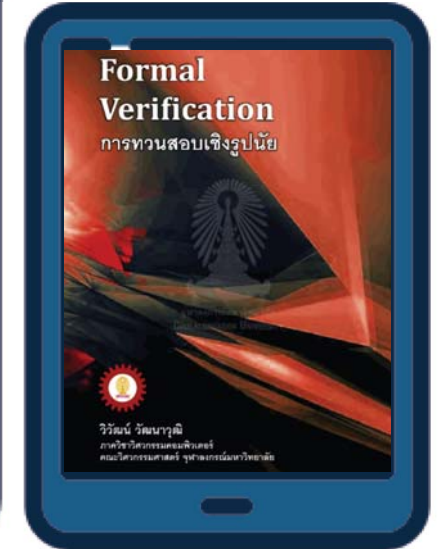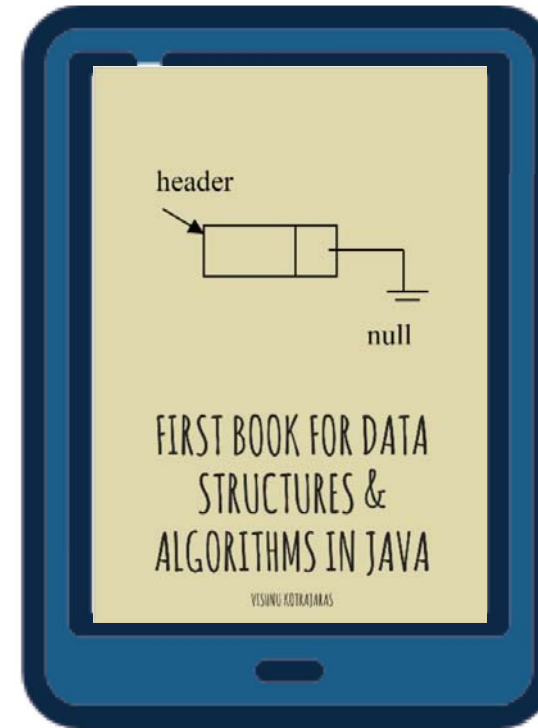
- E-Text books by faculty members of Chulalongkorn University
- E-Documents about Thailand and Southeast Asian countries' information after World War II from 1960's onward
- E-Rarebooks (Thai rarebooks)
- Anyone can access

[http://eresource.car.chula.ac.th/chula-ebooks]

ROLE OF BUU LIBRARY to support Education

BUU E-Portfolio

Burapha University Research Report
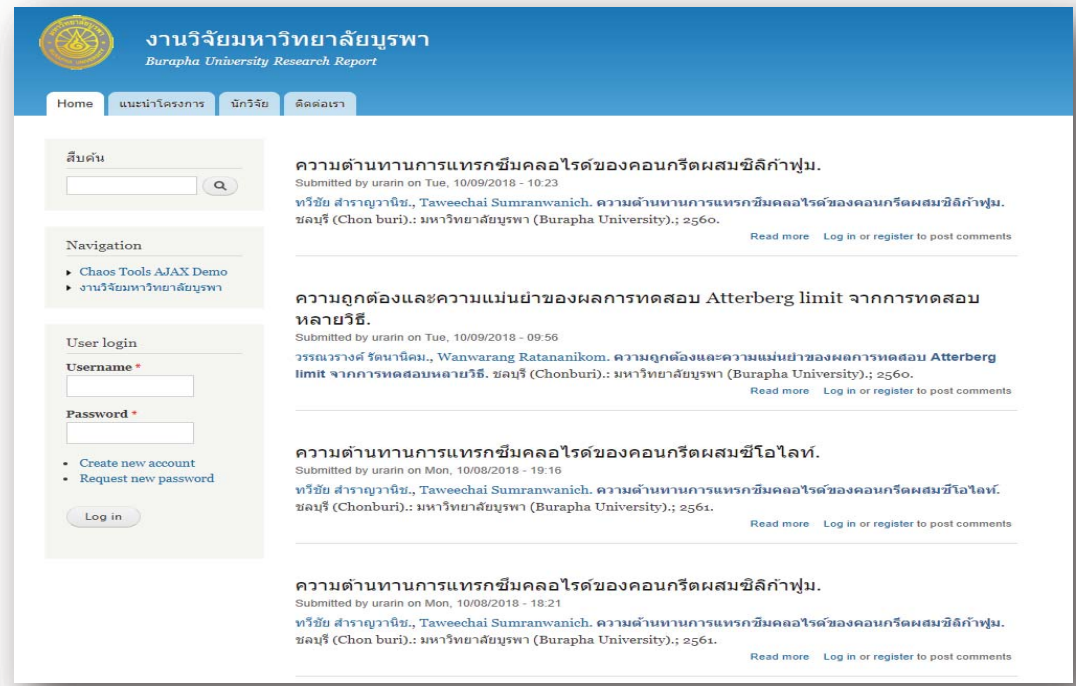
BUU E-Portfolio is a collection of electronic evidence that assembles the list of BUU lecturers name and work. It can be accessed via our website, www.lib.buu.ac.th

Burapha University Research is a collection of electronic evidence that assembles Burapha University Research. It can be accessed via our website, www.lib.buu.ac.th

BUU LIBRARY
Burapha University Library

ROLE OF BUU LIBRARY to support Education

Open Educational Resources (OER)
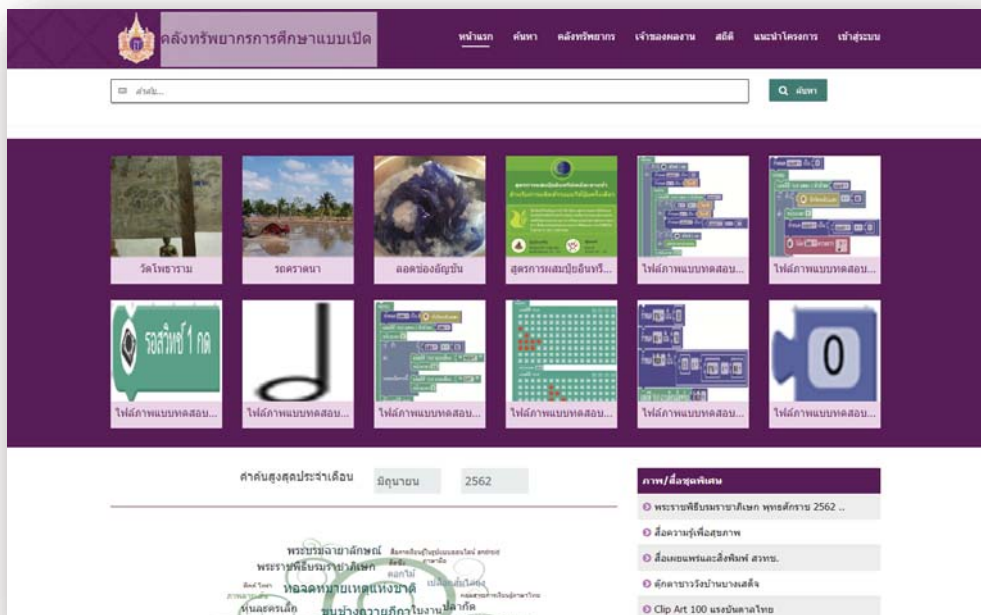
Open Educational Resources (OER) are publicly accessible materials and resources that created by the National Science and Technology Development Agency (NSTDA). Our Burapha University has joined this project by sending our resources to this database and broadly promote this database to our students and staffs.

Thai Journal-index Centre (TCI)
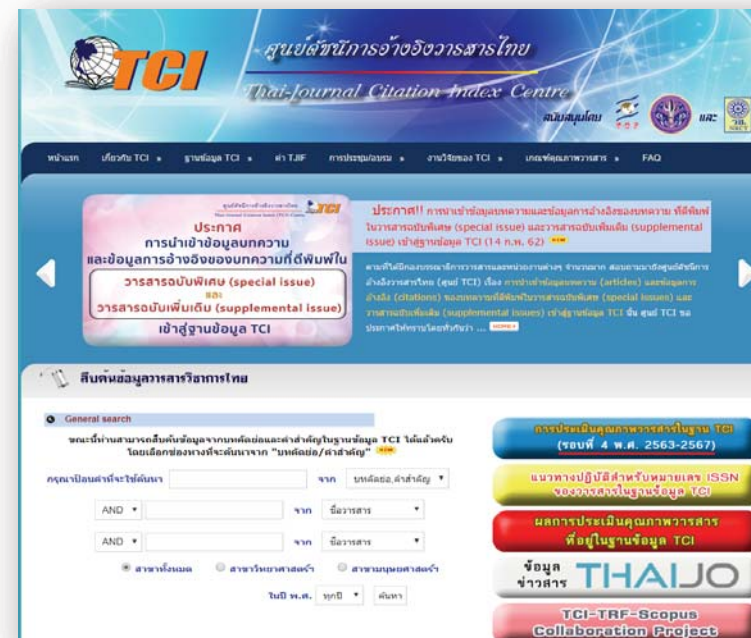
Thai Journal-index Centre (TCI) is a searching database that assembles research, scholarly work and article citation published in Thai academic journals.

TDC

TDC or Thai Digital Collection is a project of ThaiLIS with the goal to provide full database search service which is the full document of the thesis, the research reports compiled from universities all over the country.

Opportunities and challenges

Opportunities

1. Students need a safe place, social space, individual & group study space, learning commons within the university campus / Transform library into active learning spaces, more digital content – less print materials, more learning tools, more flexible, etc.
2. Higher ICT/digital skills of the customers
3. Rich resources & discovering tools in library are essential for open & flexible learning environment of the university
4. Global initiatives to transform scholarly publishing system from subscription model to open access e.g. OA2020 and Plan S

Challenges

1. Solving the problem of too expensive learning resources (imposed by commercial publishers)
2. The library still has little role in Education 4.0 (e.g. driving a culture of creativity, critical thinking, innovation and entrepreneurial mindset in the university)
3. Continuous professional development : Improving knowledge and skills of library staff prepared for open, flexible learning & Education 4.0
4. Managing the library with strategic and modern management practices