

Licensed Software Packages for Research or Instructional Application	
Microsoft	Operating Systems
	Windows 7TM, Windows 8.1 And Windows 10
	Microsoft Office
	Microsoft Office 2007, 2010, 2013, 2016
	Network Server Software
	Windows Server, SQL Server, Exchange Server, Commerce Server, BizTalk Server, Host Integration Server, Application Center, Systems Management Server, ISA Server, Mobile Information Server and SharePoint Portal Server
	Development Software
	Microsoft Visual Studio
	Design Software
	Microsoft Visio Professional
Operating System for Electronic Control Units	Windows CE
	Windows CE
IBM	Data Analysis Software
	SPSS
MathWorks	Numerical Analysis Package
	MATLAB
Adobe	Software for Graphic Design and Web Development
	Design Standard CS6 (Acrobat X Pro, Bridge CS6, Illustrator CS6, InDesign CS6, Photoshop CS6)
Bitdefender	Antivirus and Security Software
	Bitdefender Internet Security

Training Programs

IT training and technology-related tutoring options are delivered by individual experts. All those within and outside the university who wish to engage in training courses are entitled to apply.



Computer Laboratory and Smart Class Room



Computer Laboratories and Smart Class Room are available for instructional, drop-in, research and training use. Facilities and equipments are accessible for public rentals. Rental charges are calculated on the basis of a daily or hourly rate.

Rental rates	
Computer Rental	20 baht per hour
30-seat Computer Laboratory (2 rooms available)	1,500 baht per day
40-seat Computer Laboratory (2 rooms available)	2,500 baht per day
80-seat Computer Laboratory (1 room available)	3,500 baht per day
Catering and Banquet Hall (2 rooms available)	500-1,000 baht per day

N.B. Computer lab rentals are available on floor 4, Anekprasong Building, KMUTNB Bangkok campus.

ICIT Service Location

Bangkok campus, on floor 3 to 5 of Anekprasong Building:
Computer Services rooms, Wireless Services room, Computer Laboratories, Seminar and Training rooms, Administrative Office, Network System Engineering Division, Academic and Research Support Division, and Information System Development Division.

Prachinburi campus, on floor 6 of Sirthorn Building:
Computer Services rooms, Computer Laboratories, Printing room, Wireless Services room.

Rayong campus:
Computer Services rooms, Computer Laboratories

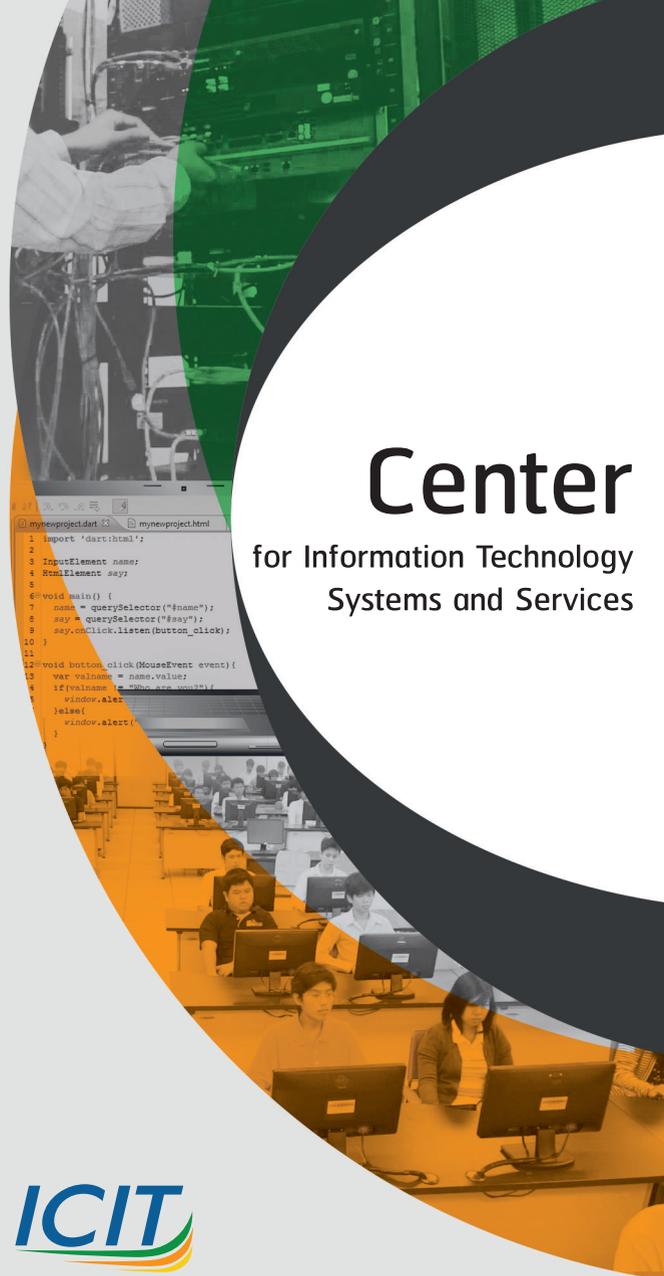
Useful Websites:

- The University's Website <http://www.kmutnb.ac.th>
- Knowledge Management Zone <http://www.km.kmutnb.ac.th>
- Central Library <http://library.kmutnb.ac.th>
- KMUTNB Digital TV <http://k-dbtv.kmutnb.ac.th>
- KMUTNB Journal <http://www.journal.kmutnb.ac.th>
- Science and Technology Research Institute <http://stri.kmutnb.ac.th>

For further information, please contact:
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July 2016



Center
for Information Technology
Systems and Services



Institute of Computer and Information Technology
King Mongkut's University of Technology North Bangkok (KMUTNB)



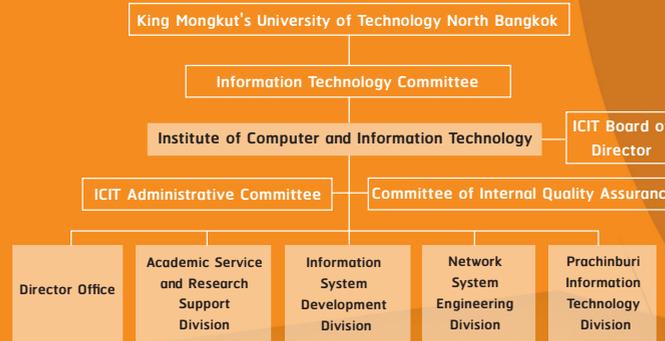


Institute of Computer and Information Technology

Institute of Computer and Information Technology (ICIT) is KMUTNB's IT Support Center where general responsibilities feature information technology technical services and the delivery of support to staff and faculty members within the University community. The operation entails a variety of services including the optimization, installation and maintenance of network systems. To facilitate the effective and strategic use of information systems, ICIT particularly engages with the University community's centralized technology support (software, hardware, and account services), and plays a large role in training provision alongside the promotion, support and dissemination of research projects within related fields.

- Underlying Philosophy** - To create a balance between effective development of human resources and information technology.
- Vision** - Commitment to service excellence and standardizing new inventions to internationally recognized paradigms
- Identity** - Center for Information Technology, Systems and Services

Under the University's administrative control, ICIT incorporate 5 principle subdivisions: Director Office; Academic Service and Research Support Division; Information System Development Division; Network System Engineering Division; and Prachinburi Information Technology Division.



University Information System

The University Information System is an integrated, intranet-based database system, of which the principal purpose is to serve the following sectors:

- Administration and Management Services**
 - 3-Dimension Account, Budget, Inventory, Financial System
 - University Personal Information System
 - Quality Service Guarantee System
 - Management Information System (MIS) for Administrative Services
 - Meeting Management Support System
 - User's Satisfaction Evaluation System
- Student Services**
 - University Student Registration System
 - University Student Admission System
 - University Prospective Student Examination System
 - SMS and Web based Examination Result Announcement System
 - Graduates' Employment Report System
- Educational Management Service**
 - Curriculum Database System
 - Teaching Evaluation System
 - Online grading and Submission System
- Network Administration Service**
 - Network Usage Monitoring System
 - Network Management System

Network Systems Provision

The computing and network services provided by the campus are as follows:

The campus-wide Internet network

Internet Access Information

Campus Location	ISP	Speed of Internet Access
KMUTNB (Bangkok)	3BB	700 Mbps (domestic) 450 Mbps (international)
	UNINET	1 Gbps
KMUTNB, Prachinburi campus	3BB	200 Mbps (domestic) 150 Mbps (international)
	UNINET	1 Gbps
Bangkok-Prachinburi (VPN)	3BB	100 Mbps
KMUTNB, Rayong campus	3BB	150 Mbps (domestic) 150 Mbps (international)
	UNINET	1 Gbps
Bangkok-Rayong (VPN)	3BB	100 Mbps
Prachinburi-Rayong (VPN)	3BB	100 Mbps

Wireless LAN

Altogether 131 wireless access points on the main campus and 45 access points on the University's Prachinburi campus network are provided by ICIT. Appropriate installation and configuration guides can be accessed at <http://www.wifi.kmutnb.ac.th>

Network Operation Center (NOC)

The operations center serves as a centralized unit that deals with security and overall campus network monitoring. It offers active support to ensure the most comprehensive and highest network security, reliability and optimal performance.

Web Hosting

Web Hosting service is available for campus individuals, campus groups and organizational units that wish to maintain their own web content in a secure manner. Maximum Web server disk space for uploaded files and images is 1 GB. Some of the most popular applications, including Wordpress, Joomla and Drupal can be installed without any complications.

Virtual Server

The virtual server allows efficient adaption of networking capabilities and applications to meet new network requirements. It encourages the meaningful and effective utilization of information technology assets. In particular, efficient use of resources and optimized operations can be realized through coordinating activities and the leverage of resources.

High-quality IT assistance

ICIT has a policy to provide the Following services related to Information Technologies

Consultation on Centrally-Supported Academic Technologies

In-person consultations are available on a wide range of issues, including overall performance, applications, network troubleshooting, virus and spyware removal, along with any assistance in installing licensed materials.

Development of Computerized Information Systems and Network Installation

Experts' consultations are distributed on a range of relevant issues including systems analysis, network configuration design and development.

IT Clinic



Inspection, repair and installation program. On computer, staff and students of the university. Available on the third floor, IT clinic, Anekpramong Building.

License Options for Teaching and Research Use

Licensed software packages are available for faculty, academic researchers, staff and students to meet the educational and research purposes.