

The College of Computing focuses on education as well as academic services in computing disciplines.

- Established on 19 August 2017
- A merger of the Information Communication Technology (ICT) and Computer Engineering (CoE) departments
- Offering multi-disciplinary fields of study including computer engineering, software engineering, information systems, information technology and e-business
- Focussing on delivering knowledge and skills, ranging from computing and digital technology to design, development and assembly of hardware (electronic equipment) and software systems
- A faculty (the College of Computing) within PSU at PSU's Phuket Campus

• 349 Students (15 International Students)

• 40 Academic Staff

• 17 Supporting Staff

Curriculum

Bachelor of Engineering in Digital Engineering (International Program)

The principles of artificial intelligence and software engineering are the fundamentals upon which students' knowledge acquisition is assured. Realistic project-based and scenario-based learning, alongside a practical work placement or internship at a company or other organisation, are selected to propel student's abilities in many dimensions and lead our students to be able to develop their own automation systems and Internet of Things (IoT) projects in conjunction with cloud computing and cybersecurity.

Bachelor of Science in Digital Business (International Program)

Applying and integrating knowledge of business management and digital technology to solve business problems and to discover new knowledge applicable to digital business industries. The courses in this programme consist of Digital Marketing, Business Analytics and Visualization, Financial Technology (FinTech), Strategic Management, and Digital and Information Economy, all of which are relevant for enhancing graduates' efficiency and effectiveness for private and public organizations.

Bachelor of Science in Computing

This curriculum aims to develop students' skills in computer technology, information technology, information systems, organization management, as well as the software engineering methodology and technology. The students will apply these principles to conduct data analysis, digital media design and creation, as well as employing computer technology in an organization. The curriculum is based on Work-Integrated Learning (WIL) to give students the job experience in a realistic setting. Students can choose one of the two tracks:

1. Artificial Intelligence and Data Science
2. Digital Media

Master of Science Program in Computing (International Program)

Teaching and conducting basic research, or problem-solving research and development, focussing on the use of industrial and social problems to develop and enhance problem-solving skills and apply computing technologies, body of knowledge and computer innovation to benefit and advance social and economic development.

Main Research Areas :

Software Engineering	Digital Media
Artificial Intelligence	Data Science
Computer Networking	Database Systems
Cloud Computing	Knowledge Management
Blockchain	Internet of Things (IoT)

International Collaboration & Cooperation

- Joint degree program
- Academic staff exchange
- Collaborative research and academic services in the fields of Software Engineering, Deep Learning, Image processing, Machine Learning, Computer Network, Cloud Computing, Linux-Unix System Administration, Graphic Design, Infographics Design, Creative-Design Thinking, E-commerce, Business Transformation, Operation and Management, Programming (Java,C,C++ Python, R, etc.), IoT (Internet of Things), Mobile Application Development and Blockchain
- Student exchange
- Visiting professors

List of Collaborations

A: International Collaborators

- University North, Croatia
- Shibaura Institute of Technology, Japan
- Sojo University, Japan
- Osaka University, Japan
- Yokohama National University, Japan
- Kanazawa University, Japan
- Musashino University, Japan
- Gandhi Institute for Technology (GIFT), Bhubaneswar, India

B: National Collaborators

- Artificial Intelligence Association of Thailand (AIAT)
- Phuket Provincial Education Council
- Patong Hotel Association
- National Science and Technology Development Agency (NSTDA)
- Microsoft



List of Research/Collaboration Centres

- Animation & Multimedia Technology Centre (AMTEC)
- AIAT Collaboration Centre Office
- Digital Media Lab
- Andaman Intelligent Tourism and Service Informatics Centre (AI-TASI)
- BLOCK

Internship or Training Programs

- Kanazawa University Summer Program
- ASEAN Future Leaders Summit
- Research Internship (MOE Taiwan Scholarship)
- ECE (École Centrale d'Electronique de Paris) internships
- Cooperative Education

