



AI×IoT×Big Data



## Hands-on Experience on AI×IoT

24 June – 3 July, 2018

### Number of Invited Students

10 Undergraduate Thai Students  
in PSU Phuket

### Requirements

- Desirably GPA 2.4 or higher (Semester 2 of 2017, or the average of all prior semesters)
- No lower than GPA 2.0
- No prior invited visit to Japan
- Introductory Skills on Data Science (Basic Math & IT skills)
- Communication Skills in English

### Schedule for application

Deadline of Application (PSU Phuket)

23 April 2018

Apply here: <https://bit.ly/2JC8fym>

Interviews for Selection

24-26 April 2018

Notification of Selection

27 April 2018

Osaka Prefecture University, a partner university with PSU, is a research-focused public university at southern Osaka with 8,500 students and 600+ professors.

This program is hosted by School of Knowledge and Information Systems, College of Sustainable System Sciences, OPU. The school offers research-based education on computer science and information technology at both undergrad and graduate level.

College of Sustainable System Sciences  
Learning Fields



1-1 Gakuen-cho, Naka Ward, Sakai, Japan

<http://www.osakafu-u.ac.jp/en/>

### Call for Invitation

The rapid progress in artificial intelligence (AI), Internet of Things (IoT) and big data analysis is changing the world that we live, and students in related fields are expected to master a higher-level of knowledge, skills, and experiences of these areas.

The aim of this Sakura Science Program by Osaka Prefecture University (OPU) for students at PSU Phuket is to offer a valuable opportunity for hands-on experience on AI×IoT through a research & development workshop of sensor technology with OPU students and technical visits to Japanese companies and museums. In the workshop, participants with OPU students are given a small research & development task to control devices using sensors connected to the Internet, and to analyze obtained data for good observation and improvement. All the teams will make a final presentation of their achievements. Through this programs, participants are expected to become familiar with how research and development is being conducted in Japan, how learning and education is done in Japanese leading universities, and how international collaborations should be made.

Supported by Japan Science and Technology Agency (JST), this program supports all the financial costs for participation including transportation and accommodation fees (but not including travel insurance and private expenditure).

OPU is happy to invite well motivated excellent students of related fields at Prince of Songkla University Phuket Campus to apply for this program. The number of invited students is 10 Thai undergraduate students. Applicants should desirably have GPA 2.4 or higher in Semester 2 of 2017 (or all prior semesters) and no lower than GPA 2.0, without prior invited visit to Japan. Introductory, or very basic, skills on data science including basic math and IT skills are assumed, as well as good communication skills in English for collaborations with OPU students. It is also expected that the participants of this program will play active roles in the exchange program of OPU students to visit PSU Phuket this September.

### Schedule (Planned, subject to change)

- |              |   |
|--------------|---|
| 24 June      | Arrival at Japan  |
| 25 June      | Orientation, Special Lectures, Campus Tour on R &D in OPU   |
| 26 June      | Visit to Japanese Companies for AI & IoT  |
| 27 - 30 June | R & D Workshop on AI×IoT with OPU Students<br>to develop sensor-based systems of small devices<br>to analyze big data using AI technologies |
| 1 July       | Osaka City Science Museum   |
| 2 July       | Final Workshop Presentation   |
| 3 July       | Departure from Japan  |