

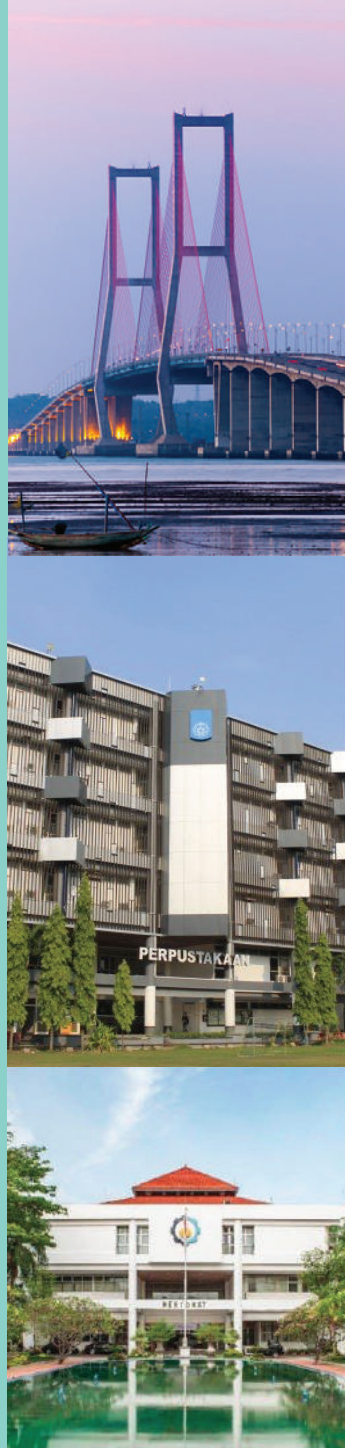
# About Surabaya

As the second largest city in Indonesia and the capital city of East Java province, Surabaya is well-equipped with public facilities and infrastructures. Surabaya with a population of over 2.7 million is located in the equatorial region. Hence there are only two seasons: a very humid rainy season and a rainy season. Surabaya is the main seaport and commercial centre in the eastern region of Indonesia. Surabaya also known as "City of Heroes" due to the importance of "Sepuluh Nopember (10th of November)" battle during Indonesia Independence war. Surabaya is a multi-ethnic and multi-religion city. It is very vibrant city that offers dynamic lifestyle.

# Institut Teknologi Sepuluh Nopember (ITS)

Being one of the best universities in Indonesia, the vision of Institut Teknologi Sepuluh Nopember (ITS) is to be an innovative research university with international recognition. ITS, which was founded in 1961 and consist of 10 faculties, offers courses and research in science and technology. Located at eastern area of Surabaya, ITS occupies a large area totalling 180 hectares as its main campus in Sukolilo.

ITS is prominent to provide excellent, scientific activities, pleasant natural life environment, very friendly atmosphere, and enormous community spirit. Working together with national and local government, industries, NGOs, communities, and all stakeholders including alumni, ITS carries out strategic programs such as integrated internationalization programs, Lab Based Education (LBE), technopark, eco-campus, comprehensive research and community outreach.



# CommTECH Camp Insight 2020

29 January – 10 February 2020



# About CommTECH

Continuing 2012 to 2019 Community and Technological (CommTECH) Comp, this time ITS again offers a very fascinating program for international partners namely CommTECH Camp Insight 2019. This program will incorporate Indonesian language course, traditional music, and dance classes. Tasting delicious Indonesian foods and visiting Surabaya community and main tourist destinations will definitely become inseparable parts of the program.

The courses are designed attractively based on Project-based Learning (PbL) method. Materials have been compiled from many credible resources and added with interesting data and facts that will provide broader and deeper understanding on the topics. "Think Loudly" is a term encouraged in the classroom interaction, in which participants are given great opportunities to articulate their understanding and opinions.

This program will be held for 13 days. The fee to join this program is very affordable, i.e. **USD 1,600**. The fee will cover airport pick-up and drop-off; accomodation and all scheduled meals; local transportation; course material; workshop tools and materials such as fabrics, t-shirt and backpack; and site visits. Please note that round-trip flight and health insurance are not part of the fee participants should arrange their own health insurance prior to the departure if needed.

## Application Procedure

CommTECH Camp Insight 2020 will open registration from 28 August – 10 December 2019. Registration form available at [bit.ly/CommTECHInsight2020](http://bit.ly/CommTECHInsight2020)

Three types of scholarships\* are provided as follows:

1. Full scholarship
2. 50% scholarship – pay US\$800
3. Partial sponsorship – pay US\$1000

\*provided for selected participants from different institutions

- Selected participants with or without scholarship will be notified by email maximum one month after the submission of the registration form
- Participants who have to pay full or partial course fee are requested to pay no later than appointment date
- Acceptance letter or invitation letter will be provided for visa arrangement

## Requirements

- Filled application form
- Scanned passport
- One recommendation letter from your university
- Scanned student/staff/lecturer ID or statement letter stating that you are a student/staff/lecturer from your university

facebook.com/groups/CommTECHITS

ITS International Office

itsinternationaloffice

### ITS International Office

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# Participants Testimonials



## Yap Sin Yee

Universiti Teknologi Malaysia (UTM)  
CommTECH Camp Highlight 2018 Participant

CommTECH Camp Highlight 2018 is my third outbound mobility program joined under my university. It is still remaining as the best program in my heart even after I had joined several international programs. From the arrangement of the program schedule, course's project contents, cultural experience, foods and accommodation, everything was well prepared and very satisfying. Sub Course B (Exploring The Biodiversity of Coastal Ecosystem) allows me to learn more biological knowledge in practical ways, and we were given the opportunity to present our results to the community as well as the authorities.

In addition, CommTECH 2018 had successfully attracted 52 participants from 14 different countries, in which I really enjoy learning together with all of them. These precious experiences are very useful for my study field. I would like to thank all the organizing committees for preparing this wonderful program. It is my pleasure to be part of CommTECH Camp Highlight 2018!

## Karma Wangchuk

Royal University of Bhutan  
CommTECH Camp Insight 2019 Participant

CommTECH Camp Insight 2019 has given me an opportunity to learn, explore and make friends. The event was fabulous and kept me entertaining so much so that two weeks elapsed without being noticed.

The learning environment was congenial. The professors and volunteers were with me through and through the program and assured with their guaranteed help and support. The timely guidance and feedback given was a paramount factor in completing my project on time. I have designed poster for the project and presented to the ITS audience. This was the best learning experience I had so far.

The program was made more exciting and mesmerizing by including cultural exploration, interacting with local people, visiting to school and trip to Bromo Mountain. These gave me a good break from my project.

I came to know many people from this program. I have increased names in my friend list. It has been about two months after the CommTECH program and we are still keeping in touch with each other. Indeed, I got a new family.

I would like to extend my sincere acknowledgement for being such a wonderful host and companion to CommTECH organizer, Surabaya and Indonesia. Keep in touch.

## Faiq Munir

National University of Science and Technology, Pakistan  
CommTECH Camp Highlight 2015 Participant

CommTECH was one of the finest experiences of my Life. It was not just because of adventurous experiences that I had but actually because of the love that CommTech team gave me. The hospitality of Indonesian people is incomparable.

Most beautiful part of CommTECH is you will get a chance to learn about the beautiful culture of Indonesia. I would encourage all the young minds to join this program, it is full of fun, learning and adventure.



# Program Schedule

## Day 1

Welcome & opening  
Campus tour

## Day 2

Course 1  
Fun Indonesian language  
Traditional games

## Day 3

Course 2  
Course 3 | visit 1  
Dinner with Surabaya city government

## Day 4

Course 4 | visit 2  
SME visit

## Day 5

City tour  
SME Centre & Mirota Batik visit

## Day 6

Learning traditional music & dance  
Course 5 | visit 3

## Day 7

Project 1 | visit 4  
Project 2 | visit 5

## Day 8

Project 3 | visit 6  
Project 4 | visit 7 | internal review

## Day 9

Project 5 | visit 8  
Project 6 | visit 9

## Day 10

Presentation about university at dept.  
Project 7 | Visit 10 | Preparation for final project  
Bromo trip

## Day 11

Bromo trip & rafting

## Day 12

Prep for final project review  
Dinner

## Day 13

Final project review & project exhibition  
Lunch & closing ceremony

# CommTECH Gallery



# Sub Courses



## Sub Course A

### Sociopreneurship in Action

The world is continuously facing problems from poverty, health, and climate change which cannot be solved by the government alone. Increasingly, business is seen as one of the initiatives that can drive social enterprise but will also provide experience and knowledge on how to build one. The program will cover important aspects of creating a new venture by generating ideas, brainstorming and prototyping, validating, and testing the idea, and developing the right business model.



## Sub Course B

### The Biodiversity of Coastal Ecosystem

Indonesia is known as a mega-biodiversity country. Indonesia is an archipelagic state, its territory stretches from 6° N to 10° S and from 95° E to 142° E, comprises about 18,110 islands with a coastline of about 108,920 km. The diversity of Indonesian marine life is hard to be precisely reported, new species are still being described and many more are still unknown.

In CommTECH Camp Insight 2020, our subjects will take you to discuss and simulate the biodiversity in this archipelagic country, Indonesia. The highlights in this subject consist of Exploring The Microbial Diversity in Tropical Mangrove Rhizosphere, Vegetation Analysis of Mangrove Ecosystem, Birdwatching on Track, Identification and Analysis of Parasite for HealthyFood, Conservation of Germplasm from Coastal Ecosystem and final review. This program is designed to suit bachelors, masters or doctoral students with or without specific knowledge in biology or coastal management.



## Sub Course C

### Build Your Own Boat: Designing, Building and Operating Unmanned Surface Vehicle

In the era of technology and communication, the task of humans increasingly helped by the presence of robot technology. This technology has begun to enter the field of naval architecture in which one of them is Unmanned Surface Vehicle (USV), a vehicle that operate on the surface of the water (watercraft) without a crew and controlled manually or autonomously via the Ground Control Station (GCS).

In CommTECH Camp Insight 2020, we will take you to understand and build your own ship prototype. The highlights in this subjects is that you will learn how to design, build, and operate your own ship. In addition, you will be invited to see the development of other type of vessels created by students in our department, i.e solar boats. This program is designed to suit bachelors, masters or doctoral students with or without specific knowledge in naval architecture field.