Institut Teknologi Sepuluh Nopember (ITS)  

Being one of the best universities in Indonesia, vision of Institut Teknologi Sepuluh Nopember (ITS) is to be an innovative research university with international recognition. ITS, which was founded in 1961 and consists of 5 faculties, offers courses and research in science and technology. Currently ITS has more than 20,000 students, 1,000 academic staffs, and 1,000 non-academic staffs. Located in Eastern area of Surabaya, ITS occupies a large area totaling 180 hectares as its main campus in Sukolilo sub-district. 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, community, and all stakeholders including alumni, ITS carries out strategic programs such as integrated internationalization programs, Lab-based-Education (LBE), techopark, eco-campus, comprehensive research and community outreach.

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 dry season.

Surabaya is the main seaport and commercial center in the eastern region of Indonesia. Surabaya also known as “City of Heroes” due to the importance of “Sepuh Napenember (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 life style. In addition to Indonesian language, the majority of residents speak a dialect of Javanese called “Surabayan”. English is also widely spoken at major shops, hotels and universities. Surabaya is also famous for many landmarks such as Tugu Pahlawan (Heroes Monument), Suro and Baya Statue (Surabaya City’s Symbol), Suramadu Bridge (the longest bridge in Indonesia), and many more.

CommTECH

Continuing 2012 to 2015 Community and Technological (CommTECH) Camp, the time ITS again offers very fascinating programs for international partners under CommTECH Camp Highlight 2016 and Insight 2017. Two sub-courses, i.e. exploring geo-archeology and Indonesia’s geothermal potential and planning and managing sustainable coastal, would be the programs in Highlight 2016. In Insight 2017, there would be three sub-courses on biomedical engineering innovation, game development programming and entrepreneurship in action. Not only thematic courses, the program will incorporates Indonesian language course, traditional music and dance classes, and batik making. Tasting delicious Indonesian foods and visiting Surabaya community and main tourist destinations will definitely become inseparable parts of the program.

All courses are designed attractively based on Participant-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 topic. “Think Locally” is a term encouraged in the classroom interaction, in which students are given great opportunities to articulate their understanding and opinions. This method would provide best learning environment for participants from different countries and background to raise ideas and discuss different perspectives. All the courses have been successfully run in 2013 with great feedbacks from participants.

This program will be held for 10 days. The fee to join this program is very affordable, i.e USD 1,600. The fee will cover airport pick-up & drop-off, accommodation and all scheduled meals, local transportation, course material, workshop tools & materials such as fabrics, T-shirt & backpack, and site visits. Please note that round-trip flight and health insurance are not part of the fee. Participant should arrange their own health insurance prior to the departure, if needed.

In addition to CommTECH Camp Highlight 2016 (Aug-Sep) and Insight 2017, ITS also offers to arrange custom short programs to accommodate the needs and schedules of various international partners.

How to Apply?

The registration for CommTECH Highlight 2016 opens from 28 March to 1 July 2016. Registration form available at www.international.its.ac.id/commtech-highlight-2016/

CommTECH Insight 2017 will open registration from 18 September - 29 December 2016. Registration form available at www.international.its.ac.id/commtech-insight-2017/

Three types of scholarships* are provided as follows:

- Full Scholarship (for 10 participants): pay USD 0
- 30% Scholarship (for 10 participants): pay USD 800
- Partial Scholarship (for 5 participants): pay USD 1,000

*Scholarship is provided for selected participants from different institutions

Acceptance letter or invitation letter will be provided for visa arrangement

Requirements

- Scanned passport
- One recommendation letter from your university
- Scanned student/staffs/Lecturer ID or statement letter that you are staff or lecturers from your university

For further enquiries, please contact Mr. Widyono at international@its.ac.id

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Testimony of participants

Ms. Natalie Rehberger (CommTECH Camp 2014) Senior Students, Evergreen State College, USA

Being a CommTECH participant was a great learning experience. Not only was I able to further my studies in Indonesia, but also meet many amazing people from around the world who I continue to have friendships with. In today’s globalized world, new cross-cultural understanding is vital in order to solve global problems. CommTECH creates a hands-on environment where participants are able to build bridges across cultural differences. Experience with the level of dedication and care of the staff and volunteers who make CommTECH possible

Mr. Henry Riedler (CommTECH Camp Highlight 2015) Head of Office of Research & Development, Svay Rieng University, Cambodia

“Taking ten days to participate CommTECH Camp Highlight 2015 in ITS of Surabaya was one of the best experiences I have ever had. I really felt the real experience of being. No, it’s more than experience. I have actually got some skills, gained trust, warm welcomes and met many new friends from around the world. CommTECH Camp Highlight is like an extreme program which strongly suggest you not to miss to participate in.”

Mr. Hidouchi Nisio (CommTECH Camp Insight 2016) Master Students - Universite de Technologie Compagnies (UTC) France

“I want to thank you for the opportunity to participate CommTECH Camp, you will discover how to make lifelong friendships in 10 days. You will also learn about cultural aspects in a very friendly and interactive way by visiting SMA, exploring Indonesian landscape such as Mount Bromo or enjoying Indonesian landscapes such as Mount Bromo or enjoying its waterfronts while doing rafting. The courses are concrete, inspired by elements directly related to the environment and help developing our open-mindedness in that new country. Is a word, why haven’t you joined yet?”

Mr. Lyndusia Slikkerveer (CommTECH Camp Highlight 2014) Former Specialist of International Student Office, Comenius University of Bratislava, Slovakia

“I was very impressed with the level of dedication and care of the staff and volunteers who make CommTECH possible. What is CommTECH, CommTECH is about people. CommTECH is about friendship. CommTECH is a very thought-out program. Day by day you will learn about the culture and immerse yourself in it. For me CommTECH became even more than just short summer program. And I’m very thankful to be a part of this huge family.”

Ms. Withmilie Blais (CommTECH Camp Insight 2016) Deputy Head of Office of Research & Development, Evergreen State College, USA

“I am very pleased to share with you my experience about CommTECH. It was an unforgettable experience. I learned a lot about the culture and the people in Indonesia, and I made a lot of new friends. I would strongly recommend this program to anyone who wants to learn more about Indonesia and its people.”

Ms. Herehau Blais (CommTECH Camp Insight 2016) Deputy Head of Office of Research & Development, Evergreen State College, USA

“Taking ten days to participate CommTECH Camp Highlight 2015 in ITS of Surabaya was one of the best experiences I have ever had. I really felt the real experience of being. No, it’s more than experience. I have actually got some skills, gained trust, warm welcomes and met many new friends from around the world. CommTECH Camp Highlight is like an extreme program which strongly suggest you not to miss to participate in.”

Dr. Benny Morto (CommTECH Camp Highlight 2015) Deputy Head of Office of Research & Development, Svay Rieng University, Cambodia

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CommTECH Camp Highlight 2016 provides 2 sub courses for the participants. Each participant must choose one of the following:

**SUB COURSE A**

**Ring of Fire**

Located in the Pacific "Ring of Fire", particularly in one of the most technically active regions in the world and nestled near the boundaries of the Indo-Australasian, Pacific, Philippine and Eurasian tectonic plates, Indonesia is incredibly susceptible to natural disasters. Using along the Ring of Fire means living with volcanic activities. The Ring of Fire is a geographic region that contains over 450 volcanoes and is home to nearly 90% of the world's earthquakes. On average, Asia experiences over 115 natural disasters a year. In this course, students will learn about geo-archaeology and Indonesia's geothermal potentials. The region's unique geological complexity that is responsible for its dynamic geothermal activity. In CommTECH Camp Highlight 2016, sub course will take students to discuss about environment civilization in volcano, the beauty of ring of fire and volcanic islands.

**SUB COURSE B**

**Strands of Sand**

The coastal area is a transitional area between land and ocean that has a physical boundary. As the largest archipelago country in the world, Indonesia's coastal areas are very strategic with their comparative and competitive advantages that could be the prime mover of the national development. In Indonesia's history, most of big cities started in coastal areas i.e. Jakarta, Surabaya, Semarang, and Balikpapan because of geographical advantages and environment services. To optimize the use of marine and coastal resources, policy intervention through spatial planning, government handling, and cooperation between stakeholders including public and private sectors are required. In CommTECH Camp Highlight 2016, this sub course will take students to discuss and simulate the management of coastal planning this archipelago country. The highlights in this subject consist of Coastal Planning Policies, Integrated Coastal Zone Management (ICZM), Coastal Risk Management, and Coastal Tourism. This program is designed to suit either bachelor or master even doctoral students with or without specific knowledge in coastal development and planning.

**CommTECH Camp Insight 2017**

This course will not only introduce participants to the concepts of social enterprise but also will bring participants to experience how to build a social enterprises. The sub course will cover some important aspects of new venture creation from idea generation, brainstorming, prototyping, validating and testing the idea and develop the right business model. Experiential learning, in which participants will observe, visit, and live in the real community setting in order to get a better sense of how the social enterprise works, will be the most attractive part of this sub course.

**SUB COURSE C**

**Introduction to Game Programming**

This course introduces participants to the concepts of human-centered design, methods of computer programming, and how these applied to the creation of games. This sub course assumes no prior programming knowledge, and is designed to explore the basic principles of digital design in the form of computer code. There will be an emphasis on game development fundamentals and participants will be motivated through the lens of designing and producing video games. In this sub course, participants will also learn about game storyboarding, game design, and game behaviour.

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**Customize Short Programs**

In addition to CommTECH Programs, ITS is also willing to organize a customized short-course program for minimum 10 participants based on specific request of our international partners. The schedule, content, and course fee of the program can be tailored to suit your requirements. ITS offers five main topics which are:

- Community based Sanitation
- Sustainable Development in Developing Countries
- IT in Emerging Society
- Business Model Canvas (BMC)
- Green Business in Indonesia

You can combine a particular topic with Indonesian language course, traditional music and dance classes, soft skill development, community engagement, site visits, and many more.

For further inquiries, please contact Mr. Wahyu at international@its.ac.id.