芝浦工業大學 SHIBAURA INSTITUTE OF TECHNOLOGY

AY2020Global PBL (Online)Performance report

International Virtual Course "The Joy of Computing in Design"

Date	Place	Partner Organization	Students' Major and Grade	Participants' Information	SIT Instructor
November27,2020 February11,2021	Indonesia	Institute Teknologi Bandung	・Department of Architecture ・Undergraduate 2nd grade ・Undergraduate 3rd grade	(SIT) Students 5, TA 1, Professor 2 (Other Universities) Students 65 Institute Teknologi Bandung Universitas Syah Kuala Universitas Indonesia Universitas Gajah Mada Universitas Pelita Harapan Universitas Islam Indonesia Universitas Udayana Universitas Surakarta Universitas Atma Jaya Yogyakarta Institut Seni Indonesia University Kebangsaan Malaysia Chitkara University India Toyohashi University of Technology	SHINOZAKI Michihiko (Department of Architecture) TANIGUCHI Taizo (Department of Architecture)

This international virtual course was hosted by School of Architecture, Planning, and Policy Development, Institut Teknologi Bandung. The program brought in general introduction of digital design and various computational methods of the design-aking process including theoretical and pedagogical aspects of digital design, computational optimization, computational understanding of traditional and heritage values, parametric design, BIM, VR/AR in design & 3-days of workshop of computational design. The course was attended by 14 foreign students from Japan, China, Malaysia, India, Mongolia and Iran, as well as 56 students from ITB and universities in Indonesia.

Lectures:
Aswin Indraprastha, School of Architecture, Planning and Policy Development, ITB
Dessi Pudji Lestari, School of Electrical Engineering and Informatics, ITB
Ibnu Syabri, SAPPK, ITB
M. Donny Koerniawa, SAPPK, ITB
Biemo W. Soemardi, Faculty of Civil Engineering and Environment, ITB

Workshop:
Aswin Indraprastha, SAPPK, ITB
Alvar Mensana, Universitas Pelita Harapan
Jacky Thiodore, Universitas Pelita Harapan
Dani Hermawan, Universitas Pelita Harapan

International Guest Lectures:
Stylianos Dritsas, Singapore University of Technology and Design
Muhammad Makki, University of Technology Sydney
Christianne M. Herr, Xi'an Jiaotong- Liverpool Uiversity
Andrew Li, Kyoto Institute of Tecnology
Sambit Datta, Curtin University
Tomohiro Fukuda, Osaka University
Michihiko Shinozaki, Shibaura Institute of Technology
Kyle Steinfeld, University of California at Berkeley