Learning from ICE Institute Indonesia

Paulina Pannen

Asia Pacific Regional Education Minister's Conference
Bangkok, June 5 – 7, 2022
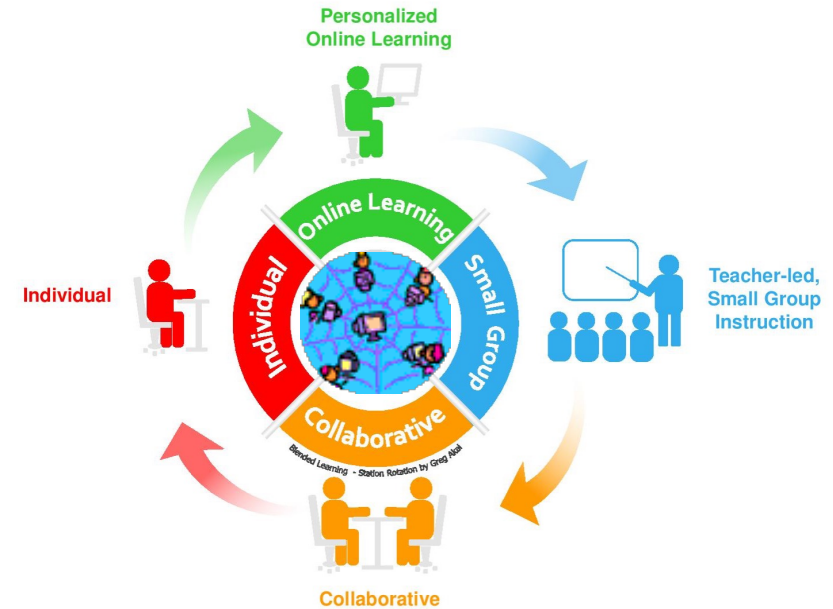**Digital Transformation and the Future of Higher Education**
Side Event by EU SHARE

sekretariat@icei.ac.id   ice.institute_   ice.institute

Before/After

Prior to Pandemic, 20% of the TopTier HEIs in Indonesia developing and using e-learning in a blended mode (for 20-30% of their courses)
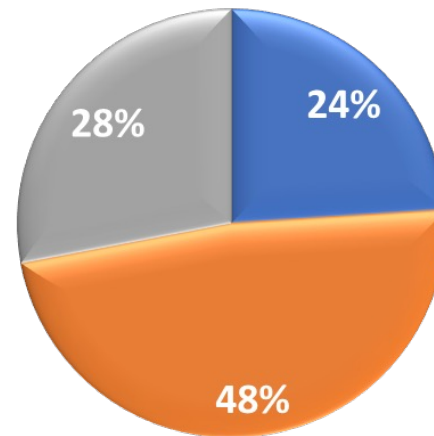

Belawati and Nizam (2020): 90% of *Indonesian HEIs have undergone digital transformation through adoption of "online learning" after Indonesia enforced limited social movement.*

During… /One Year After

- 20-40% non returning students

- 76% lecturers dan 46% students have experienced online learning.

- Google online learning platform, MOODLE, Microsoft Teams or MS Teams, Zoom

- Learning materials: PowerPoint, MSWord, portable document format, and video

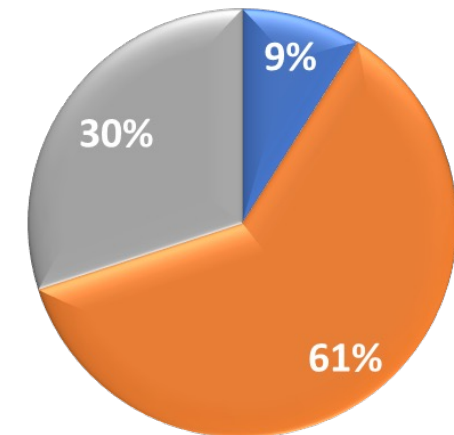- 90% lecturer dan >40% students willing to continue online learning or blended learning

STUDENTS'PREFERENCE OF LEARNING ACTIVITIES FOR 2021-2022

■ Fully F2F ■ Blended Learning ■ Fully Online

24%
48%
28%

LECTURERS'PREFERENCE OF LEARNING ACTIVITIES FOR 2021-2022

■ Fully F2F ■ Blended Learning ■ Fully Online

9%
30%
61%

Kesiapan UI dalam Kegiatan Belajar Mengajar (KBM) Tatap Muka (**Prof. Dr. rer. nat. Abdul Haris** Wakil Rektor Bidang Akademik & Kemahasiswaan) 19 April 2021

MBKM

Freedom Learning Freedom Campus

- Students are allowed to:
  - Take 20 credits from other study programs in one university
  - Take 40 credits from any other universities/institutions including foreign universities

- **Independent Study**
- **Students Exchange (Virtual)**
- **Microcredentials**

- 1420 courses from EdX
- 368 courses from ICE-I Consortium
- 60 courses from XuetangX

INDONESIA CYBER EDUCATION INSTITUTE

Indonesia Cyber Education Institute
a marketplace of online courses in Indonesia

Merdeka Belajar Untuk Semua

Freedom Learning for All

28th July 2021

(soft launching 2019)

- **Policy on MBKM (*Freedom Learning Freedom Campus* or *Emancipated Learning*)**

- **Unbundled, shared, certified (quality) courses**

- **Virtual students exchanges**

- **Digital credentials**

- **Flexilearning**

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INDONESIA CYBER EDUCATION INSTITUTE

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Basics of Computing and Programming
New York University
$199 • Available Now
A la carte | Business | Education

Mental Health and Nutrition
University of Canterbury
$149 • Starting Soon
A la carte | Business | Education

Python: aprender a programar
Universitat Politècnica de València
$49 • Available Now
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Harvard University
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Technology Entrepreneurship: Lab to Market
Harvard University

AI for Everyone: Master the Basics
IBM

Excel for Beginners
Davidson College

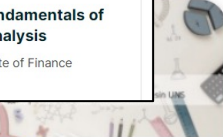**Trading - Fundamentals of Technical Analysis**
New York Institute of Finance

Edx Online Campus Collections

XuetangX Collections

XuetangX DM-IME
Introducing Marine Engineering
Starts: Sep 1, 2022

XuetangX SCUT_CN
Computer Networks
Starts: May 30, 2022

XuetangX JAU-AIAAC
An Insight into Ancient Agricultural Civilization
Starts: Jun 10, 2022

XuetangX SST-EEPSD
Ecological Environmental Protection and Sustainable Development
Starts: May 30, 2022

XuetangX SCUT-FB
Food Biochemistry

XuetangX JCU-ATCCA
Appreciation of Traditional Chinese

XuetangX DUFE-M
Management
Starts: Jun 1, 2022

XuetangX NU-SE
Software Engineering
Starts: Jun 6, 2022

XuetangX ZT-DFD
Draping for Fashion Design
Starts: Jun 1, 2022

XuetangX Ca-FCTL
Frontier Comprehensive Transportation & Logistics
Starts: Sep 1, 2022

MATA KULIAH

UNSx MS12304-20B/001027212019
Kalkulus 1
Starts: Aug 6, 2021

IPBx IPB107/002003153003
Pertanian Inovatif
Starts: Aug 16, 2021

IPBx BIO211/002003113006
Mikrobiologi
Starts: Aug 16, 2021

IPBx MAT102/002003123001
Matematika dan Berpikir Logis
Starts: Aug 16, 2021

IPBx SBI224/002003183005
Analisis Peluang Bisnis
Starts: Aug 16, 2021

IPBx ITP322/002003163008
Keamanan dan Sanitasi Pangan
Starts: Aug 16, 2021

IPBx SVK313/002003193010
Syn-Ekologi Hutan
Starts: Aug 16, 2021

UPHx PJJ072017/031034592010
Pengantar Ilmu Politik
Self-Paced

ICE Institute Consortium Collections

Partipation

Sept – Des 2021

3800

Enrollment in Consortium
Courses: 6850

Enrollment in EdX
Courses: 2007

Feb – June 2022

3254

Enrollment in Consortium
Courses: 7310

Enrollment in EdX Courses: 1573

Game Developer: 672 students

Students: 39,1% male, 60,8% female.

Neni Susilawati, Universitas Indonesia (UI) – Income Tax Withholding and Collection System

The ICE Institute provides students from other universities opportunities to study subjects with UI's standards, and students can expand their network with students from other universities.
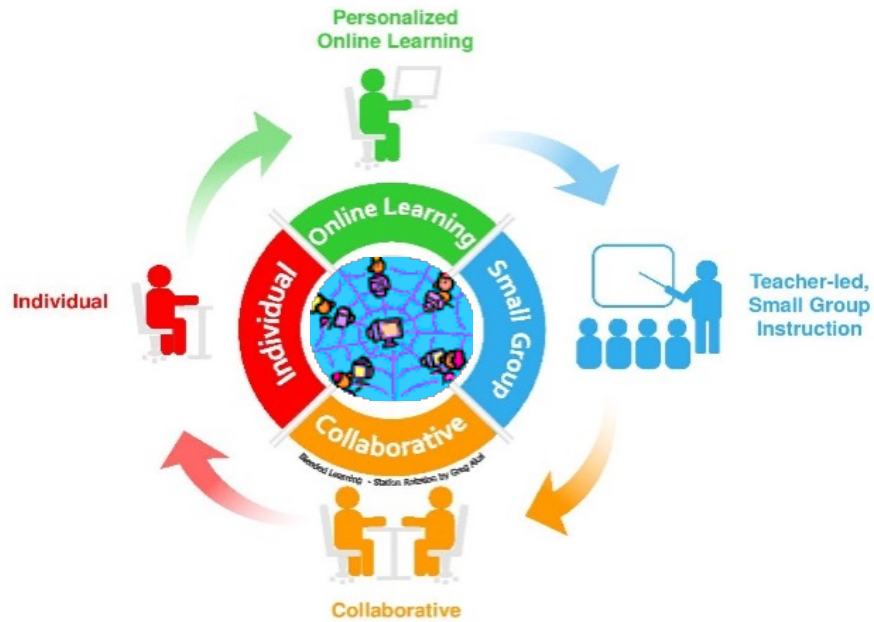
Titis Wahyuni, Universitas Indonesia

Lecturing/Learning from home can be difficult, but it's definitely achievable.

Remote learning helps reinforce lifelong skills, such as time and energy management, independence, and creative thinking.

472 lecturers: 38,7% male, 61,2% female

Flexi-learning

Personalized Online Learning

Individual

Online Learning

Small Group

Collaborative

Teacher-led, Small Group Instruction

Collaborative

access equity quality

bundled vs unbundled

less contact

recognition & transferability

- digital certificate
- digital badge
- digital credential
- microcredential