

How does digital technology affect higher education teaching and learning?

How can policies to support the emerging technologies and modalities such as open and online universities be adapted and implemented?

Indonesia Practices

REVOLUSI INDUSTRI 4.0

- Digitalisasi
- Crowd and
- Connectivism

INTERNASIONALISASI

- Kompetisi Global
- Standar Mutu
- Global Village

SDG 4: QUALITY EDUCATION

- Basic Education
- Quality HE
- Reskilling & Upskilling

PANDEMI COVID-19

- Pembelajaran Daring (emergency)
- Less contact
- e-everything

NEW NORMAL

- Pembelajaran Daring
- Fleksibel
- Standar Mutu

Indonesia 2045

Technology and Innovation-based economy

New Jobs

Drone pilots, AR/VR content creators, esports players, data scientists, AI/machine learning coders, and cryptocurrency miners

New Workers

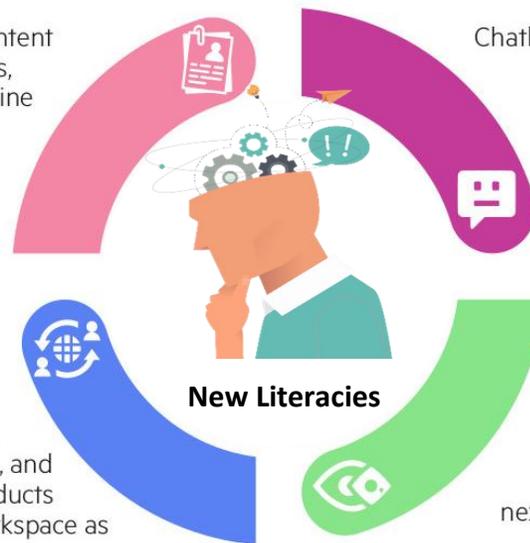
Chatbots, collaborative robots, bots, and freelance experts

New Business and Engagement Models

Gig platforms for talent, algorithm marketplaces, and crowdsourced core products such as Airbnb and workspace as a service

New Technologies

AI, machine learning, AR/VR and the next-generation 5G wireless network



Source: IDC, 2019

Scie-Tech resources development

Increase job market



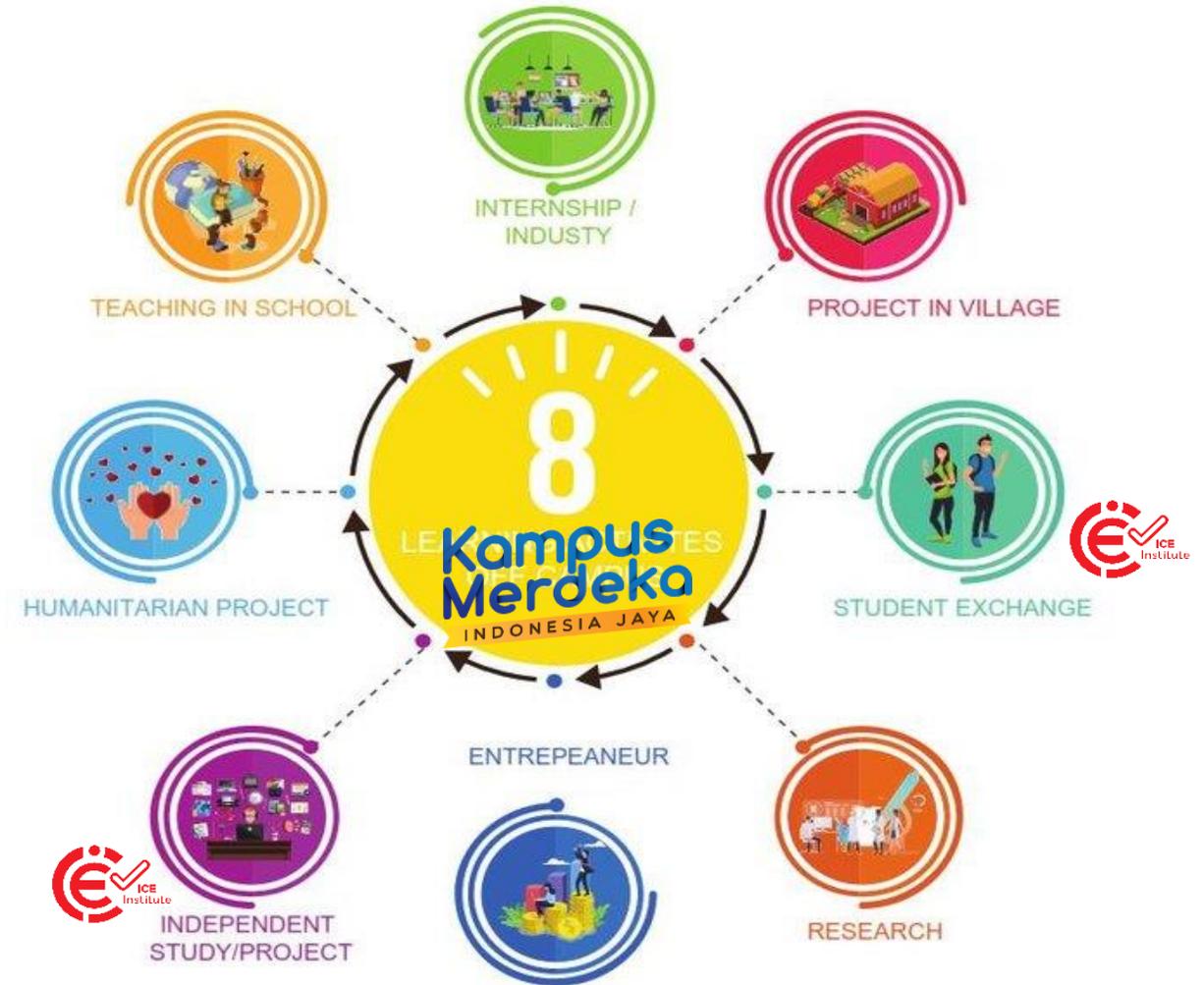
INDONESIA CYBER
EDUCATION INSTITUTE

Merdeka Belajar Untuk Semua

Freedom Learning for All

28th July 2021

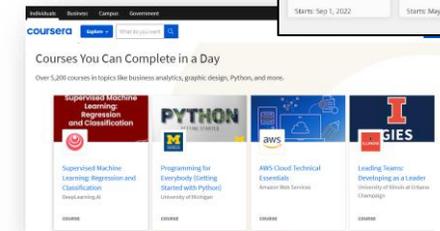
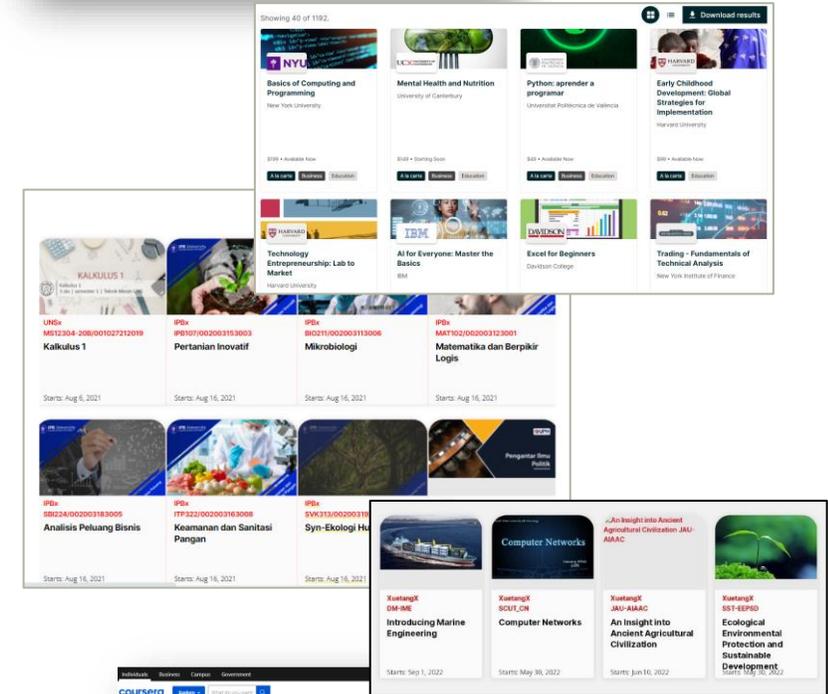
- Policy on MBKM (*Freedom Learning Freedom Campus* or *Emancipated Learning*) and regulations on online and distance education
- Unbundled, shared, certified (quality) courses
- Virtual students' exchanges
 - Digital credentials (blockchain)
 - Flexilearning



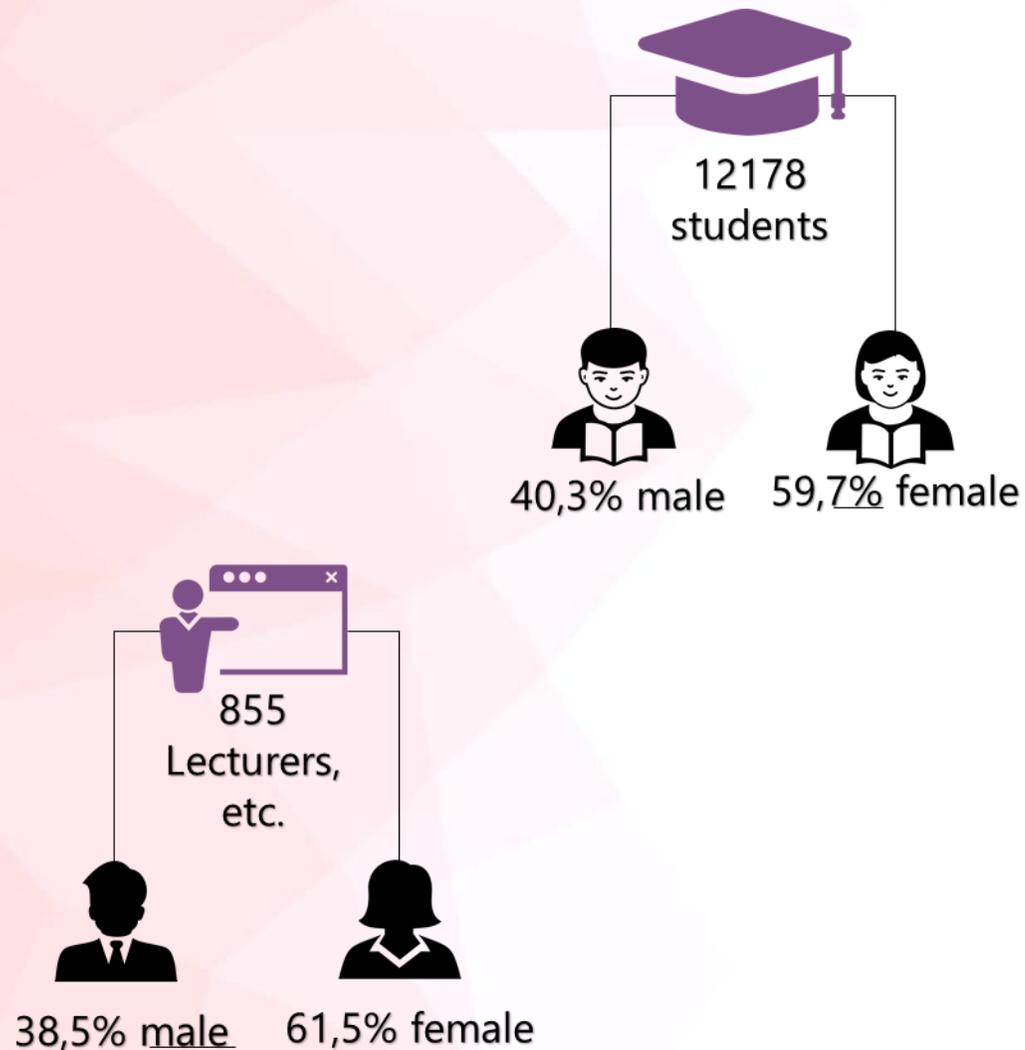


Indonesia Cyber Education Institute

a marketplace of online courses in Indonesia



Participation



*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

Moving forward

Digital technologies can dramatically improve the lives of people and communities Collaboration and partnership of multistakeholder will be the key to connecting millions of people still offline.

Let us work together and increase our efforts to bring education to people in every walk of life.

- Hyflex learning – flexi learning
- Digital credentials
- Unbundled & non degree
- **Quality assurance, standard, measure**

