Objectives and Review of DXHE2022

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Objectives and Scope of DXHE2022

• Objectives
  • To transform higher and recurrent education with digital technologies through collaboration among universities, companies, and professional organizations in Asia-Pacific
  • To build an ecosystem to develop human resources who can contribute to the SDGs and drive innovation.

• Scope
  • Sharing a vision for higher education after COVID-19 pandemic
  • Digital transformation of higher and recurrent education in international and industry-academia collaboration
  • Building a framework for Micro-credentials for international collaboration and mobility
  • Leveraging Digital Technologies in Higher Education
Review of the previous symposium on January 20

• **University–Industry Collaboration** to harness Digital Technology in Higher and Continuing Education (Prof. Khairiyah)
  • Joint course or training development
  • Digital technologies for learning in Higher education

• **Digital Transformation of Higher Education** (Prof. Fukazawa)
  • Data driven education / Learning Analytics
  • Transcending organization, countries, culture, and value.
  • Education / Learning ecosystem and interoperability of system.

• **Cooperative & Work-Integrated Education** (CWIE) (Dr. Sampan)

• **Online Exchange and Micro-credential** in Asia Pacific (Prof. Ashizawa)

• **Role of Professional Organizations, PMI** in Recurrent education and Digital Transformation (Dr. Hayama)
Higher and Recurrent Education Based on Global Industry-Academic Collaboration Using Blended International Mobility

for SDGs, Industry 4.0, Society 5.0, Digital Transformation

• Course Clusters: SDGs, Emerging Technologies, Digital Transformation, AI, Data Science, IoT, Robotics, Management, Conceptual skills, Human skills, Technical skills
• Environment and Methods: Blended Learning, Hybrid Classroom, MOOCs, Global PBL, e-Portfolio, Digital Credential, Open Badges

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Global Blended Learning after COVID-19

In-person and online Blended
Cyber-physical collaboration

In-person Class

Hands-on and Cross-cultural experience, Engagement
Sharing emotions, enjoying collocation

Knowledge acquisition

On-demand Lecture

Global Blended Learning

Anytime, anywhere
Multilingual and automatic translation

Online Class

Collaborative Online International Learning (COIL)

Virtual teams, online international collaborative development and design practices

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Digital Transformation in Higher Education

Global Industry Academia Collaboration
- Blended International Mobility,
- Ecosystem in Asia-pacific region
- COIL
- COOP

Pedagogy
- Blended Learning and Hybrid Classroom
- Learning Analytics
- Self-directed Learning

Inclusive Education
- Learning Outcomes and Deep Engagement
- Life-long Learning and Reskilling
- New Learning Experience

Education System, Regulations and Standards
- Micro-credential, Badges
- MOOCs
- Comprehensive Learner Record

Technology in Education
- Next Generation Digital Learning Environment
- AI and IoT
- VR, AR and Metaverse
- Remote Laboratories
Issues to be Discussed in DXHE2022

• Build New Education Ecosystem in the Asia Pacific region to accelerate digital transformation of higher education
  • Build business models (expansion of educational opportunity)
  • Evaluate the impact of digital transformation on the management of universities

• Promote Industry-academia international collaboration for higher and recurrent education.

• Design Micro-credentials for international mobility and reskilling/upskilling

• Build a Quality assurance framework for Online and Blended Education
Thank you very much.
Enjoy the Symposium.

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