

HIGHER EDUCATION WORKSHOP 2

The Modern Curriculum & Graduate Readiness

Yogyakarta, 28-30 September 2026

Universitas Gadjah Mada (UGM), Yogyakarta, Indonesia



In the spirit of **gotong royong**, Elevate HE works with leaders to **transform universities** into engines of social and economic development to reach the national vision of Golden Indonesia 2045.

Taught over **three days** by leading international and Indonesian experts this program builds insight and practical expertise on how higher education institutions can leverage AI and digitalisation to improve learning quality, strengthen institutional capability, and design future-ready education systems.

Topics & Outcomes

1. Higher Education Reform Drivers

- Global and national reform context
- Graduate readiness and competitiveness

2. Systems Thinking & Gotong Royong

- Universities as dynamic systems
- Shared investment and co-creation

3. CDIO Foundations

- CDIO standards and syllabus
- Outcome-based educational pathways

4. Competency Mapping

- Learning outcomes and integrated curriculum
- Mapping workplace competencies

5. Stakeholder Engagement

- Industry, community, and ecosystem needs
- Environmental and change-driver analysis

6. Institutional Transformation Pathways

- Readiness, barriers, and operational change
 - Long-term faculty development and quality improvement

Expected Outputs

- Systems thinking for higher education transformation
- CDIO standards & outcome-based competency mapping
- Project-Based Learning and real-world problem solving
- Industry and stakeholder engagement
- Institutional readiness and transformation pathways
- International peer-to-peer mentoring
- Collaborative knowledge creation through a book chapter, with participating universities contributing their own chapters and titles, creating a tangible product and lasting outcome beyond the workshop

Experts



Prof. Edward Crawley
Massachusetts Institute of Technology



Prof. Sir Gordon Duff
Oxford University



Prof. Mats Hanson
Royal Institute of Technology KTH
Sweden/Tsinghua SEA



Prof. Hamish Coates
Australian National University



Dr. Suyoto
United In Diversity



Dr. Shobi Lawalata
United In Diversity



Dr. Ita Mariza
Politeknik Gajah Tunggal



**Prof. dr. Gandes Retno R.,
MMedEd, PhD**
Universitas Gadjah Mada
(UGM)



Dr. Dessy Aliandrina
Sociopreneur Indonesia



Dr. Helene Leong
Singapore Polytechnic



Elizabeth Keller, MSc
Royal Institute of Technology KTH
Sweden



Dr. Lim Joo Ghee
Singapore Polytechnic



**Assoc. Prof. Muhammad
Arifin**
Politeknik Negeri Batam

Workshop Details

- **Format:** Hybrid executive workshop
- **Language:** English, Interpretation in Bahasa Indonesia available if required
- **Participants:** Rectors, Vice-Chancellors, Academic Directors, Deans, Senior Researchers, Government Officials, and other university leaders

Contact

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Investment

IDR 15,000,000
per institution
(maximum 3 participants per institution)

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Day 1: Rationale, Systems Thinking, and CDIO Foundations

Focus: Establishing the core transformation narrative, assessing higher education as an integrated system, and introducing outcome-based metrics.

- 08:30–09:00 – Opening Plenary & Program Framing — Dr. Suyoto, UGM Host Faculty
- 09:00–10:10 – Keynote: Higher Education Transformation Frameworks — Prof. Edward Crawley, Dr. Suyoto & Prof. Dr. Gandes
- 10:15–11:20 – The University as a Dynamic System — Prof. Mats Hanson & Prof. Hamish Coates
- 11:20–12:35 – Systems Thinking — Dr. Shobi Lawalata
- 13:35–15:20 – Introduction to CDIO Core Standards: CDIO vs PBL — Dr. Helene Leong, Dr. Lim Joo Ghee & Dr. Ita Mariza
- 15:25–17:10 – Partner University Institutional Presentations & Sub-Chapter Book Setup — Participating University Rectors & Deans, led by Dr. Shobi Lawalata, Dr. Ita Mariza & Dr. Lim Joo Ghee
- 17:10–17:50 – Keynote & Reflection: Higher Education Transformation Frameworks — Prof. Sir Gordon Duff & Prof. Lars Geschwind

Day 2: Institutional Contexts and Competency Mapping

Focus: Evaluating current university capabilities, sharing best practices, and mapping competencies across targeted academic programs.

- 09:00–10:45 – The CDIO Syllabus Deep Dive — Dr. Helene Leong, Assoc. Prof. Muhammad Arifin & Dr. Ita Mariza
- 10:50–12:05 – Target Program Selection Clinic — Prof. Mats Hanson, Dr. Helene Leong, Assoc. Prof. Muhammad Arifin & Prof. Gandes
- 13:05–14:20 – Stakeholder Analysis & Change Drivers — Prof. Mats Hanson & Dr. Dessy Aliandrina
- 14:25–16:25 – Interactive Dialogue: Readiness, Barriers, Competency Mapping & Institutional Transformation Pathways — Dr. Shobi Lawalata, Dr. Ita Mariza, Assoc. Prof. Muhammad Arifin, Dr. Helene Leong, Prof. Gandes & Prof. Mats Hanson
- 16:25–17:10 – Training for Pitch — Prof. Mats Hanson

Day 3: Applied Alignment and Forward Planning

Focus: Solidifying early curriculum frameworks, coordinating peer mentoring schedules, and setting follow-up goals.

- 09:00–11:00 – Applied Working Session: Curriculum Alignment & Pitch Preparation — All Participants and Experts, led by Dr. Helene Leong & Prof. Mats Hanson
- 11:05–12:35 – Formulating the 1-Year Integrated Pathway — Prof. Mats Hanson, Dr. Helene Leong & Dr. Lim Joo Ghee
- 13:35–14:20 – Deployment of the Peer-to-Peer Mentoring Network — Dr. Helene Leong, Dr. Lim Joo Ghee & Elizabeth Keller, MSc
- 14:20–15:05 – Initiating Education Research Practice — Prof. Hamish Coates & Prof. Mats Hanson
- 15:05–15:35 – Dissemination of Results — Prof. Mats Hanson & Dr. Helene Leong
- 15:40–16:55 – Participating University 3-Minute Pitch, Summative Workshop Review & Finalization of Book Sub-Chapters — Prof. Mats Hanson, Dr. Helene Leong & Israruddin, MPP