

BUILDING LEARNING ECOSYSTEM THROUGH TEACHING INNOVATION IN HIGHER EDUCATION

Author: Ms.Sintowati Soetanto
Designation: Chief Educators
Professional Development
Affiliation: Krya Center, Indonesia

Co-author: Mr. Antonius Malem Barus
Designation: Chief Executive Officer
Affiliation: Krya Center, Indonesia

Abstract

The largest economy in Southeast Asia, Indonesia has charted impressive economic growth since overcoming the Asian financial crisis of the late 1990s. Indonesia has successfully built an economic virtuous cycle, bringing Indonesia to one of the global leading economies that is associated with the development of human resources. Indonesia is concerned about the shortage of digital skills resources and need a breakthrough to overcome this problem. Through public policy, The Ministry of Education, Culture, Research and Technology of Indonesia is starting a step to bring digitalisation and innovation by synergizing between Academics, Business, Community, Government and Media as part of the Pentahelix ecosystem. This study aims to recommend the learning process of teaching innovation in higher education by connecting all elements in the Pentahelix ecosystem. The action research will take 2 programs that is implemented and integrated to the certified independent study (SIB-Kampus Merdeka), by Ministry of Education, Culture, Research and Technology in Indonesia; and the International Hackathon program as the platform to bring young generation in higher education to solve the problem with the global environment. This study shows the importance of connecting the ecosystem elements, such as academics, business, community, government and media to accelerate teaching innovation in higher education. Furthermore, this learning process will improve the quality of human resources in the digitalisation and innovation to align with Sustainable Development Goals (SDGs) in the Decent Work and Economic Growth in Indonesia.

Biography



Sintowati Soetanto is the HR Manager of Socio Economic Accelerated Lab (SEAL). She is an education practitioner who has been working in the field of education for over 35 years, especially in the area of school governance, education leadership, curriculum design, values education and human resources development in school setting. She has experiences as a character building teacher, school principal, curriculum research and development manager, human resources manager and director of studies.

Antonius Malem Barus (@antoniusmb) concerns on developing young generation in creativity and innovation. He coaches youth through M!ND* WorKLess and KLess that held in Indonesia, Malaysia and Singapore in learning how to solve a problem with a creative idea, make the real solution and dedicate it to the society. He involves in some international projects that concern on youth development in Indonesia, ASEAN and Asia. He is the Co-Founder and Chief Executive of Krya; Advisory Board of World Creativity and Innovation Week/Day (WCIW/D); a Mentor and Jury for Research, Innovation and Start Up; Learning Experience Designer; Educational Program Creator and Coach. *M!ND : Make the Innovation and Dedicate IT!

