

► **Masterclass series “The SKILLS Bridge”**
Promoting Lifelong Learning (LLL) for the Future of Work

Concept Note

EP 4: Digital transformations in Skills and Lifelong Learning systems: Challenges and enabling factors

25 July 2023: 10:00 – 11:30 CEST



Participants can register via this link:

https://ilo-org.zoom.us/webinar/register/WN_Sa0ZUEFbQySBcbMABDPbkQ

Objectives – Episode 4 (EP4)

EP4 of “The SKILLS Bridge” Masterclasses will discuss the potential and challenges represented by digital transformation for Skills and LLL systems, with a particular focus on the innovative pathways available to strengthen TVET systems and programs in developing countries. Through the presentation of good practices from Singapore and India, the audience will be given key insights in how to harness the potential of digital technologies to enhance the skilling, reskilling, and upskilling of the workforce to meet the increasing dynamism of labour markets and challenges emerging from a variety of global drivers. The key topics the webinar will address are:

- 1. Innovative use of digital technology in Skills and Lifelong Learning systems and programmes**
- 2. Barriers and enablers for benefiting from the innovations in technology**

Audience

Anyone interested in improving skills and lifelong learning systems around the world can join these Masterclasses. There are no fees.

Language

The working language of the webinar will be English.

Tentative Agenda

Time	
10:00 – 10:05	Introduction and moderation By Ashwani Aggarwal, Workgroup Leader (Skills Policy, Systems and Digitalization), ILO Geneva
10:05 – 10:10	Opening remarks Sungsup Ra, Deputy Director General and Deputy Group Chief, Sectors Group, Asian Development Bank
10:10 – 11:00	Digital Technologies for TVET: Sharing ITE's Perspectives and Experiences - Mong Song GOH, Deputy CEO, ITE Singapore <i>Audience Poll 1</i> Digital Transformation in Skills: Enablers for a Data-Driven Skills Ecosystem - Chelvin LOH, Director, Skills Intelligence & Planning Division, SkillsFuture Singapore <i>Audience Poll 2</i> Digital transformations in Skills and LLL: Insights from India M. Jayaprakasan, CEO, Naan Mudhaivan, Tamil Nadu Skills Development Corporation, India <i>Audience Poll 3</i>
11:00 – 11:25	Panel discussion and Q & A session Moderator: Ashwani Aggarwal
11:25 – 11:30	Closing remarks Fabio Nascimbeni - Human Capital Development Expert, Country Liaison for Palestine – European Training Foundation

Technical specifications

The webinar will be conducted via the ILO's Zoom conferencing software.

Coordinator and moderator of Masterclass series

- Ashwani Aggarwal (aggarwal@ilo.org)
Team Leader (Skills Policy, Systems and Digitalization), ILO Geneva

Contact person

- Tommaso Gimelli (gimelli@iloguest.org), ILO Geneva

*The Masterclasses title “**The SKILLS Bridge**” refers to invaluable role of Skills and Lifelong Learning in closing skills gaps, aligning demand and supply, and in uniting private and public sector collaboration.*

Background information on speakers and pannellists



Dr Ashwani Aggarwal is the ILO's Team Leader for work area on Skills Policy, Systems and Digitalization. He holds a PhD degree in Skills Policy, Systems and Institutions and has advised more than 50 countries in Asia and the Pacific, Africa, the Americas and Europe in improving skills and youth employment policy and programmes. Overall, he has 35 years of experience working with the private sector, government and international organizations. He has led many research projects and publications. He is credited with the establishment of innovative skills policy, systems and programs including quality apprenticeships, RPL and centres for excellence in many countries.



Dr Sungsup Ra is Deputy Director General (DDG) / Deputy Group Chief (DGC), Sectors Group at the Asian Development Bank (ADB).

Sungsup Ra supports the Director General / Group Chief in leading ADB-wide collaboration, knowledge-based innovation, and sovereign operations across all sectors. Prior to the position, Sungsup Ra held several key roles within ADB such as the Chief Sector Officer of the Sustainable Development and Climate Change Department, the Director of the South Asia Human and Social Development Division, the Director of Pacific Strategy and Special Operations, Senior Advisor to the

Managing Director General and the Deputy Country Director for Bangladesh and Nepal.

Renowned as a strategic and innovative leader, he has played a vital role in expanding ADB's involvement in the social sector. He introduced new financing modalities, such as results-based lending, for the first time at ADB and broadened ADB's operational scope to address cross-sectoral issues, such as the COVID-19 crisis, food security, youth unemployment, digital transformation, clean energy, urban health, and road safety.

Sungsup Ra holds a Doctorate Degree in Economics from the University of Illinois at Urbana-Champaign, United States. Prior to joining ADB, he gained valuable experience working with public and private entities, including Samsung and the Korean National Pension. He also taught at leading universities such as International Christian University, Korea University, and the University of Illinois at Urbana-Champaign.



Mr Mong Song Goh is currently Deputy CEO at the Institute of Technical Education (ITE) Singapore. Mong Song is responsible for leading workplace and workforce learning initiatives, sustainability, student services, and alumni programmes. He is passionate about developing a new generation of skilled workforce through working closely with the industry on the ITE's Work-Study Diploma, and implementing workplace learning system and programmes. Prior to joining ITE, he worked in the private sector where his experience centred primarily on managing and growing international logistics business in Asian and European markets.



Ms Chelvin Loh is currently the Director of Skills Intelligence and Planning Division in SkillsFuture Singapore (SSG), which is a statutory board under the Ministry of Education.

She leads a team of skills policy officers, data analysts and scientists to chart policies that can support and lead SSG's skills innovation efforts, including the development and transformation of our national skills framework, skills-based credentialing, and skills-based talent attraction & development, and leverage machine learning and AI to power the next phase of our national jobs-skills intelligence engine.

Prior to joining SSG, Chelvin was part of the management team driving SME development, business capabilities and human capital development, and internationalisation efforts in Enterprise Singapore / SPRING Singapore and IE Singapore.



Dr M Jayaprakasan has 28 years of experience in imparting skill-oriented training in various fields, including embedded controllers, computer communications, process instrumentation, industrial automation, and more. He has personally trained over 10,500 trainees and has designed 12 gadgets used in research labs and universities. Dr Jayaprakasan has patents for devices related to milk quality estimation and protein detection. He has published scientific papers and is the Chief Architect of Bharat Skills, a digital knowledge repository for ITI trainees. He has also initiated partnerships with tech giants for digital skill training and served as the Director IT & Exams in DGT. In his current position as CEO of Naan Mudhalvan, a skill enhancement

initiative in Tamil Nadu, he has made industry-relevant skill training mandatory in the curriculum, trained over 1.31 million students, and facilitated placements in collaboration with leading tech partners.



Dr Fabio Nascimbeni works as Human Capital Development Expert at the European Training Foundation (ETF), where he mainly focuses on digitalisation and learning innovation. He is a Senior Fellow of the European Distance and eLearning Network (EDEN) and a Fellow of the CEST centre of the University of Sao Paulo, Brazil, and of the Nexa Centre of the Politecnico di Torino in Italy. Fabio has been active in the field of learning innovation and digital education for 25 years, collaborating with different universities and with international institutions such as the European Commission, the ILO and UNICEF. He has designed and coordinated more than 50 research and

innovation projects across Europe, Latin America and the Caribbean, the South Mediterranean and Southeast Asia. His main research interests are open education, learning innovation, digital literacy, digital inclusion.