



9th International Skills Forum

Reimagining Education and Skills Development for a New Normal

ADB

23 August 2021 • 1–5 p.m. (Manila time)
24–27 August 2021 • 2–6 p.m. (Manila time)

FORUM BACKGROUND

COVID-19 has disrupted education around the world in unprecedented ways. The pandemic is exacerbating inequities and learning crisis that existed prior to the COVID-19 crisis. The global community is calling for urgent actions to ensure learning continuity. Governments have scrambled to put together various measures in response to the crisis. Guidance note has been issued by several organizations on how to respond to the crisis. The pandemic has demonstrated how little everyone was prepared to manage such a crisis. Despite the multiple challenges posed by the pandemic, there is a growing consensus on the need to turn this crisis into an opportunity by rethinking and reimagining education at all levels for a new normal.

With the theme of Reimagining Education and Skills Development for a New Normal, the 9th International Skills Forum will focus on the following three major questions:

- how to scale up learning and equity while building on lessons from new generation adaptive and blended learning technologies?
- how to prepare learners with better employability and 21st century skills?
- how to leverage partnerships to support innovative approaches to building back better for a new normal?

While the focus of the Forum will be on Asia and the Pacific, it will draw on lessons and best practices from around the world. A major cross-cutting theme will be the role of education technologies (EdTech) given the upsurge in demand for blended learning. The Forum will also continue the discussion on how to support education and skills development in preparing individuals, companies, and countries to become more responsive and relevant in an age of massive technological disruptions on skills and jobs.

The **9th International Skills Forum** provides an excellent opportunity for policymakers, practitioners, experts, and partners from ADB's developing member countries (DMCs) and other regions to reimagine a new normal for education and skills development to address the twin challenges of improving learning for all and reducing skills mismatches.

As in the past, the Forum has four objectives:

- to showcase transformational practices in K–12, technical and vocational education and training, and higher education to ensure learning and employability;
- to bring together representatives from government, private sector, and other development partners and stakeholders involved in education and training to share innovative good practices;
- to ensure skills development is guided by evidence; and
- to inspire experts and DMC counterparts, and promote collaboration with key stakeholders to incorporate new approaches to design and implement innovative projects and programs in education and training.



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FORUM SCHEDULE

DAY 1: 23 August 2021 (Monday) – Reimagining Education

12:30 p.m.–1:00 p.m.	Log-in time for participants
1:05 p.m.–1:20 p.m.	Opening Remarks Bambang Susantono , Vice President, Knowledge Management and Sustainable Development, ADB
1:20 p.m.–1:25 p.m.	Forum Objectives and Introduction Brajesh Panth , Chief of Education Sector Group, ADB
1:30 p.m.–1:35 p.m.	Keynote Address on <i>How to Reimagine Education and Skills Development in an Age of Uncertainty and Technological Disruption?</i> H.E. Nadiem Anwar Makarim , Minister of Education of Indonesia
1:35 p.m.–1:45 p.m.	Announcements and Break
1:45 p.m.–3:30 p.m.	Panel Discussion - <i>Future of Education (Power of Convergence)</i> Featuring the Yidan Prize Foundation Council of Luminaries Moderator: Christopher Thomas , Director of Partnership, Yidan Prize Foundation Speaker 1: Patricia Kuhl , Co-Director, University of Washington Institute for Learning & Brain Sciences – <i>Convergence of Brain Science with Education</i> Speaker 2: Carol Dweck , Lewis and Virginia Eaton Professor of Psychology, Stanford University, and Yidan Prize for Education Research Laureate 2017– <i>Convergence of Psychology with Education with Growth Mindset</i> Speaker 3: Anant Agarwal , Founder and CEO, edX, and Yidan Prize for Education Development Laureate 2018 – <i>Convergence of Digital Education from High Resource Context to Scale/Mainstream to Low Resource Context</i> with Amit Goyal , Group Head for Southeast Asia, edX Speaker 4: Erum Mariam , Executive Director, BRAC Institute of Educational Development, BRAC University – <i>Convergence of Research and Evidence with Practice</i> Discussants <ul style="list-style-type: none"> • Sungsup Ra, Director, Human and Social Development Division, South Asia Department, ADB • Ayako Inagaki, Director, Human and Social Development Division, Southeast Asia Department, ADB



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3:50 p.m.– 5:00 p.m.

Cross-sector/Thematic Innovations and Implications for Education Sector

Moderators: ADB Chiefs of Sector and Thematic Groups (STGs)/Assigned Focals

Educating Girls to Create a Green, Resilient, and Equal World

- **Moderator: Samantha Hung**, Chief of Gender Equality Thematic Group, Sustainable Development and Climate Change Department
 - **Andrew Cunningham**, Global Lead for Education, Aga Khan Foundation
 - **Susanne Legena**, CEO, Plan International Australia
 - **Sheeba Harma**, Regional Gender Adviser (Europe and Central Asia), UNICEF
 - **Elisapesi Hepi Havea**, Lecturer, Waikato Institute of Technology

Skilling Asia's Healthcare Workforce

- **Moderator: Wendy Walker**, Chief of the Social Development Thematic Group, ADB
 - **James Buchan**, WHO Collaborating Centre
 - **Nonglak Pagaiya**, Khon Kaen University, Thailand
 - **Eduardo Banzon**, Principal Health Specialist, Southeast Regional Department, ADB

Towards Universal Digital Access in Education: Lessons Learned from the Pandemic and Future Strategies

- **Moderator: Yoonee Jeong**, Senior Digital Technology Specialist, ADB
 - **Samantha O'Riordan**, Program Officer GIGA, the joint ITU and UNICEF initiative
 - **Louis Hyunho Choi**, Executive Officer, TEIN Cooperation Center/ISO
 - **Manisha Dogra**, VP Sustainability Asia, Telenor Group
 - **Yudho Giri Sucahyo**, Professor at Faculty of Computer Science, Universitas Indonesia, Chairman of PANDI

Entrepreneurship in the Future of Agriculture

- **Moderator: Narayan Iyer**, Senior National Resources and Agriculture Specialist.
 - **Young-Tae Kim**, Associate Vice President of Institute for Startup KAIST –*How Governments support SMEs and Startup? How Korean Universities support SMEs and Startup?*
 - **Chutima Waisarayutt**, Associate Dean of Corporate Relationship, Faculty of Agro Industry, Kasetsart University, Thailand
 - **Pankaj Mahalle**, Chief Executive Officer & Co-founder, GramHeet



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DAY 2: 24 August 2021 (Tuesday) – School Education Transformation

1:30 p.m.–2:00 p.m.	Log-in time for participants	
2:00 p.m.–2:40 p.m.	Keynote Address on <i>Reimagining Education through Adaptive Learning: Evidence and Implications on Scaling Up Quality and Equity</i> <ul style="list-style-type: none"> • Karthik Muralidharan, Professor, University of California, San Diego – <i>Evidence-driven EdTech</i> • Gouri Gupta, Project Director of EdTech, Central Square Foundation – <i>Re-imagining Education Using Technology</i> 	
2:45 p.m.–4:00 p.m.	Panel Discussion: <i>Transformational Digital Learning—Insights and Reflections</i> Moderator: Amy Bellinger , Lead of the Education Workforce Initiative, Education Commission Keynote: Ju-ho Lee , Chairperson, Education Commission Asia – <i>High Touch, High Tech (HTHT)</i> Speaker 1: Carmen Strigel , Director of Technology for Education and Training, Research Triangle Institute Speaker 2: Jeffrey Jian Xu , Senior Education Specialist, ADB Speaker 3: Madhav Chavan , Founder and President, Pratham Speaker 4: Akanksha Bapna , Senior Research Fellow, EdTech Hub Discussants <ul style="list-style-type: none"> • Sunhwa Lee, Principal Social Sector Specialist, South Asia Department, ADB • Yumiko Yamakawa, Senior Education Specialist, Southeast Asia Department, ADB 	
4:15 p.m.–4:25 p.m.	Announcements and Break	
4:30 p.m.–5:30 p.m.	Innovation Marketplace: Showcase five innovations in K-12 (external and internal)	
	Parallel Sessions	1. Education Innovations: Lasse Leponiemi , Co-Founder, Executive Director, HundrEd (FIN)
		2. Assistive Technology for Education: Eric Ju Yoon Kim , CEO & Co-Founder of Dot Inc. (RoK)
		3. Responding to COVID-19: Teacher Professional Development: Vignesh Naidu , Director, Operations, The HEAD Foundation and Carmela Oracion , Ateneo Center for Educational Development
		4. Good Practice in STEM education Moderator: Gohar Tadevosyan , Senior Social Development Specialist, East Asia Department, ADB Matti Mäkelä , Head of the Project Management Office and Niina Salonen , Project Coordinator, City of Turku, Finland; Ramanathan Subramaniam , Ph D International STEM consultant John Denny , Project Consultant ADB



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		<p>5. Panel Discussion on Assessment Platforms</p> <p>Moderator: Kevin Corbin, Education Specialist (Skills Development), ADB</p> <p>Speakers:</p> <ul style="list-style-type: none">○ Frank Van Capelle, Education Specialist, UNICEF○ Saule Khamzina, Deputy Chief of Party, RTI Tangerine○ Aikynai Yusupova, RTI Tangerine: Teach in Kyrgyz Republic○ Yuhyun Park, Founder, DQ Institute
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DAY 3: 25 August 2021 (Wednesday) – TVET Transformation

1:30 p.m.–2:00 p.m.	Log-in time for participants	
2:00 p.m.–2:40 p.m.	Keynote Address on Skills Development or Human Transformation? Subroto Bagchi , Chairman, Odisha Skills Development Authority, India	
2:45 p.m.–4:00 p.m.	<p>Panel Discussion: Future of Skills and Jobs in the Context of Technological Disruption</p> <p>Moderator: Jost Wagner, Managing Director & Certified Professional Facilitator The Change Initiative</p> <p>Lightning Talk/Setting the Stage: Shanti Jagannathan, Principal Education Specialist, ADB – <i>ADB IR4.0 Skills Study</i></p> <p>Speaker 1: John Trew, Education Specialist, UNICEF</p> <p>Speaker 2: Ben Ong, Expert, Smart Industry Readiness Index (SIRI), WEF</p> <p>Speaker 3: Ji Jiaying, Lecturer, School of Engineering, Institute of Technical Education, College Central</p> <p>Speaker 4: Borhene Chakroun, Director of the Division for Policies and Lifelong Learning systems, UNESCO</p> <p>Discussants</p> <ul style="list-style-type: none"> Fook Yen Chong, Senior Social Sector Specialist (Skills Development), Southeast Asia Department, ADB Xin Long, Senior Social Sector Specialist, Central and West Asia Department, ADB 	
4:15 p.m.–4:25 p.m.	Announcements and Break	
4:30 p.m.–6:00 p.m.	<p>Innovation Marketplace: Showcase five innovations in TVET (possible topics: digital credentialing, Big Data & AI in job matching)</p>	
	Parallel Sessions	<p>1. Digital Credentials via blockchain: Tim Miller, Founder, Certif-ID</p>
		<p>2. Next Generation Education in TVET Context:</p> <p>Moderator: Lisa-Marie Kreibich, Social Sector Specialist, South Asia Department, ADB</p> <p>Mika Luimula, Research Group Leader (Turku University of Applied Sciences), Ossi Tuusvuori, Senior Advisor, Lingsoft, Teemu Lähde, Development Manager, TTS Development, and Maarit Pihl, COO, Kiwa Inspecta/ADE</p>
		<p>3. TWO PRESENTATIONS:</p> <p>IR4.0 Skills Training - Competence Centre for Digitalization, Technology and Innovation: 4:30 p.m.–5:15 p.m. Markus Waechter, CEO, TUM Asia and Volker Schmid, FESTO</p> <p>Apprenticeships and Technology: The Digital Version of Structured On-the-Job Training: 5:15 p.m.–6:00 p.m.</p>



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		<p>Ronald Jacobs, University of Illinois and Dawn Snyder, Snyder & Associates</p> <p>4. TWO PRESENTATIONS:</p> <p>TVET-based Start-up Ideation, Incubation and Entrepreneurship: Institutionally or Nationally? <i>4:30 p.m.–5:15 p.m.</i> Samuel Ang, Chairperson, Pollinate (SG)</p> <p>Good Practice in Start-Up Incubation <i>5:15 p.m.–6:00 p.m.</i> Kajal Sanghrajka, Director of Growth Hub Global, London</p> <p>5. PANEL: TVET Embracing Digital Learning Moderator: Steven McKee, President Emeritus, Worlddidac and President of Labtech International</p> <p>Speakers:</p> <ul style="list-style-type: none"> ○ Danny Gauch, Director General, Worlddidac ○ Nader Imani, President, Worlddidac ○ Anshul Sonak, Principal Engineer & Senior Director-Global Digital Readiness Programs, Intel ○ Ethel Agnes Pascua-Valenzuela, Director General, SEAMEO ○ Ramhari Lamichhane, Director General, Colombo Plan Staff College ○ Dorothee Anne Schmid, IIW-Chair WG RA, Lincoln Electric ○ Reinhard Pittschellis, Head of Product Unit, FESTO
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DAY 4: 26 August 2021 (Thursday) – Higher Education Transformation

1:30 p.m.–2:00 p.m.	Log-in time for participants	
2:00 p.m.–2:30 p.m.	Keynote Address on <i>Future of Higher Education and Digital Transformation</i> Malabika Sarkar , Vice Chancellor of Ashoka University	
2:30 p.m.–4:00 p.m.	<p>Panel Discussion: <i>Future of Higher Education and Digital Transformation—Impact of MOOCs</i> (ADB staff and external experts) Presentation: MOOCs Moderator: Susann Roth, Chief of Knowledge Advisory Services Center, ADB Speaker 1: Ha Wei, Associate Professor (with Tenure) and Associate Dean, Peking University – <i>R&D and industry linkages</i> Speaker 2: Yunmook Nah, President, Association of Software Centered Universities, RoK Speaker 3: Paulina Pannen, Chairman, Indonesia Cyber Education Institute - <i>Indonesia Cyber Education to Prepare for IR4.0</i> Speaker 4: Pham Hong Quat, National Agency for Technology Entrepreneurship and Commercialization (NATEC) - <i>Future of Innovation and Science and Technology Development – Viet Nam Model</i></p> <p>Discussants</p> <ul style="list-style-type: none"> Ryotaro Hayashi, Social Sector Economist, South Asia Department, ADB Meekyung Shin, Education Specialist, Sustainable Development and Climate Change Department, ADB 	
4:15 p.m.–4:25 p.m.	Announcements and Break	
4:30 p.m.–5:30 p.m.	Parallel Sessions	Innovation Marketplace: Showcase five innovations in the use of technology in transforming higher education
		1. Innovating Higher Education for Sustainable Food Production: Peter van Tujil and Anastashia Rosye , NUFFIC
		2. Capacity and Curriculum Development in Higher Education: James Harland , Director STEM Digital Innovation Centre RMIT University
		3. TWO PRESENTATIONS: R&D/Innovation 4:30 p.m.–5:30 p.m. Jayson Koh , Stanislav Borisov , and Rithika Susan Thomas , EcoLabs Centre of Innovation for Energy 5:00 p.m.–5:30 p.m. Pham Van Quan , Rector, Hue Industrial College
		4. Medical School Innovation for the Response to Infectious Diseases Like COVID-19: Sungmin Kim , Professor, Division of Infectious Diseases, Chungnam National University



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		<p>5. PANEL: ADB Higher Education projects in South and Southeast Asia</p> <p>Moderator: Eisuke Tajima, Principal Education Specialist, Central and West Asia Department, ADB</p> <p>Speakers:</p> <ul style="list-style-type: none">○ Sampath Amaratunge, Chairman of the University Grants Commission, Sri Lanka○ Paulina Pannen, Chairman, Indonesia Cyber Education (ICE) Institute○ Gi Soon Song, Principal Social Sector Specialist, South Asia Department, ADB○ Fook Yen Chong, Senior Social Sector Specialist (Skills Development), Southeast Asia Department, ADB
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DAY 5: 27 August 2021 (Friday) – Teacher Professional Development and Teacher Education

1:30 p.m.–2:00 p.m.	Log-in time for participants	
2:05 p.m.–3:20 p.m.	<p>Panel Discussion: Teacher Quality and Teacher Professional Development Moderator: Mitzi Borromeo, Director and Executive Producer, MIND S-COOL TV</p> <p>Speaker 1: Margarete Sachs-Israel, Chief, Inclusive Quality Education, UNESCO Bangkok</p> <p>Speaker 2: Riia Palmqvist, Counsellor of Education, Finnish National Agency for Education (EDUFI)</p> <p>Speaker 3: Woonghwan An, Director of the Division for University Affairs and Education Policy, Ministry of Education of RoK - <i>Supporting Teaching Capacity for University Staff</i></p> <p>Speaker 4: Dato Ts. Dr. Mohammad Naim Bin Yaakub, Deputy Director of the Malaysian Research, Institute for Vocational Education and Training</p> <p>Discussants</p> <ul style="list-style-type: none"> • Sameer Khatiwada, Social Sector Specialist (ICT), Southeast Asia Department, ADB • Asako Maruyama, Senior Education Specialist, South Asia Department, ADB 	
3:30 p.m.–4:50 p.m.	Regional Meetings: Key Priorities and Strategies for a New Normal (Feedback on demand for ADB support—Education Sector Group Framework)	
	Parallel Sessions	<ol style="list-style-type: none"> 1. Southeast Asia (Closed meeting by invitation only) 2. South Asia (Closed meeting by invitation only) 3. East Asia and Pacific Region (Closed meeting by invitation only) 4. Central West (Closed meeting by invitation only)
		<p>5. PANEL: Reimagining Teacher Professional Development for Scalable, Sustainable and Equitable Outcomes - Using EdTech Research Evidence</p> <p>Moderator: Jukka Tulivuori, Social Sector Specialist, ADB</p> <p>Presentation: Sara Hennessy, Research Director, EdTech Hub and Reader in Teacher Development and Pedagogical Innovation, University of Cambridge and Saalim Koomar, Researcher, EdTech Hub and Jigsaw Consult - <i>Global and Regional Insights from Research into Technology for TPD</i></p> <p>Freda Wolfenden, Professor of Education and International Development, The Open University - <i>Designing Teacher Capacity Strengthening @Scale for Equity in Education</i></p>



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		Juliana , Head of Development & Program, Putera Sampoerna Foundation - <i>TPD@Scale in Indonesia: A Case Study of Teacher Learning Centres</i>
4:50 p.m.–5:00 p.m.	Announcements and Break	
5:00 p.m.–5:10 p.m.	Plenary on Reflections and Feedback on the 9th Skills Forum Poll/Feedback	
5:15 p.m.–5:25 p.m.	Closing Keynote Vicky Colbert Founder and Director, Fundacion Escuela Nueva (FEN) and Yidan Prize for Education Development Laureate 2017	
5:25 p.m. –5:35 p.m.	Lightning Talk: New generation thinking Clarissa Delgado , CEO Teach for the Philippines (TFP)	
5:35 p.m.–5:45 p.m.	Closing Remarks Ahmed M. Saeed , Vice-President, Operations 2, ADB	

[Link to Previous International Skills Forums](#)