



วิทยาลัยสารพัดช่างลำปาง

รับที่..... 1699

วันที่..... 24 กรกฎาคม 2568

เวลา..... 14.30 น.

ที่ ศธ 0604/12049

สำนักงานคณะกรรมการการอาชีวศึกษา  
กระทรวงศึกษาธิการ กทม. 10300

24 กรกฎาคม 2568

เรื่อง การประชุม The Global Forum on Digital Transformation in TVET (Shenzhen) 2025

เรียน ผู้อำนวยการสถานศึกษาในสังกัดสำนักงานคณะกรรมการการอาชีวศึกษา

สิ่งที่ส่งมาด้วย รายละเอียดการประชุมฯ จำนวน 1 ฉบับ

ด้วย UNESCO UNEVOC ร่วมกับ Shenzhen Polytechnic University สาธารณรัฐประชาชนจีน จะจัดการประชุม The Global Forum on Digital Transformation in TVET (Shenzhen) 2025 ระหว่างวันที่ 11 - 12 พฤศจิกายน 2568 และการประชุมเชิงปฏิบัติการ ในหัวข้อ “TVET Leadership Workshop on Digital Transformation 2025” ระหว่างวันที่ 13 - 14 พฤศจิกายน 2568 ณ เมืองเซินเจิ้น สาธารณรัฐประชาชนจีน โดยมีวัตถุประสงค์เพื่อส่งเสริมการแลกเปลี่ยนความคิดเห็นระหว่างผู้มีส่วนเกี่ยวข้องในระบบอาชีวศึกษา การแลกเปลี่ยนองค์ความรู้ และการสร้างเครือข่ายของการปฏิบัติในการสร้างความเข้มแข็งในการเปลี่ยนผ่านสู่ดิจิทัลของอาชีวศึกษาอย่างครอบคลุมและยั่งยืน ซึ่งจะมีการอภิปรายเกี่ยวกับแนวโน้มระดับโลกและกรอบนโยบายที่เป็นแนวทางสำหรับการเปลี่ยนผ่านทางดิจิทัลของอาชีวศึกษา การระบุสมรรถนะและทักษะใหม่ที่เกิดขึ้น การบูรณาการวิธีการเรียนการสอนที่ขับเคลื่อนด้วยดิจิทัลและปัญญาประดิษฐ์ ตลอดจนการเสริมสร้างความร่วมมือระหว่างภาคการศึกษา กับภาคอุตสาหกรรมเพื่อเพิ่มโอกาสในการจ้างงานและความสามารถในการปรับตัวในเศรษฐกิจดิจิทัล โดยผู้จัดสนับสนุนค่าบัตรโดยสารเครื่องบิน ไป - กลับ ระหว่างประเทศ (ชั้นประหยัด) ค่าที่พัก ค่าเดินทางในต่างประเทศ และค่าอาหาร

สำนักงานคณะกรรมการการอาชีวศึกษาจึงขอประชาสัมพันธ์การประชุม The Global Forum on Digital Transformation in TVET (Shenzhen) 2025 ให้สถานศึกษาในสังกัดทราบ โดยผู้จัดจะเป็นผู้พิจารณาผู้ที่ได้รับการคัดเลือก ผู้สนใจสามารถลงทะเบียนผ่านระบบออนไลน์ที่ <https://forms.cloud.microsoft/r/A1jF9jrShT> ภายในวันที่ 24 สิงหาคม 2568

เรียน ผู้อำนวยการ จึ่งเรียนมาเพื่อทราบ และดำเนินการในส่วนที่เกี่ยวข้องต่อไป

ด้วย สอศ. แจ้งประชาสัมพันธ์การประชุม The Global Forum on Digital Transformation in TVET

ขอแสดงความนับถือ

มาเพื่อ

/ เพื่อโปรดทราบ

เพื่อโปรดพิจารณา

/ เห็นควรแจ้ง/

รองฯ 4 ฝ่าย , ครุฑท่น

นางสาวอัญชลี ธรรมศรีใจ  
หัวหน้างานบริหารงานทั่วไป

24 ก.ค. 68

(นายวิวัฒน์ ปัญจมะวัต)

รองเลขาธิการคณะกรรมการการอาชีวศึกษา ปฏิบัติราชการแทน

เลขาธิการคณะกรรมการการอาชีวศึกษา

เรียน ผู้อำนวยการ

☐ เพื่อโปรดทราบ

☐ เพื่อโปรดพิจารณา

☐ เห็นควรแจ้ง

☐ เห็นควรมอบ

☐ ทราบ.....

☐ แจ้ง.....

☐ มอบ.....

สำนักนโยบายและแผนการอาชีวศึกษา

โทร. 0 2026 5555 ต่อ 3012

โทรสาร 0 2280 1252

(นายสมพงษ์ นันตะภาพ)  
รองผู้อำนวยการวิทยาลัยสารพัดช่างลำปาง

(นายวิฑูรี ลีจินดา)  
ผู้อำนวยการวิทยาลัยสารพัดช่างลำปาง

24 ก.ค 68

## The Global Forum on Digital Transformation in TVET (Shenzhen) 2025

11–12 November 2025    Shenzhen, China

### Concept Note

#### 1. Background

The global landscape of work and learning continues to undergo profound transformation. Advancing digital technologies, including recent breakthroughs in artificial intelligence, have significantly contributed to this evolution. Across industry sectors, occupations and skills requirements are rapidly changing—routine tasks become automated while complex technical capabilities combined with uniquely human skills grow more valuable. This dynamic environment demands education and training systems that prepare learners for a digital future requiring adaptability, lifelong learning, and effective human-machine collaboration.

Technical and vocational education and training (TVET) systems, serving as essential bridges between education and employment, are at the forefront of this transformation. The UNESCO Strategy for TVET (2022–2029) envisions TVET as a more proactive player in supporting individuals, economies, and societies through multiple transitions, particularly digital and green transitions, by developing skills relevant to current and future labour market needs. To achieve this, TVET institutions must now accelerate their own digital transformation through several key actions: modernizing digital infrastructure, developing competencies for teachers and students, integrating digital tools and approaches into curricula and pedagogies, and leveraging digital platforms for stronger collaboration with industry partners and other stakeholders. This comprehensive digital transformation presents unprecedented opportunities to reimagine TVET and its roles in an increasingly technology-driven future.

The Global Forum on Digital Transformation in TVET (Shenzhen) 2025 is being convened in response to the growing need for coordinated global action to advance digital transformation in TVET systems. Under the theme “**Accelerating TVET Transformation with Emerging Tech for an Inclusive and Intelligent Future**”, the forum will highlight recent advancements in artificial intelligence, immersive technologies, digital platforms, and other transformative



innovations reshaping skills development worldwide. It specifically explores strategies for addressing challenges and maximizing opportunities faced by TVET institutions in developing countries during their digital transformation journeys. Sessions will examine global trends and policy frameworks guiding TVET digital transformation, identify emerging competencies and skills, integrate digital and AI-driven methods into teaching and learning, and enhance education-industry collaborations that improve employability and adaptability in the digital economy. The forum aims to foster dialogues among TVET stakeholders, facilitate knowledge exchange, and establish networks of practice to strengthen the digital transformation of TVET for inclusive and sustainable futures.

## 2. Objectives

The Global Forum on Digital Transformation in TVET (Shenzhen) 2025 aims to:

- Convene global TVET stakeholders including policymakers, educators, industry partners, technology providers, and international organizations to share knowledge and experiences on digital transformation.
- Facilitate expert presentations and discussions on developing digital competencies, innovative pedagogical approaches, and strategies for addressing evolving labour market demands.
- Showcase and analyze contextualized practices and evidence-based approaches for integrating digital technologies across TVET teaching, learning, and institutional management.
- Discuss practical solutions and offer policy recommendations for overcoming digital transformation challenges faced by TVET systems, particularly in developing countries.

## 3. Expected Outcomes

- **Forum Synthesis Report:** A comprehensive summary of the forum's key discussions, insights, recommendations, and lessons learned, serving as a reference for global stakeholders in TVET digital transformation.
- **Research and Open Educational Resources:** Publication of a compilation of research, good practices, open online courses, and curriculum syllabuses in the area of digital transformation in TVET by the UNESCO Chair on Digitalization in TVET.
- **Strengthened Global Network:** Establishment of sustained connections and collaborative relationships among international TVET stakeholders, enabling ongoing dialogue, peer learning exchanges, and strategic partnerships that advance digital transformation efforts beyond the forum.

## 4. Organizers

### Organizer and Host:

- UNESCO Chair on Digitalization in TVET, Shenzhen Polytechnic University, China

### Co-organizers:

- UNESCO-UNEVOC International Centre for TVET
- UNESCO Regional Office for East Asia
- UNESCO Regional Office for Southern Africa
- The International Centre for Higher Education Innovation under the auspices of UNESCO (UNESCO-ICHEI)
- International Centre for UNESCO ASPnet (ICUA)
- The UNESCO International Research and Training Centre for Rural Education (UNESCO INRULED)

### Supporting Partner:

- Huawei Technologies Co., Ltd.

## 5. Participants

The forum anticipates approximately 100 participants from various countries, including:

- Government officials and policymakers responsible for TVET and skills development
- Leaders, senior administrators, and teachers/trainers from TVET and higher technical education institutions
- Education technology innovators, industry partners, and private sector representatives
- Researchers and experts in TVET and higher education with a focus on digital transformation
- Representatives from international organizations and NGOs engaged in TVET and skills development

## 6. Dates and Venue

**Dates:** 11–12 November 2025; Arrival on 10 November.

**Venue:** Shenzhen Polytechnic University (Xili Campus)

No. 7098 Liuxian Blvd., Nanshan District, Shenzhen, Guangdong, China

## 7. Language and Format

The languages of the forum will be English and Chinese, with simultaneous interpretation provided throughout the event. The forum will be held in person at Shenzhen Polytechnic



University. Video recordings of the event will be made available online after the forum.

## 8. Sponsorship

The UNESCO Chair on Digitalization in TVET at Shenzhen Polytechnic University will provide partial or full sponsorship for invited speakers and presenters. The sponsorship includes round-trip economy class airfare, local accommodation, and meals during the event. Participants under sponsorship are required to bear the costs of visa application, travel insurance, local transportation, and any other personal expenses.

Participants not receiving sponsorship are expected to fund their own travel and accommodation. There is no registration fee for attending the forum.

## 9. Provisional Agenda

<b>Monday, 10 November 2025</b>	
<b>Tongde Building, Shenzhen Polytechnic University</b>	
All day	Arrival and registration
<b>Tuesday, 11 November 2025</b>	
<b>Conference Room 1, Tongde Building, Shenzhen Polytechnic University</b>	
9:00–9:25	Opening addresses
9:25–9:30	Release of knowledge products from the UNESCO Chair on Digitalization in TVET
9:30–9:40	MoU signing ceremony
9:40–9:45	Group photo
9:45–10:30	<b>Keynote Session:</b> Global Trends and Perspectives on AI-Driven Digital Transformation and Its Impact on TVET
10:30–10:50	Tea break
10:50–12:00	<b>Session 1:</b> Developing New Qualifications and Competencies for TVET in the Age of AI (UNESCO-UNEVOC special session)
12:00–14:00	Lunch
14:00–14:50	<b>Session 2:</b> Innovative Approaches to AI Integration in TVET Teaching and Learning
14:50–15:40	<b>Session 3:</b> Industry-Education Integration for Skills Development in the Intelligent Economy
15:40–16:00	Tea break
16:00–17:00	<b>Session 4:</b> Strengthening Global Collaboration for Equitable, Inclusive and Intelligent TVET Systems

Wednesday, 12 November 2025	
9:30–11:30	Exploratory visit to a top tech enterprise and networking
11:40–13:00	Lunch
13:00–16:00	Visit to the digital training facilities at Shenzhen Polytechnic University

## TVET Leadership Workshop on Digital Transformation 2025

13–14 November 2025, Shenzhen, China

### Concept Note

#### 1. Background

Digital transformation has become increasingly vital as emerging technologies reshape industries and workplaces worldwide. Innovations in artificial intelligence, cloud computing, the Internet of Things, blockchain, extended reality, and advanced analytics are creating new economic opportunities while also redefining occupational profiles and competency requirements across sectors. This profound shift presents significant challenges and opportunities for educational institutions, particularly for technical and vocational education and training (TVET), which must respond effectively to prepare learners for the rapidly evolving world of work.

TVET institutions serve as critical enablers in equipping youth and adults with the competencies essential for employment, decent work, and entrepreneurship in the digital era. Successful implementation of digital transformation requires forward-thinking leadership capable of integrating technological advancements into comprehensive institutional frameworks. TVET leaders must develop proficiency not only in understanding emerging technologies but also in strategic planning, sustainable resource allocation, and inclusive change management to effectively integrate digital innovation throughout their institutional ecosystems.

The UNESCO Strategy for TVET (2022–2029) explicitly identifies digital skills development and digital transition as fundamental components for achieving the Education 2030 Agenda. However, the persistent digital divide remains a significant global challenge—with emerging evidence indicating this disparity may be widening as technological advancement accelerates. TVET leaders in developing countries encounter distinct challenges in advancing digitalization initiatives, including resource constraints for technological infrastructure development, limited opportunities for digital skills training for teaching staff, and difficulties in establishing



sustainable partnerships with industry stakeholders in rapidly evolving digital sectors.

In response to these leadership imperatives, the UNESCO Chair on Digitalization in TVET at Shenzhen Polytechnic University has established the **TVET Leadership Workshop on Digital Transformation** as an annual capacity-building programme since 2023. This workshop aims to strengthen the capabilities of TVET leaders by providing them with the relevant knowledge, skills, and strategies for driving effective digital transformation in their institutions. The workshop in 2025 encompasses modules on the Self-Reflection Tool (SRT) for institutional digital readiness assessment, development of AI competency frameworks for TVET, digital applications for skills training in intelligent manufacturing and new energy vehicle programmes, and collaborative learning activities. The modules will help TVET leaders develop strategies that enable their institutions to navigate technological advances and meet workforce demands. The workshop contributes to South-South cooperation and innovation that helps bridge the digital divide and strengthens the resilience and relevance of global TVET systems.

## 2. Objectives

The TVET Leadership Workshop on Digital Transformation 2025 aims to:

- Build leadership capacity for TVET leaders to implement digital transformation strategies in their institutions
- Provide practical frameworks and tools for assessing institutional readiness for digital transformation
- Showcase innovative approaches to delivering emerging digital technology programmes and integrating AI applications in TVET
- Support participants in developing contextually relevant digital transformation strategies for their institutions

## 3. Expected Outcomes

By the end of the workshop, participants are expected to:

- Gain practical insights on integrating emerging technologies and their applications in TVET programmes
- Apply the Self-Reflection Tool (SRT) to assess their institution's digital readiness and identify priority areas for development
- Develop preliminary action plans for implementing specific digital transformation initiatives in their institutions
- Identify potential partnerships and collaborative opportunities with industry and TVET



institutions across the region

#### 4. Organizers

##### **Organizer and Host:**

- UNESCO Chair on Digitalization in TVET, Shenzhen Polytechnic University, China

##### **Co-organizer:**

- UNESCO-UNEVOC International Centre for TVET
- UNESCO Regional Office for East Asia
- UNESCO Regional Office for Southern Africa

#### 5. Participants

Target participants of the TVET Leadership Workshop on Digital Transformation 2025 include:

- Senior leaders, administrators, and programme directors from TVET and higher technical education institutions in developing countries
- Mid-to-senior-level officers from national or regional TVET authorities in developing countries

#### 6. Dates and Venue

**Dates:** 13–14 November 2025

**Venue:** Shenzhen Polytechnic University (Xili Campus)  
No. 7098 Liuxian Blvd., Nanshan District, Shenzhen, Guangdong, China

#### 7. Language and Format

The languages of the workshop will be English and Chinese, with simultaneous interpretation provided throughout the event. The workshop will be held in person at Shenzhen Polytechnic University.

#### 8. Fees and Sponsorship

The UNESCO Chair on Digitalization in TVET at Shenzhen Polytechnic University will sponsor the participation of 30 successful applicants. The sponsorship will cover round-trip economy class international airfare, local accommodation, and meals during the event. Participants are required to bear the costs of visa application, travel insurance, local transportation, and any other personal expenses.

## 9. Provisional Agenda

Thursday, 13 November 2025		
Shenzhen Polytechnic University		
Time	Session	Venue
9:00–9:20	Introduction to the workshop	Conference Room 1, Tongde Building
9:20–10:40	<b>Module 1:</b> Frontiers of EdTech Applications in TVET	
10:40–12:00	<b>Module 2:</b> Assessing Institutional Readiness and Capacity for Digital Transformation with the Self-Reflection Tool (SRT)	Multimedia classroom, Deye Building
12:00–14:00	Lunch	
14:00–16:00	<b>Module 3:</b> Developing Guidelines for Integrating AI in TVET	Conference Room 1, Tongde Building
16:00–16:30	Tea break and open discussion	
Friday, 14 November 2025		
Shenzhen Polytechnic University		
Time	Session	Venue
9:00–10:30	<b>Module 4:</b> Intelligent Manufacturing: Integration of Next-Generation Technologies in Teaching and Training	Virtual Simulation Centre for Intelligent Manufacturing, School of Mechanical and Electrical Engineering
10:30–12:00	<b>Module 5:</b> New Energy Vehicle Technologies: Transforming Automotive Programmes for Future Mobility	BYD Institute of Applied Technology, School of Automotive and Transportation Engineering
12:00–13:00	Lunch	
13:00–15:00	<b>Module 6:</b> Leadership in Action: Sharing of Innovative Practices in TVET Digital Transformation	Conference Room 1, Tongde Building
15:00–15:15	Tea break and feedback collection	
15:15–16:00	Closing ceremony and presentation of participation certificates	