

UNEVOC Network Spotlight

Issue #7: October 2024 - December 2024



Here is a round-up of the latest engagements in Technical and Vocational Education and Training (TVET) undertaken by UNESCO-UNEVOC and UNEVOC Centres from October 2024 to December 2024.

UNESCO-UNEVOC in Bonn, Germany



BILT Learning Lab on 'VR in Vocational Education and Training: the Promises and Pitfalls'

On 20 November 2024, UNESCO-UNEVOC's Bridging Innovation and Learning in TVET (BILT) project organized a Learning Lab with a thematic focus on the implementation of virtual reality (VR) in Vocational Education and Training programmes. BILT Learning Labs are an opportunity for TVET stakeholders to explore specific innovation and learning practices from Africa, Asia and the Pacific and Europe.

The event featured innovative practices from the perspectives of both TVET providers and industry. It was moderated by Jessica Rosenfeld, Federal Institute for Vocational Education and Training (BIBB-UNEVOC Centre in Germany). Denny Philipp, Metalwork Master and Trainer, Chamber of Crafts (HwK Koblenz-UNEVOC Centre in Germany), shared insights on VR training applications for welding students, as well as the benefits and drawbacks of VR in TVET delivery. He demonstrated how to use a welding simulator to teach trainees welding techniques in a sustainable and environmentally friendly manner.

More information is available [here](#).

EdUHK visits UNESCO-UNEVOC

UNESCO-UNEVOC welcomed Margarita Pavlova, Head of the Education University of Hong Kong (EdUHK-UNEVOC Centre in China), from 29 to 31 October 2024. The three-day visit focused on exchanges with the UNESCO-UNEVOC team to understand the impact of collaborations, particularly in leadership training programmes and greening TVET initiatives, further strengthening its partnerships as a UNEVOC Centre.

UNESCO-UNEVOC in the field



MAHE Process TVET Workshop

Nairobi, Kenya

The MAHE Process workshop was organized from 3 to 5 December 2024 in Nairobi, Kenya, to evaluate the progress and strategize the future of TVET under the MAHE Process. Titled 'Regional Workshop on MAHE Process to Strengthen TVET in Eastern Africa,' representatives from 13 countries, including TVET experts, managers and leaders, gathered to identify key challenges and brainstorm action plans for a more effective TVET system. The MAHE Process was launched in 2016 in the Seychelles by UNESCO's Regional Office for Eastern Africa to enhance information exchange and regional cooperation for improving TVET.

Hervé Huot-Marchand, Chief of the Section for Youth, Literacy and Skills Development at UNESCO, highlighted UNESCO's approaches and work on TVET from global and Eastern Africa perspectives. Olivier Pieume, Chief of the Technical Cooperation Unit and Team Leader for the UNEVOC Network Secretariat at UNESCO-UNEVOC, led different technical sessions including 'Identification of bottlenecks, emerging issues and trends' and 'Drafting new MAHE TVET Roadmap'.



The event provided a platform to address key challenges and chart a course for advancing TVET systems across the region. On the second day, technical experts collaborated to draft a comprehensive action plan for the next phase of the MAHE Process. Findings from a recent MAHE survey conducted in November 2024 were also reviewed. The workshop concluded with agreement on four key recommendations to guide the region's efforts over the next two years.

Several UNEVOC Centres are part of the MAHE Process, including Seychelles Institute of Technology (SIT-UNEVOC Centre in Seychelles), Mauritius Institute of Training and Development (MITD-UNEVOC Centre in Mauritius), Ministry of Education / Directorate of Technical and Vocational Education and Training (DTVET-UNEVOC Centre in Kenya), Technical and Vocational Education and Training Authority (TVETA-UNEVOC Centre in Kenya) and Ministry of Education and Sports / Department of Business, Technical, Vocational Education and Training (BTJET-UNEVOC Centre in Uganda).

More information is available [here](#).



Workshop on TVET Innovation Framework in Costa Rica

San José, Costa Rica

On 23-24 October 2024, UNESCO-UNEVOC organized a two-day workshop on its flagship TVET Innovation Framework for the stakeholders of the National Institute of Apprenticeship (INA-UNEVOC Centre) in Costa Rica. The workshop was held within the context of INA's Seminar-Workshop on 'New Jobs and Emerging Technologies' and was organized by Dionisio Parise and Sanskruti Ghosalkar, Technical Cooperation Unit, UNESCO-UNEVOC.



The workshops were participatory and experiential in nature and highlighted the importance of aligning institutions with labour market demands and technological trends. The proposals emerging from the self-assessment exercises during the workshop placed an emphasis on the need to streamline curriculum acquisition and management processes, increase engagement with the productive sector, promote the use of technology to enhance training and establish a constructive dialogue among INA's different stakeholder groups.

During the event, UNESCO-UNEVOC organized a UNEVOC Network meeting with INA representatives, namely Fernando Rodríguez Araya, UNEVOC Centre Coordinator and Leyner Mendez Gutierrez, External Cooperation Advisor to identify various cooperation opportunities between the two organizations.

Additionally, a joint meeting was held with UNESCO San Jose, UNESCO-UNEVOC and INA to review ongoing programmes and initiatives, identify potential collaboration areas and reinforce UNESCO's collective TVET efforts in the country. Representing UNESCO San Jose, the regional multisectoral office for Colombia, Costa Rica, El Salvador, Honduras, Nicaragua and Panama were Romina Kasman, Education Sector Manager, Ricardo Brenes, National Professional Officer and Julia Strack Diaz, Carlo-Schmidt Trainee.

Representatives from the Pontifical Catholic University of Ecuador Technical and Technological Academic Unit (PUCE TEC-UNEVOC Centre in Ecuador) and the National Training Service of Industrial Work (SENATI-UNEVOC Centre in Peru) also contributed to the dynamic discussions and exchanges during the event.

The UNEVOC Network and other UNESCO Networks

UNESCO has created networks to mobilize the global community, school leaders, teachers, students and parents to reflect on the future of education and on how education can promote sustainable development. The UNEVOC Network encourages the establishment of closer links with other UNESCO networks through knowledge sharing and collaborative work for a broader reach that benefits all stakeholders. Closer collaboration of UNESCO networks will also enhance interaction between actors responsible for different components of national education systems.

UNITWIN/UNESCO Chairs Programme

The UNITWIN/UNESCO Chairs Programme was established by UNESCO in 1992, with the mission of promoting international inter-university cooperation, to share knowledge and develop collaborative work in education, the natural and social sciences, culture and communication. There are around 950 UNESCO Chairs and 45 UNITWIN Networks across 120 countries.

A UNESCO Chair is a team led by a higher education or research institution that partners with UNESCO on a project to advance knowledge and practice in an area of common priority. A UNITWIN Network is a partnership between UNESCO and a network of higher education or research institutions of at least three institutions in different countries, at least two of which must be located in the Global South and which pool their competencies and resources around particular themes. The UNITWIN/UNESCO Chairs Programme mobilizes expertise of higher education and research institutions to address the interdependent challenges of today's increasingly complex world.

More information is available [here](#).

UNESCO Associated Schools Network

Founded in 1953, the UNESCO Associated Schools Network (ASPnet) is a global network of more than 12,000 educational institutions across 182 countries, around a common goal to build peace in the minds of children and young people. The network operates at international and national levels with three clear priorities: education for sustainable development, global citizenship education and inter-cultural and heritage learning.

ASPnet works towards Sustainable Development Goal 4 Target 7 by empowering schools to drive innovation for global citizenship, intercultural understanding and sustainability, strengthening international cooperation and collaboration,

knowledge sharing and partnerships between countries and schools and building capacity for innovative teaching and participatory learning, particularly through whole-school approaches. ASPnet's four main goals are: (i) Schools as laboratories of ideas (ii) Global networking and collaboration (iii) Capacity-building (iv) Communication and advocacy.

More information is available [here](#).

UNESCO Global Network of Learning Cities

In 2013, the UNESCO Institute for Lifelong Learning (UIL) established the UNESCO Global Network of Learning Cities (GNLC) to support the implementation of lifelong learning. The UNESCO GNLC is an international policy-oriented network providing inspiration, know-how and best practice. The GNLC is made up of 356 cities from around the world, which together are home to 390 million people. Members of the network have opportunities to connect with other learning cities to share know-how and strategies for lifelong learning development.

The network's mission is to support and accelerate the practice of lifelong learning in the world's communities by promoting policy dialogue and peer learning among member cities, forging links, fostering partnerships, building capacities and developing instruments to encourage and recognize progress in building learning cities. Members of the UNESCO GNLC work together in thematic clusters to collaborate more closely with member cities that share similar issues and concerns. They foster mutual support among cities and help to build a shared vision of issues related to sustainable development, citizenship and inclusion, health and well-being, and educational planning and monitoring. Learning cities promote green and healthy environments, strive to achieve equity and inclusion, and support decent work and entrepreneurship.

More information is available [here](#).

UNEVOC Network and UNITWIN/UNESCO Chairs Programme

The UNITWIN/UNESCO Chairs Programme mobilizes the expertise of higher education and research institutions to address the interdependent challenges of today's increasingly complex world. UNESCO Chairs share and promote interdisciplinary research and knowledge that align with UNESCO's priorities. The UNITWIN Network is a network of universities that aims to facilitate co-operation in specific thematic areas.

The 9th World Conference on TVET 2024

Universiti Tun Hussein Onn Malaysia (UTHM),
Shenzhen Polytechnic University (SZPU), Rajamangala
University of Technology Thanyaburi (RMUTT)
Batu Pahat, Johor, Malaysia

The 9th World Conference on Technical and Vocational Education and Training (WoCTVET 2024) was held at UTHM from 14 to 16 October 2024. The hybrid event, themed 'Driving Economic Growth: Fostering Digital Education and Sustainable Development in TVET,' featured workshops and sessions on TVET innovation, leadership and sustainability. More than 1,000 TVET policymakers, experts, practitioners and students from international organizations, TVET institutions and universities participated in the conference.

Friedrich Huebler, Head of UNESCO-UNEVOC, delivered a keynote speech on 'Transforming TVET for successful and just transitions.' The event also witnessed participation from the UNESCO Chair on Digitalization in Technical and Vocational Education and Training and the UNEVOC Centre at SZPU. Wenming Yang, UNESCO Chairholder and UNEVOC Centre Coordinator at SZPU, presented on digital transformation as an emerging scenario for TVET management and leadership.

The UNESCO Chair on TVET and Competence Development for the Future of Work at TU Dortmund University hosted a workshop at the event. The workshop topics, namely 'Work-based learning in times of digital and sustainable change' (by Thomas Schröder), 'Professionalization through action orientation and the understanding of competence concepts' (by Junmin Li) and 'Vocational education for sustainable development' (by Anne Busian and Yoke-Lee Roth), were addressed and discussed from a global perspective. Additionally, Thomas Schröder, UNESCO Chairholder, participated in a panel on 'Driving Economic Growth: Fostering Digital Education and Sustainable Development in TVET'.

The World Teacher's Day Forum was also organized as a part of the conference, with the theme 'Driving Economic Growth: Fostering Digital Education and

Sustainable Development of TVET.' The panelists included Thomas Schröder (UNESCO Chairholder), Sommai Pivsa-art (Head of UNEVOC Centre at RMUTT) and Dato' Palaniapan Joseph (UNESCO-UNEVOC BILT Expert Group Member).

More information is available [here](#) and [here](#).

High School Sustainability Competition

The University of Doha for Science and Technology
(UDST)
Doha, Qatar

The UNESCO Chair on TVET and Sustainable Development and the UNEVOC Centre at UDST hosted a High School Sustainability Competition on 23 October 2024. Eighty-four projects from 24 schools across Qatar showcased their ideas for a greener future. Based on innovation, feasibility and impact, 35 projects were shortlisted for the final exhibition and competition, from which the top three were awarded prizes.

More information is available [here](#).

Professional Skills Center earns ISO 9001 Certification

The University of Doha for Science and Technology
(UDST)
Doha, Qatar

UDST's Professional Skills Center (PSC) earned ISO 9001 certification. UDST is the UNESCO Chair on TVET and Sustainable Development and the UNEVOC Centre in Qatar.

As the MENA region's only training centre accredited by the National Center for Construction Education and Research (NCCER), PSC leads in skilling, reskilling and upskilling through high-quality TVET programmes that address industrial demand. The PSC also enables those who have lost certificates due to displacement to demonstrate competencies and be recertified. This reflects UDST's commitment to excellence in education and workforce development, reinforcing its role in preparing individuals for an evolving job market.

More information is available [here](#).

Activities of UNEVOC Centres

Africa

213th Inaugural Lecture on Computers and Robotics Education

Centre for Technical Vocational Education Training and Research, University of Nigeria, Nsukka (CETVETAR, UNN)

Nsukka, Enugu, Nigeria

UNN organized the 213th Inaugural Lecture on 31 October 2024, delivered by Nnenna E. Ibezim of the Department of Computer and Robotics Education, Faculty of Vocational Technical Education (VTE). The lecture focused on 'Advancing the Frontiers of Computers and Robotics Education: Special Insights into artificial intelligence and cybersecurity.' It highlighted the implementation of green computing practices in computer education gained from Ibezim's participation in the UNESCO-UNEVOC TVET Leadership Programme in 2019.

The lecture explored (i) Computer and Robotics Education as a VTE subject, (ii) Applications of computers and robotics in VTE and (iii) AI and robotics as game changers in education and cybersecurity. It emphasized the need to improve TVET through the applications of Artificial Intelligence, robotics and cybersecurity to enhance students' learning outcomes and the expertise required in the industry for productivity improvement.

More information is available [here](#).

Workshop on Applied Research and Inauguration of e-Library

National Board for Technical Education (NBTE)

Kaduna, Nigeria

From 25 to 27 November 2024, NBTE organized an applied research workshop and inaugurated an e-library on engineering and technology. The three-day workshop focused on leveraging artificial intelligence for the efficient use of open-source software within the Linux platform.

More information is available [here](#).

Technological Training on Agro-Livestock State Secretariat for Professional Technical Education (SEETP)

Maputo, Mozambique

In November 2024, 75 trainers from various institutions of Professional Technical Education in the agricultural sector participated in training on Agro-Livestock. The training activities were organized to acquire innovative and effective experiences for implementation in Mozambique and to deepen the trainers' knowledge and technical skills in Agricultural Mechanization, Soil Analysis, Fertilization and Irrigation Systems. The training was provided by the National Council for the Federal Network of Vocational, Scientific and Technological Education Institutions (CONIF – UNEVOC Centre in Brazil) as part of a partnership established between Brazil and Mozambique (BRAMOTEC). BRAMOTEC aims to develop technical and technological skills in specialist areas and consequently improve the quality of teaching.

The 45-day training was delivered in a hybrid format, with the first phase online and the second in person at 13 Brazilian Federal Institutes that hosted the Mozambican trainers.

More information is available [here](#).

SIT at COP13 and MOP36 meeting Seychelles Institute of Technology (SIT)

Bangkok, Thailand

SIT participated in the combined Thirteenth Meeting of the Conference of Parties to the Vienna Convention for the Protection of the Ozone Layer (COP13) and the Thirty-Sixth Meeting of the Parties to the Montreal Protocol on Substances that Deplete the Ozone Layer (MOP26), held from 28 October 2024 to 1 November 2024. They also attended the workshop on life-cycle refrigerant management on 27 October 2024, held in Bangkok, Thailand.

More information is available [here](#) and [here](#).

Arab States



Scientific Entrepreneurship Expo 2024

Middle Technical University (MTU)

Baghdad, Iraq

On 2 December 2024, an exhibition of scientific products and pioneering projects was organized at the Engineering Technical College, Baghdad, during the Global Entrepreneurship Week 2024 in Iraq. The Administrative Technical College, Baghdad, participated in the exhibition, which featured many leading-edge projects implemented by students and graduates of the college.

More information is available [here](#).

Workshop on Small Entrepreneurial Projects

Middle Technical University (MTU)

Baghdad, Iraq

The Qualification, Employment and Follow-up Unit of the Technical Institute at Baqubah held a workshop titled 'Managing Small Entrepreneurship Projects' on 20 October 2024. The workshop focused on developing participants' skills and abilities to launch pilot projects and secure jobs in the labour market.

More information is available [here](#).

Move Smart, Travel Sustainably

The University of Doha for Science and Technology (UDST)

Doha, Qatar

UDST hosted an inspirational community learning event 'Move Smart' for World Sustainable Transport Day. It was a multidisciplinary event held for high school and university students highlighting SDGs 9, 11 and 13. Student poster presentations opened the event followed by a range of topics covering opportunities and challenges of eco-friendly transportation and

related infrastructure in Qatar. The event culminated in a school solar car build and race competition, and for university students, an opportunity to drive an electric car.

More information is available [here](#).



Workshop on Lifelong Learning Ecosystems

Abu Dhabi Centre for Technical and Vocational Education and Training (ACTVET)

Abu Dhabi, United Arab Emirates

On 7 November 2024, ACTVET, supported by Fatima College of Health Sciences (FCHS), held an online workshop on 'Lifelong Learning Ecosystems'. Attendees from various UNEVOC Centres joined the session, which focused on fostering continuous professional development and adaptability among students. This includes leveraging technology, mentorship and collaborative platforms to enable healthcare students to engage in ongoing knowledge acquisition, critical thinking and practical application.

Training on career planning in the private sector

Middle Technical University (MTU)

Baghdad, Iraq

A training workshop on 'How to Plan Your Career Path in the Private Labour Market' was held by the Administrative Technical College/Baghdad, in cooperation with the Qualification, Employment and Follow-up Unit, the Station Foundation, SWITCH Company (Iraq's Electronic Gateway for Financial Services) and Zain Iraq Company. The workshop resulted in an agreement on a set of digital platforms that enable students to communicate with the Station Foundation to develop their skills and match the requirements of the labour market.

More information is available [here](#).



Training on developing Curriculum Vitae (CV) **Middle Technical University (MTU)**

Baghdad, Iraq

Administrative Technical College – Baghdad, Qualification, Employment and Follow-up Unit held a training workshop on 17 October 2024, titled 'How to Market Your Skills to the Labour Market by Focusing on the CV.' The workshop focused on strategies to improve CVs, covering the most important topics to include and the essential rules for writing one. A cohort of fourth-year students from various departments of the college attended the workshop.

More information is available [here](#).



Workshop on Job-Ready Skills and Competencies **Middle Technical University (MTU)**

Baghdad, Iraq

The workshop, titled 'Graduates' Skills and Competencies to Apply for a Job,' was held at MTU on 22 October 2024. It was organized by the Technical Trainers Preparation Institute, Rehabilitation, Employment and Follow-up Unit, in cooperation with the Media and Government Communication Division at the Institute, for second-year students in the Electrical Technology Department.

The workshop covered the skills and competencies sought by the labour market, the concept of soft skills and how to highlight these skills on a CV when applying for a job.

More information is available [here](#).



ACTVET's Skills Camp Winter 2024 **Abu Dhabi Centre for Technical and Vocational Education and Training (ACTVET)**

Abu Dhabi, United Arab Emirates

Skills Camp Winter 2024, organized by EmiratesSkills, took place from 16 to 27 December 2024, across the cities of Abu Dhabi and Al Ain. It offered students an opportunity to spend their winter break in a productive and enjoyable manner, by providing training in various technical and vocational skills. This allowed them to enhance their expertise while exploring new areas of interest.

More information is available [here](#).

Libyan Conference on Development in Technical and Vocational Education

Ministry of Technical and Vocational Education (MTVE)

Benghazi, Libya

MTVE organized the Libyan Conference on Development in Technical and Vocational Education on 15 and 16 December 2024. Conducted in Arabic and English, it brought together engineers, researchers and specialists to present their research activities and the latest findings in the field of technical education. The conference aimed to foster scientific cooperation and communication with technical institutes, colleges, universities, research centres and specialized institutions locally, regionally and internationally. Key thematic areas included curriculum development, the role of e-learning in TVET and public-private partnerships.

More information is available [here](#).

TVTC wins over 50 Awards in International Competitions in 2024
Technical and Vocational Training Corporation (TVTC)
Riyadh, Saudi Arabia

TVTC achieved global milestones in 2024, as teams of trainees won several awards and secured top positions in seven international competitions, with a total of over 50 awards in diverse fields. These fields included innovation and invention, telecommunications, information technology, culinary arts and gastronomy, cybersecurity, robotics and artificial intelligence.

TVTC, through its colleges and institutes, implements specialized programmes to develop the skills and talents of its trainees. These programmes support their projects and innovations for international competitions across various fields. They include workshops and one-on-one mentoring sessions with experts and specialists in these domains.

More information is available [here](#).



Skills Challenge 2024
Abu Dhabi Centre for Technical and Vocational Education and Training (ACTVET)
Abu Dhabi, United Arab Emirates

The Skills Challenge 2024, held from 14 to 30 October 2024 at Applied Technology Schools (ATS) and Abu Dhabi Polytechnic campuses, brought together high school and college students from across the UAE to compete in 20 skill categories. The Skills Challenge served as a platform for students to demonstrate their talents and qualify for participation in the upcoming Emirates Skills National Competition (ESNC) in 2025, the largest skills-based competition in the UAE.

More information is available [here](#).

AD Poly at ADIPEC 2024
Abu Dhabi Centre for Technical and Vocational Education and Training (ACTVET)
Abu Dhabi, United Arab Emirates

Abu Dhabi Polytechnic (AD Poly) participated in the Abu Dhabi International Petroleum Exhibition and Conference (ADIPEC), held from 4 to 7 November 2024, highlighting their commitment to innovation and sustainability. Shamma Al Shamsi, a Petroleum Engineering Technology student, presented her research on BioClean-Surf, a new biodegradable surfactant for oil spill clean-up, showcasing how BioClean-Surf aligns with the UAE's Vision 2030 framework, emphasizing sustainable practices and environmental protection.

AD Poly's participation in ADIPEC reflects its dedication to fostering research and development while equipping its students with the skills and knowledge needed to contribute to the UAE's technological and environmental progress.

More information is available [here](#).



Workshop on Developing Apprenticeship Framework
Abu Dhabi Centre for Technical and Vocational Education and Training (ACTVET)
Abu Dhabi, United Arab Emirates

ACTVET conducted an online workshop on 14 November 2024, focused on developing an apprenticeship framework. The workshop was attended by 68 participants from UNEVOC Centres across Kenya, Nigeria, the Philippines, Mauritius, Namibia, Azerbaijan, Bhutan, Trinidad and Tobago, Spain, Brazil, the USA, Denmark and Sweden. This workshop was a part of a two-part series (first workshop conducted in September 2024), aimed at showcasing to other UNEVOC Centres ways to develop an apprenticeship model following best practices from leading countries.

Asia and the Pacific



Joint Working Committee meeting between NCERT, EDUFI and GINTL

Pandit Sunderlal Sharma Central Institute of Vocational Education (PSSCIVE)

Bhopal, Madhya Pradesh, India

The National Council of Educational Research and Training (NCERT), in collaboration with the Finnish National Agency for Education (EDUFI) and the Global Innovation Network for Teaching and Learning (GINTL) India, convened the third Joint Working Committee (JWC) meeting to mark the conclusion of the GINTL project and explore future avenues of partnership.

The meeting provided a comprehensive overview of collaborative activities, underscoring the project's key milestones and contributions to India's evolving education landscape and emphasizing the value of cross-border cooperation in shaping innovative educational frameworks. Participants highlighted pilot programmes, curriculum development and capacity-building initiatives aimed at aligning educational strategies with industry needs and international best practices.

Vinay Swarup Mehrotra, UNEVOC Centre Coordinator at PSSCIVE, presented the activities designed to share experiences in vocational education.

More information is available [here](#).

2024 Business Excellence, National Quality and Innovation Conference

Fiji National University (FNU)

Nadi, Fiji

FNU organized the 2024 Business Excellence Conference and the 28th National Quality and Innovation Conference. The theme of the event was 'Inclusive Productivity.' More than 100 industry leaders, organizations and visionary practitioners gathered to showcase their successful stories, best

practices and cutting-edge strategies which have helped them drive sustained growth and competitiveness in today's ever evolving business world.

More information is available [here](#).



PSSCIVE at Ladakh Education Conclave 2024

Pandit Sunderlal Sharma Central Institute of Vocational Education (PSSCIVE)

Bhopal, Madhya Pradesh, India

The Ladakh Education Conclave 2024, held on 22 and 23 November 2024, brought together policymakers, educators, industry leaders and students to envision a transformative future for the region's education landscape. Organized by the Higher Education Department, School Education Department and Ladakh Skill Development Mission, the conclave focused on aligning school education, vocational skilling and higher education with the objectives of the National Education Policy (NEP) 2020.

The conclave featured a blend of interactive sessions, expert panels and cultural performances. The two-day event culminated in actionable recommendations to address the region's skills gap, promoting stronger industry-academia partnerships.

Vinay Swarup Mehrotra, UNEVOC Centre Coordinator at PSSCIVE, participated as an expert in the Working Groups on 'Integrating Vocational Education in School Curriculum for Early Skill Development' and 'Integrating Technology and STEM Education for Holistic Development of the Child.' His contributions added valuable insights into developing strategies to merge vocational skills with mainstream education.

More information is available [here](#).

2024 Fiji Business Excellence Awards

Fiji National University (FNU)

Nadi, Fiji

FNU hosted the Fiji 2024 Business Excellence Awards on 09 November 2024, honoring the pinnacle of business excellence in Fiji. Organized by the FNU's National Training and Productivity Centre, the annual event brought together outstanding organizations and leaders from across the nation to celebrate exceptional achievements of individuals and organizations, and their commitment to quality, innovation and customer-driven excellence.

More information is available [here](#).

National Seminar on New State Curriculum Frameworks (SCFs)

Pandit Sunderlal Sharma Central Institute of Vocational Education (PSSCIVE)

Bhopal, Madhya Pradesh, India

The State Council of Educational Research and Training (SCERT), Goa, in collaboration with the Directorate of Education, Goa, organized a two-day National Seminar on 'New State Curriculum Frameworks (SCFs) as the Basis for Transforming School Education' on 5 and 6 December 2024. The seminar served as a pivotal platform for policymakers, educators and teachers to deliberate on the implementation and far-reaching implications of the National Education Policy (NEP) 2020.

Deepak Paliwal, Head of the UNEVOC Centre at PSSCIVE, presented the contributions of PSSCIVE in fostering vocational education across schools and emphasized the need to align vocational training with the demands of Industry 4.0 and the future workforce.

Vinay Swarup Mehrotra, UNEVOC Centre Coordinator at PSSCIVE, participated in a panel discussion titled 'Reimagining Skill Education in Goa.' He shared innovative approaches and best practices for advancing vocational education, aligning curricula with industry needs and addressing the skills gap in the labour market, while highlighting the importance of equipping students with relevant skills for employment and entrepreneurship.

More information is available [here](#).



Training on Apprenticeship

Fiji National University (FNU)

Suva, Fiji

FNU's Department of National Apprenticeship & Trade Testing Scheme hosted a training session on 'Quality Apprenticeship Transformation: Enhancing Supervisory Skills' on 26 November 2024. The event was attended by representatives from the International Labour Organization (ILO) Office for Pacific Island Countries and the Fiji Commerce & Employers Federation (FCEF).

More information is available [here](#).



Skills Training on Artificial Intelligence

Zhejiang Technical Institute of Economics (ZJTIE)

Zhejiang, China

Given the prominence of artificial intelligence in vocational education, ZJTIE conducted an online vocational skills training on the theme of 'Artificial Intelligence Empowering Daily Work' for Institute Widya Pratama, Indonesia on 5 December 2024. This training, structured around practice and demonstration, showcased the capabilities of China's Big Language Modeling Platform to 190 participants from Institute Widya Pratama, engaging them in an interactive online learning experience.

More information is available [here](#).



China-Pakistan Digital Education Promotion Conference
Zhejiang Technical Institute of Economics (ZITIE)
 Zhejiang, China

On 7 November 2024, a delegation from ZITIE participated in the China-Pakistan Digital Education Promotion Conference in Weifang, Shandong province, China. ZITIE signed a China-Pakistan Digital Skills Talent Development Cooperation Agreement with the Technical Education and Vocational Training Authority of Punjab, Pakistan. The Agreement confirmed the objectives for the international promotion of ZITIE's e-commerce national teaching resource database and the establishment of the Pakistan Digital Trade Silk Road College.

More information is available [here](#).

Energy Management in Poultry Housing Field Instructor Training and Research Center, Iran TVTO (ITC-Iran TVTO)
 Karaj, Alborz, Iran

Given the high levels of energy consumption in poultry housing, ITC-Iran TVTO has developed a course on energy management for poultry housing. The course familiarizes trainees with energy consumption standards and approaches to improve health conditions in breeding poultry through measures such as accurate management of ventilation, lighting and temperature. The main subjects of the course are: (i) Utilization of solar energy (photovoltaic & photometric) for enhancing poultry house productivity and (ii) Using solar panels for the heating and lighting systems of poultry houses.

More information is available [here](#).

CTEVT's Management Review Conference
Council for Technical Education and Vocational Training (CTEVT)
 Sauraha, Chitwan, Nepal

CTEVT's 42nd Management Review Conference was held in Sauraha, Chitwan, Nepal, from 6 to 8 December 2024. The event was inaugurated by the Honourable Minister of Education, Science, and Technology, and Chairperson of CTEVT, Bidya Bhattarai.

The Conference focused on reviewing progress, addressing challenges and formulating future strategies. Experts at the conference presented on issues related to good governance, curriculum, quality, efficiency and student attraction to TVET. The conference was attended by 148 participants including CTEVT directors, constituent school principals and other employees of CTEVT.

More information is available [here](#).



Training Workshop on Hydrocarbon Refrigerant Technology
Instructor Training and Research Center, Iran TVTO (ITC-Iran TVTO)
 Karaj, Alborz, Iran

From 2 to 4 December 2024, ITC - TVTO Iran organized an in-person training course on the technological application of the hydrocarbon refrigerants in the refrigeration and air-conditioning sector, with the support of UNDP. The workshop focused on environmentally friendly hydrocarbon refrigerant technology in refrigeration and air-conditioning systems, which are increasingly considered as viable alternatives to high Global Warming Potential (GWP) refrigerants. However, due to their flammability, they require safe and proper methods for handling and operation.

More information is available [here](#).



Launch of Skills for Better Job Project 2024-2029
Training Department, DGTNET, Ministry of Labour
and Vocational Training
Phnom Penh, Cambodia

On 5 November 2024, the Ministry of Labour and Vocational Training (MLVT) organized a launching event for 'Skills for Better Jobs Project 2024-2029,' which is funded by the World Bank. The event was presided over by Heng Sour, Minister of MLVT. The project's objective is to enhance the quality and relevance of skills among Cambodia's upcoming and existing workforce. In the event of an Eligible Crisis or Emergency, it aims to respond promptly and effectively with the following components: (a) strengthening TVET to upskill and meet industry needs; (b) providing information and orientation for better job opportunities; (c) supporting sector associations and expanding skills development.

More information is available [here](#).



Training of Teachers on Information Technology
Pandit Sunderlal Sharma Central Institute of
Vocational Education (PSSCIVE)
Bhopal, Madhya Pradesh, India

A teachers' training programme for the job profile of a Junior Software Developer in Information Technology - Information Technology enabled Services (IT-ITeS) Sector was conducted at PSSCIVE, Bhopal from 4 to 8 November 2024. A total of 30 participants from the Indian states of Himachal

Pradesh, Punjab and Haryana attended the programme. It covered topics such as Operating Systems, Computer Networks, Data Structures, Python Programming and Relational Database Management System (MySQL). Participants gained hands-on experience in Python programming and MySQL, which allowed them to acquire practical programming skills.

More information is available [here](#).



KOICA visits PSSCIVE
Pandit Sunderlal Sharma Central Institute of
Vocational Education (PSSCIVE)
Bhopal, Madhya Pradesh, India

A high-level delegation from the Korea International Cooperation Agency (KOICA), Republic of Korea (RoK), led by Woo Chan Chang, Director (India), visited PSSCIVE and the Regional Institute of Education (RIE) in Bhopal on 11 December 2024.

The visit aimed to evaluate the existing infrastructure and facilities at these institutions in preparation for the establishment of equipment and the introduction of a mechatronics course at the Demonstration Multipurpose School (DMS), Bhopal. The introduction of the mechatronics course is expected to equip students with industry-relevant skills, promoting career readiness and technological advancement.

During their visit to PSSCIVE, the KOICA delegation held a productive meeting with faculty members, highlighting the institute's commitment to fostering innovation and skill development in line with international standards.

More information is available [here](#).

Europe, CIS and North America



Dual Education Study Tour in Egypt
Institute of Pedagogical Innovation (IPITVET)
Cairo, Egypt

As part of the 'Supporting the Reform and Modernization of Vocational Education in Uzbekistan (TexVET)' project by GIZ, a study tour was conducted in Cairo from 18 to 26 October 2024. The participants of the second group of the 'Promoters of Dual Education' competition, organized by GIZ's TexVET project, attended workshops and training programmes conducted by experts. IPITVET sent five experts from Uzbekistan to participate in the study tour as ambassadors.

The participants had the opportunity to learn about various successful models of cooperation between the Egyptian government, industry and educational institutions, specifically in implementing the dual education system at both the government and private sector levels. Key topics included the green economy, the role of the private sector in curriculum development and innovative partnerships between vocational schools and industrial enterprises. Additionally, participants visited dual education schools supported by GIZ, the Ministry of Education and Technical Education and training centers in cooperation with industrial enterprises, where practical examples of vocational education were demonstrated.

More information is available [here](#).



Pitch Your Idea Sharply and Purposefully
Niels Brock Copenhagen Business College
(Brock)
Copenhagen, Denmark

At the end of November 2024, students from Jesper Buch's Entrepreneur Academy at Niels Brock Business College presented their innovative ideas to a range of prominent companies and partners. The event attracted local entrepreneurs as well as representatives from larger firms, eager to hear the young people's creative solutions and visions for the future.

The students had spent several weeks developing their pitches on a wide array of topics, from sustainability and technology to social initiatives. They presented their projects to a critical audience made up of both industry professionals and teachers.

The interactive session allowed participants to ask questions and provide feedback, creating a lively and educational atmosphere. Several visiting companies expressed significant interest in some of the ideas presented and engaged in discussions with students about potential future collaborations.

The event demonstrates the value of collaboration between educational institutions and the business sector, fostering valuable learning opportunities for future generations.

More information is available [here](#).

Latin America and the Caribbean



II International Olympiad on Strategic Management
Bashkir Institute of Social Technologies (branch of
the Educational Institution of Trade Unions
“Academy of Labour and Social Relations” (BIST)
Ufa, Russian Federation

On 29 November 2024, the II International Olympiad on Strategic Management was held at BIST, using the computer business game ‘Business Course: MAXIMUM.’ A total of 90 students participated in the Olympiad, which was conducted both offline (for participants from Ufa educational organizations) and online. The purpose of the Olympiad was to foster economic culture and modern economic thinking among students.

More information is available [here](#).

TVET Ambassadors Network Meeting
Institute of Pedagogical Innovation (IPITVET)
Tashkent, Uzbekistan

On 27 November 2024, a network meeting of TVET ambassadors (promoters and advocates of TVET) was held in Tashkent under the workplan of ‘Training of Dual Education Ambassadors.’

The main tasks of the ambassadors were to promote close cooperation between educational institutions and companies to combine theoretical knowledge and practical skills in the TVET educational process. The meeting highlighted the importance of creating a solid foundation for individual professional development and ensuring the competitiveness of the economy in the field of education through well-trained specialists and mentors.

More information is available [here](#).



8th High-Tech Forum: The Power of AI in Education and Industry
National Training Service of Industrial Work (SENATI)
Online

The 8th High-Tech Forum on ‘The Power of AI in Education and Industry’ was held by SENATI on 6 December 2024. The event focused on AI’s impact on education, industry and training. It brought together experts from Duoc UC (UNEVOC Centre in Chile), INACAP (UNEVOC Centre in Chile) and SENATI to discuss the challenges and opportunities of AI’s applications in Technical and Vocational Education.

The video is available [here](#).

More information is available [here](#).

1st International Workshop on Quality and Sustainable Vocational Training
Ministry of Education / Directorate of Technical and Vocational Education (MINED)
La Habana, Cuba

The 1st International Workshop on Quality and Sustainable Vocational Training was organized by MINED from 26 to 28 November 2024. The general objective of the event was to share experiences on pedagogical and didactic strategies that contribute to the development of quality, inclusive and gender-focused vocational training, enabling young people to access decent employment and contribute to the sustainable development of nations.

More information is available [here](#).



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The UNEVOC Network Spotlight informs the TVET community about the activities of UNEVOC Network members and the Network Secretariat. Readers can find out more about these and other activities on our website.

The Spotlight is published quarterly. This issue is only available in English.

For more information or to submit an article, please contact the UNEVOC Network Secretariat at unevoc.network@unesco.org.

