

Programme Proceedings

**TVET LEADERSHIP
AND MANAGEMENT
BENCHMARKING
PROGRAMME
(BATCH II)**

17-24 August 2024
Beijing and Hangzhou,
China

This programme is organized by:

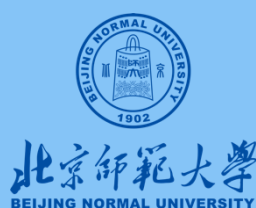
- UNESCO International Research and Training Centre for Rural Education (UNESCO INRULED)
- Southeast Asian Ministers of Education Organization Regional Centre for Technical Education Development (SEAMEO TED)
- UNESCO Chair on AI in Education

Co-organized by:

- China Education Association for International Exchange (CEAIE)
- UNESCO Regional Office for East Asia (UNESCO Beijing)
- Smart Learning Institute, Beijing Normal University

Supported by:

- Faculty of Education, Beijing Normal University
- China Institute of Education and Social Development, Beijing Normal University
- Federation of Returned Overseas Chinese,
- Education Bureau, Lin'an District, Hangzhou, Zhejiang Province
- Zhejiang Agriculture and Forestry University



中国教育国际交流协会
CHINA EDUCATION ASSOCIATION FOR INTERNATIONAL EXCHANGE



北京师范大学智慧学习研究院
Smart Learning Institute of Beijing Normal University



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I. Executive Summary

- International exchanges and cooperation among schools from SEA countries and between schools in China and schools from SEA countries in the field of TVET and education for rural revitalization must be promoted.
- Through mutual learning and exchanges, capacity development, partnership building, and networking, the programme serves to promote collaborative efforts for a brighter future for TVET and rural development and accelerate the realization of the United Nations 2030 Agenda.
- The needs and challenges of transformation, and the response and contribution of vocational and technical education to the sustainable development of rural areas.
- Learning about rural revitalization in the context of the digital era for educational innovation, skill talent training, and skills.
- The three dimensions of sustainable development – the economic, environmental, and social have been found integrated in rural development in China.
- The five pillars of sustainable development: People, Planet, Prosperity, Peace, and Partnerships are keys for any development agenda anywhere.
- Government initiatives, talent training, returned overseas talents to build entrepreneurship in their hometown, and partnerships between public and private sectors are fundamental for rural development.
- Using local resources with creativities to promote rural development.
- China has a very good model of E-commerce development particularly with agricultural products in rural areas to lessons learned for SEA countries.
- Schools and skills training centers must work closely with local enterprises to align their curriculum with job markets.

II. Activities

2.1 Attending the Opening Ceremony of the 2024 Global Smart Education Conference (GSE2024) on 18 August 2024

All SEA participants were invited to attend the Opening Ceremony of the 2024 Global Smart Education Conference (GSE2024) to listen and learn from high-profile speakers from many different countries presenting on different topics related to Educational Transformation and International Understanding.



(Photo of the Opening Ceremony of GSE2024)

2.2 Programme Opening Symposium: Promoting Digital Transformation of TVET for Sustainable Rural Development (on 18 August 2024)

2.2.1 Introduction

In cooperation with the Smart Learning Institute of Beijing Normal University, UNESCO INRULED, UNESCO Regional Office for East Asia, China Educational Association for International Exchange (CEAIE), SEAMEO TED has co-organized Programme Opening Symposium of the TVET Leadership and Management Benchmarking Programme (batch II) on Promoting Digital Transformation of TVET for Sustainable Rural Development at Beijing Normal University on 18 August 2024. The symposium was attended by 36 participants as policymakers of education ministries, TVET experts, and school management from 6 ASEAN countries namely Cambodia, Indonesia, Malaysia, the Philippines, Thailand, Vietnam, and China. The programme aims to achieve the following objectives consisting of 1) To share best practices of TVET policy and development between China and ASEAN related to TVET transformation in the digital era for sustainable rural development; 2) To benchmark best practices from each other for TVET development; 3) To enhance the close cooperation between China and ASEAN in terms of TVET development; 4) To improve the roles and responsibilities of TVET school management for a better quality of teaching, learning, and management.



(Group Photo of Quest Speakers and Participants)



(Dr. Datuk Dr Habibah Abdul Rahim, Director of SEAMEO Secretariat delivered her welcome remarks.)



(Mr. Khat Prumsocetra, Deputy Director of SEAMEO TED delivered his Keynote Speech.)

2.2.2 Agenda of the Symposium

The symposium has 3 sessions as follows:

1. Welcoming Remarks were delivered by

- Dr. ZHAO Yuchi, Executive Director, UNESCO INRULED
- Mr. Robert Parua, Education Specialist, UNESCO Regional Office for East Asia
- Dr. Datuk Dr Habibah Abdul Rahim, Director, SEAMEO Secretariat (TBD)
- Prof HUANG Ronghuai, Dean, Smart Learning Institute, BNU (TBD)

2. Keynote Speeches were given by:

- Mr. Khat Prumsochetra, Deputy Director, SEAMEO TED
- Prof. WANG Libing, Chief of Section for Education, UNESCO Regional Office in Bangkok

3. Country Reports were presented by:

- Prof BAI Bin, Deputy Director, Institute of Vocational and Adult Education, BNU (TBD)
- Mr. Mom Say, Head of Academic Office, National Polytechnic Institute of Cambodia (NPIC)
- Prof. Dr. Hj. Ana, S.Pd., M.Pd, Vice Dean of the Faculty of Technical and Vocational Education, University Pendidikan, Indonesia; Dr. Iwan Kustiawan, Head of Electrical Engineering Study Program and Head of TVET Research Centre, University Pendidikan, Indonesia
- Mr. Mohd Asyraf Bin Md. Sum, Deputy Director, Department Of Polytechnic And Community College Education, Malaysia
- Dr. Pattarada Rungruang, Vice President of Attawit Commercial Technology College, Thailand
- Asso. Prof. Dr. Le My Ha, Vice Dean of the Faculty of Electrical Electronic Engineering, Ho Chi Minh City of University of Technology and Education, Vietnam
- Dr. Gonzales Mary Jane, Principal Iv, Deped-padre Garcia Integrated National High School, Philippines

2.2.3 Key Outcomes of the Symposium

- TVET is one of the priorities for sustainable rural development globally and regionally aligned with Sustainable Development Goal 4 (SDG4) of UNESCO's 2030 Agenda.
- TVET plays an important role in rural development in China. China is very aggressive in TVET modernization, skills development, and youth empowerment for rural transformation.
- Key Laboratory of Educational Technology has spent so much effort in skills development and TVET sectors for a new strategy "New skills for New jobs".
- In the past TVET was seen as a second choice by students, but now smart government has prioritized TVET and skills development to meet the labor market demands. Also, the poor educational system should be replaced by the new project which is called "Micro-potentials and Learning Ecosystems" to promote skills development.
- TVET institutions should work closely with local enterprises for students' internships, job opportunities, and learning new trends of labor market needs. They must build strong relationships and partnerships with other TVET providers, industries, enterprises, and companies. Investing in teachers' capacity building and digital transformation is crucial for TVET sectors.
- Initiatives and infrastructure development from the government are compulsory for digital education and skills development in rural areas. TVET research and skills training centers should be established for further study and development.
- Village Fund and Digitalization in TVET are helpful and useful for skills development.

2.3 Cultural Visit to the Great Wall (on 19 August 2024)

2.3.1 Introduction

The Great Wall of China is a series of fortifications that were built across the historical northern borders of ancient Chinese states and Imperial China as protection against various nomadic groups from the Eurasian Steppe. Several walls were built as early as the 7th century BC, with selective stretches later joined by Qin Shi Huang (220–206 BC), the first emperor of China. Little of the Qin wall remains. Later on, many successive dynasties built and maintained multiple stretches of border walls. The best-known sections of the wall were built by the Ming dynasty (1368–1644).



(Photo of The Great Wall of China)

Apart from defense, other purposes of the Great Wall have included border controls, allowing the imposition of duties on goods transported along the Silk Road, regulation or encouragement of trade, and the control of immigration and emigration. Furthermore, the defensive characteristics of the Great Wall were enhanced by the construction of watchtowers, troop barracks, garrison stations, signaling capabilities through the means of smoke or fire, and the fact that the path of the Great Wall also served as a transportation corridor.

The frontier walls built by different dynasties have multiple courses. Collectively, they stretch from Liaodong in the east to Lop Lake in the west, from the present-day Sino–Russian border in the north to Tao River (Taohe) in the south; along an arc that roughly delineates the edge of the Mongolian steppe; spanning 21,196.18 km (13,170.70 mi) in total. Today, the defensive system of the Great Wall is generally recognized as one of the most impressive architectural feats in history.



(Photo of SEAMEO TED team with Cambodian and Thai team at The Great Wall)

2.3.2 Outcomes of the Visit

- All participants learned and explored the rich of culture and history of the Great Wall of China.
- They viewed the Chinese traditional dance and mortal art at the site and some of them got some souvenirs from souvenir stores and took a lot of photos for their memories.

2.4 Field Visit to Tsinghua University High-tech Hub (on 19 August 2024)

2.4.1 Introduction

TusPark is the key platform for organically extending the social function of Tsinghua University and transferring technological achievements to the university. As a mission, it wishes to become “a stage of innovation & entrepreneurship, a way to opportunities & success and a bridge between technology and economy.” Through more than twenty years of exploration and practice, it has become a world-class university science park.

TusPark is located in the southeast corner of Tsinghua University and the core area of Zhongguancun National Innovation Demonstration Zone with a building area of 770,000 m² and over 1,500 enterprises and all kinds of institutions settling in the park. So far, TusPark has gathered over 1,000 technological enterprises and R&D institutions and become a gathering place of R&D headquarters of multinationals, headquarters of Chinese technology enterprises as well as innovative startups. TusPark is the university science park with the highest construction speed, the best quality of settled enterprises, and the most complete innovation service system in Zhongguancun Science Park, enjoying a very high reputation in the science park industry in China and even in the world.

2.4.2 Objectives of the Visit

- To learn the best practices of TusPark on how to gain great development and achievements.
- To explore any possible cooperation with technology institutes/universities from SEA countries with TusPark.

2.4.3 Outcomes of the Visit

- Participants learned the development and thinking of enterprises in the field of science and technology.
- TusPark shared development strategies and practical information technology cases such as building a network with local and international tech universities and colleges. It has its networks in Singapore and Malaysia and incubators in Malaysia, Indonesia, and Thailand. It will expand the network to other SEA countries in the future.
- TusPark is working to empower the development of rural education, supporting the cultivation of innovative and entrepreneurial talents, enterprise incubation, and industrial layout.
- Universities/colleges that share a common vision and mission with TusPark with one or two strong majors can apply to join TusPark's global network.



(Meeting between SEA participants and Management team of TusPark)



(Participants are visiting and investigating at TusPark)

2.5 Forum on Smart Villages and Education for Rural Transformation (on 20 August 2024)

2.5.1 Introduction

In the process of achieving educational transformation and high-quality development, filling the gap in rural education is a major issue and challenges faced by all countries. Strengthening the digital transformation and innovative development of rural education is an important guarantee for bridging the “digital divide” between urban and rural education, enhancing the quality development of rural education, promoting educational equity, and achieving the Sustainable Development Goals for Quality Education (SDG4), and promoting the realization of the 2030 Agenda for Sustainable Development.

2.5.2 Aim of the Forum

The forum will discuss topics such as rural education revitalization and education revitalization for rural development; digital technology empowering high-quality development of rural education; digital technology empowering rural teachers and teacher professional development; STEM education in the rural settings; digital transformation of TVET and higher education; education, skills transformation and innovative talent cultivation for promoting rural revitalization; learning villages in the digital era, etc.

2.5.3 Organizers

- SEAMEO Regional Center for Technology Education Development (SEAMEO-TED)
- UNESCO Multisectoral Regional Office for East Asia (UNESCO Beijing)
- UNESCO International Research and Training Centre for Rural Education (INRULED)
- SEAMEO Regional Centre for STEM Education (SEAMEO STEM-ED)

2.5.4 Agenda of the Forum

The forum was divided into four sessions as follows:

1. Opening Remarks

- Prof. ZHOU Zuoyu, Vice President of Beijing Normal University & Director of UNESCO INRULED
- Prof. Shahbaz Khan, Director, and Representative to UNESCO Regional Office for East Asia
- HE. Prof. Dr. Chankouluka B, Under Secretary of State, Ministry of Education, Youth and Sports, Cambodia

2. Keynote Speeches

- Prof. Vinayagum Chinapah, Professor Emeritus, International and Comparative Education, Stockholm University, SWEDEN, Lead Consultant on Learning Village in Digital Era Programme at UNESCO INRULED
- Prof. WANG Libing, Chief of Section for Education, UNESCO Regional Office in Bangkok, Thailand
- Prof. GUO Jiong, Dean of the School of Educational Technology, Northwest Normal University, & Executive, Deputy Director of Educational Informatization Strategy Research Base (Northwest), Ministry of Education, P.R.China

3. Country Reports and Case Studies

- Dr. Morn Kritsachai Somsaman, Director, SEAMEO STEM-ED
- Mr. Ricaud Auckbur, Acting Chief Technology Officer, Ministry of Education, Mauritius
- Mr. SHUAI Jianzhu, Chairman of the Returned Overseas Chinese Federation of Lin'an District, Hangzhou City, Zhejiang Province
- Prof. Greg Shaw, Professor Emeritus of Charles Darwin University, Australia
- Prof. Min Bista, Professor Emeritus of Tribhuvan University, Nepal, former Chief of Section for Education, UNESCO Beijing Office
- Mr. Risoi Koiyu, Executive Director, the Institute of Vocational and Technical Education and Training, University of Goroka

4. Roundtable Dialogue

- Ms. Supriatin Dra, Chairman of the SMK Global Technology Vocational Technical High School, Indonesia
- Mr. Haji Hamzah Ahmad Fakhrurazi, Dean of the Lahad Datu Vocational College, Malaysia
- Dr. Carina C. Untalasco, Principal IV of the Calasiao Comprehensive National High School of Department of Education, Philippines
- Mrs. Puttachard Suphalucksana, Director of the Centre for International Education Promotion of Taksina Institute of Business and Technology, Thailand
- Assoc. Prof. Dr. Vu Van Phong, Deputy Director of the Office of Science and Technology of the University of Science and Technology Education, Ho Chi Minh City, Vietnam



(Group Photo of speakers and all participants)

2.5.5 Outcomes of the Forum

- The shortcomings of rural education and development and promoting rural revitalization are major issues and challenges faced by all countries and should be paid attention to. The "digital divide" between urban and rural development, using digital technology to empower the high-quality development of rural education, supporting rural revitalization in the context of the digital economy and green transformation through skills transformation and innovative and entrepreneurial talent training, and building a more inclusive and resilient learning countryside.
- Integrating digital technology into education can not only improve the quality of learning but also promote the skills development of rural youth and promote decent employment and economic growth. Countries should work together to change rural education and to shape a better future.
- A large proportion of the world's poor people live in rural areas in developing countries. Smart rural construction and smart education can empower citizens to develop in the digital age. The knowledge, skills, and thinking needed to help them cope with systemic challenges. The Cambodian government has made many efforts in the digital transformation of rural education and will continue to improve the quality of education in rural areas through capacity building, support system construction, international cooperation, and other means., thereby better promoting national economic development and enhancing social cohesion.
- The promotion of the construction of a "Learning Village in the Digital Era" and the construction of digital empowerment should be based on a review of relevant policies and practices. More attention should be paid to the needs of the rural population, focus on capacity building, and build an inclusive and sustainable learning society.
- The key role of Technical and Vocational Education and Training (TVET) in rural transformation combined with green transformation, can promote social and economic development in rural areas of developing countries.

2.6 Field Visit to Alibaba Group (on 20 August 2024)

2.6.1 Introduction

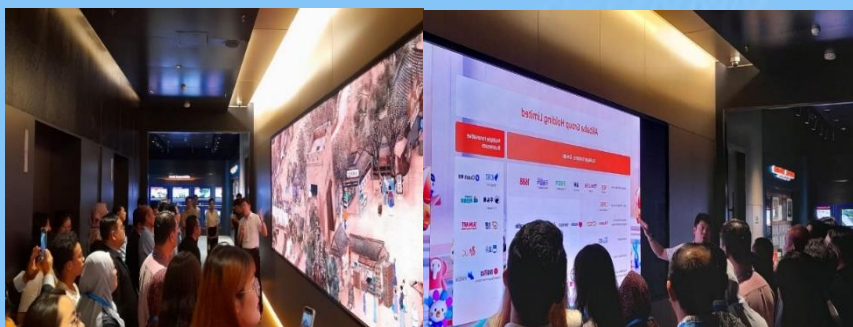
Founded in 1999, Alibaba Group enables businesses to transform the way they market, sell, and operate and improve their efficiencies. We provide the technology infrastructure and marketing reach to help merchants, brands, retailers, and other businesses leverage the power of new technology to engage with their users and customers and operate more efficiently. We also empower enterprises with our leading cloud infrastructure and services and enhanced work collaboration capabilities to facilitate their digital transformation and support the growth of their businesses.

Our businesses are comprised of China commerce, international commerce, local consumer services, Cainiao, cloud, digital media and entertainment, innovation initiatives, and others. An ecosystem has developed around our platforms and businesses that consists of consumers, merchants, brands, retailers, third-party service providers, strategic alliance partners, and other businesses.

GMV transacted in the Alibaba Ecosystem was RMB8,317 billion for fiscal year 2022, which included GMV generated from our China consumer-facing businesses, as well as GMV generated from our international commerce retail business. For fiscal year 2022, we served approximately 1.31 billion annual active consumers through our global consumer-facing businesses in the Alibaba Ecosystem, including over 1 billion in China and 305 million consumers outside China. We also serve millions of enterprises through our cloud business.

2.6.2 Outcomes of the Visit

- Participants discovered the development and thinking of enterprises in the field of science and technology.
- They learned development strategies and practical cases of information technology.
- The company is empowering the development of rural education, supporting the cultivation of innovative and entrepreneurial talents, enterprise incubation, and industrial layout.



(Participants are investigating and learning about Alibaba Group.)

2.7 Field Visit to Vocational Education Center and Technical School of Lin'an District, Hangzhou (on 21 August 2024)

2.7.1 Introduction

In September 2022, the Lin'an District Vocational Education Center relocated to its new campus at Jixian, which spans 300 acres with a total building area of 120,900 square meters. The new campus can accommodate up to 100 classes. The school was formed through the integration of six institutions: Lin'an Secondary Vocational Technical School, Jiaokou Vocational Senior High School, Lin'an Branch of Zhejiang Radio and Television University, Lin'an Teachers' Training School, Li'an Health Training School, and Lin'an Technical School. It is recognized as a National Key Secondary Vocational School, a National Advanced School in Moral Education Management, a National Defense Education Specialty School, a Zhejiang Provincial Reform and Development Demonstration School, and a Zhejiang Provincial High-Level Specialty Construction School.

The school's electronics and arts and crafts programs are provincial-level demonstration specialties, with the arts and crafts program being a provincial-level advantageous specialty. The electromechanical technology application program is a high-level construction specialty in Zhejiang Province. Additionally, the technical school's programs in mechanical equipment assembly and automatic control, machine tool cutting, and mechanical equipment maintenance are branded specialties of technical schools in Zhejiang Province.

The school integrates five key functions: secondary vocational education, higher education, technical education, community education, and social training. Its mission is "to lay the foundation for students' happy lives and serve regional economic and social development," with the goal of "high-quality further education and high-quality employment." The school implements three major initiatives: deep integration of industry and education, unified secondary and higher education, and international cooperation and exchange. The school is committed to becoming a modern, landmark secondary vocational school that serves the "Belt and Road" national strategy, rooted in Hangzhou's western Sci-Tech City and extending its influence across the Yangtze River Delta economic belt.

2.7.2 Outcomes of the Visit

Participants investigated and learned the electromechanical technology application program, the technical programs in mechanical equipment assembly and automatic control, machine tool cutting, and mechanical equipment maintenance through the introduction and explanation from the school representative.



(Participants observed classrooms at Vocational Education Center and Technical School of Lin'an)

2.8 Field Visit to Rural Revitalization Documentary Museum of Zhejiang Agriculture & Forestry University (ZAFU) (on 21 August 2024)

2.8.1 Introduction

Founded in 1958, Zhejiang Agriculture & Forestry University is a university jointly established by the Zhejiang Provincial People's Government and the Ministry of Agriculture and Rural Affairs, as well as by the Zhejiang Provincial People's Government and the National Forestry and Grassland Administration. It is also a Key Construction University and a High-level University Construction University in Zhejiang Province.

The university currently has three campuses covering an area of over 3,300 acres. It comprises 20 colleges. The university has 70 undergraduate majors, with five first-level discipline postdoctoral research mobile stations in forestry, forestry engineering, crop science, agricultural resources and environment, and agricultural and forestry economics and management, as well as six doctoral degree authorization points. The university possesses six national-level innovation platforms, including the National Key Laboratory, the National Engineering Research Center, and the National Grain Industry Technology Innovation Center.

Having developed into a multi-disciplinary university characterized by agriculture, forestry, biology, and environmental disciplines, Zhejiang A&F University currently enrolls 18,315 full-time undergraduate students, 5,049 graduate students, and 998 international students. It enrolls a staff of 2,366, including one academician from the Chinese Academy of Engineering, six shared academicians, and three special-grade experts in Zhejiang Province.

The university actively engages in international exchanges and cooperation, having signed cooperation agreements with over 100 universities and research institutions in countries such as the UK, the US, Canada, and Australia, to carry out academic exchanges, joint school-running, scientific research, and other activities.

In the new era, the university will uphold the school motto of “seeking truth and dedication”, promote the spirit of “perseverance and continuous transcendence”, and practice the concept of “lucid waters and lush

mountains are invaluable assets”. With moral education and talent cultivation as its foundation and strengthening agriculture as its mission, focusing on the goal of “Double First-Class” (world-class universities and first-class disciplines), stimulating creative tension, to strive to achieve the goal of building a high-level ecological research university with distinctive regional characteristics.



(Photo of Participants and Management team of ZAFU)



(Participants visited Rural Revitalization Documentary Museum of ZAFU)

2.8.2 Outcomes of the Visit

- Participants investigated and learned the rural revitalization in the context of the digital era for educational innovation, skill talent training, and skills by observing each project.
- The university’s representative shared the innovative practice of education to promote rural sustainable development.

2.9. Field Visit to E-commerce Village of Bainiu Village, Changhua Township (on 22 August 2024)

2.9.1 Introduction

Bainiu Village is located on the western side of Changhua Town, covering an area of 12.4 square kilometers. The village has a long history of commercial prosperity and has traditionally served as a key hub for the circulation of goods between western Zhejiang and southern Anhui, fostering a rich mercantile culture.

In recent years, leveraging the growth of the e-commerce industry, Bainiu Village has revitalized its traditional commercial culture, utilizing the internet to carve out a unique development path described as “industries in the mountains, lives in the villages, wealth from online entrepreneurship, and governance on the cloud.” The village is now home to 68 e-commerce enterprises, which have created over 400 jobs in areas such as express delivery and packaging. This has increased the villagers’ average per capita net income by more than 16,000 yuan, contributing to the creation of the “Bainiu Miracle” with an annual sales revenue of 470 million yuan. The village has received several honors, including recognition as a “China Taobao Village” and a “Zhejiang Provincial E-commerce Demonstration

2.9.2 Outcomes of the Visit

Participants discovered the history of Bainiu village which has a long history of commercial prosperity and has traditionally served as a key hub for the circulation of goods between western Zhejiang and southern Anhui, fostering a rich mercantile culture. They also learned how the village was transformed into an E-commerce hub by using the internet to develop online entrepreneurship with governance on the cloud.



(Participants were exploring Bainiu Village.)

2.10 Field Visit to Rural Homestay and Resort in Xiangjian Village, Longgang Township (on 22 August 2024)

2.10.1 Introduction

Xiangjian Village is a small, remote village nestled at an altitude of 500 meters in the heart of the Western Zhejiang Grand Canyon. The village has a population of 430, with fewer than 100 permanent residents. Despite its secluded location and underdeveloped economy, the village is surrounded by mountains and enjoys a serene, picturesque environment, resembling a poetic and idyllic retreat.

In 2015, Pan Qingqing signed an agreement to develop the entire village, marking the early beginnings of village-based scenic area operations in Lin'an. She meticulously renovated one of the village's houses into the "Xiangjian Teahouse," which she operates directly while inviting like-minded friends to invest in the other houses. The development of the homestay business has adhered to the principle of mutual benefit between the village and its residents. The village hosts various seasonal events, such as a spring tea-tasting festival, summer concerts in the canyon, a valley art festival, autumn gourmet long-table banquets, and winter storage ceremonies. Additionally, a tea cooperative was established, along with the "Xiangjian Tea Service Center." These initiatives have created a rich rural charm and cultural atmosphere, making the village a desirable destination for visitors who are inclined to stay longer. This has provided substantial financial benefits to both the village collective and its residents each year.

2.10.2 Outcomes of the Visit

- Participants inspected the new business model of rural industry development particularly hospitality service to attract tourists to the village.
- One of the village's houses was renovated into the "Xiangjian Teahouse," which is operated to serve tea testing and to sell tea products from the villagers.



(Group photos at Teahouse and Rural Homestay and Resort in Xiangjian Village)

2.11 Workshop on Rural Entrepreneurship Exchange in "World Coffee" mode (on 22 August 2024)

2.11.1 Introduction

After a field visit to the E-commerce Village of Bainiu Village, Changhua Township, and the Rural Homestay and Resort in Xiangjian Village, Longgang Township. A "World Coffee" workshop was conducted to establish idea exchanges and group discussions among SEA participants and returned

overseas Chinese entrepreneurs on rural revitalization in the digital era, and the role of TVET in sustainable rural development. Six round tables were set up for all participants to discuss different topics. Each participant had to move to a new table after five minutes. The table change continued until everyone had been at all six tables.

2.11.2 Outcomes of the Workshop

- Through interactions and group discussions with rural innovation and entrepreneurship leaders, the delegation gained a deeper understanding of Lin'an practices in harnessing overseas innovative and entrepreneurial talents to support rural revitalization.
- Participants gained a deeper understanding of the Lin'an practice of overseas innovative and entrepreneurial talents to help rural revitalization.
- Plenty of ideas and perspectives related to rural revitalization in the digital era, and the role of TVET for sustainable rural development were collected from each group.



(Group Discussions at the workshop)

2.12 Cultural Visit to the Tianmu Mountain (UNESCO Biosphere Reserve) at Yueliangqiao Village, Tianmu Township (on 22 August 2024)

2.12.1 Introduction

Yueliangqiao Village is located on the southern slope of the Tianmu Mountain National Nature Reserve and serves as a gateway to the Tianmu Mountain scenic area. It lies within the “One-Hour Transportation Circle” of Greater Hangzhou and the “Three-Hour Transportation Circle” of the Yangtze River Delta, making it geographically advantageous and easily accessible. The village covers an area of 6.8 square kilometers, with 285 households and a population of 859 people.

Leveraging its unique location and ecological advantages, Yueliangqiao Village has attracted many “new farmers” returning to start businesses. The village has developed four distinctive industrial zones: a cultural town with local charm, an ancient kiln experience area, an artisan culture zone, and a homestay district. The village’s economy has transitioned from relying primarily on the bamboo shoot industry to a new model focused on ecological agriculture and high-end homestays. Yueliangqiao Village has been recognized as a “National Civilized Village,” a “National Rural Governance Demonstration Village,” a “Zhejiang Province Nature Reserve Integration Development Village,” the “Beautiful Village of Hangzhou,” and a “Hangzhou Homestay Demonstration Village.” The “Tianmu Mountain Village” scenic area has been designated as a national 3A-level tourist attraction.



(Participants were visiting Tianmu Mountain Village)

I.12.2 Outcomes of the Visit

Participants discovered the new culture of Tianmu Mountain with local charm, an ancient kiln experience area, an artisan culture zone, and a homestay district.

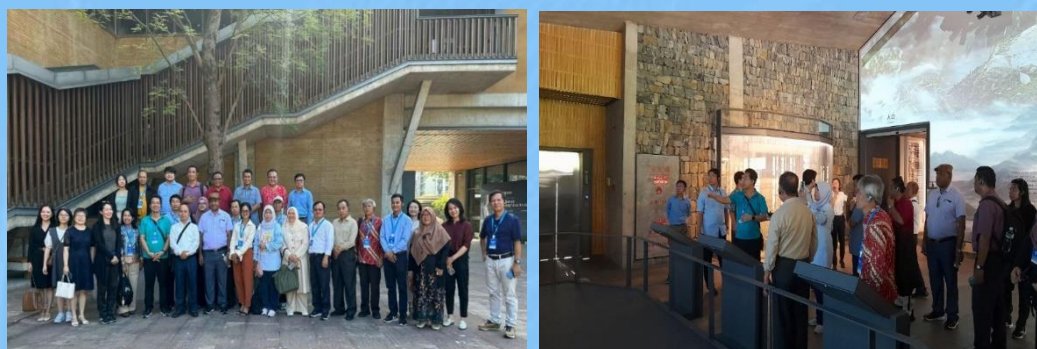
2.13 Cultural visit to Lin'an Museum (on 23 August 2024)

2.13.1 Introduction

Lin'an Museum, designed by Wang Shu, China's first Pritzker Architecture Prize laureate and Professor at the School of Architecture and Art Design, China Academy of Art, covers an area of 25,000 square meters with a building area of 10,500 square meters. With a total investment of 350 million yuan, it opened to the public on January 28, 2019.

Currently, the museum houses over 5,000 artifacts (sets), including 51 first-grade, 52 second-grade, and 304 third-grade artifacts. These artifacts, with complete series and diverse categories, reflect the historical context from the Paleolithic Age to modern times. As the birthplace and final resting place of Qian Liu, the founder of the Wu and Yue Kingdom during the Five Dynasties, Lin'an boasts the richest collection of artifacts from this period, which are irreplaceable nationwide, especially the secret-colored porcelain, white porcelain, and jade ware, which are considered treasures.

The opening of the Lin'an Museum showcases the splendid history and rich cultural heritage of the Wu and Yue Kingdoms in Zhejiang Province. It is not just a county-level museum but also a national history museum and a gene bank of Wu and Yue culture, providing the most abundant, comprehensive, and systematic window to display the culture and artifacts of the Wu and Yue Kingdom during the Five Dynasties.



(Photos at Lin'an Museum)

2.13.2 Outcome of the Visit

Participants discovered the splendid history and rich cultural heritage of the Wu and Yue Kingdoms in Zhejiang Province. They learned the most abundant, comprehensive, and systematic of the culture and artifacts of the Wu and Yue Kingdoms during the Five Dynasties by observing and listening to the guide at the museum.

2.14 Field Visit to HANGCHA Group (on 23 August 2024)

2.14.1 Introduction

HANGCHA Group is currently one of the largest forklift research, development, and manufacturing groups in China. It has evolved into a leading enterprise in China's handling equipment industry, ranking among the top 500 Chinese manufacturing enterprises, the top 500 Chinese private enterprises, and 35th in the top 500 competitive Chinese large enterprise groups. HANGCHA Group's core products are forklifts and other material handling equipment, occupying nearly a quarter of the domestic market share. For nine consecutive years, its exports have ranked first in the industry, reaching over 130 countries and regions, making it one of the largest forklift export bases in China. Located in Qingshanhu Science and Technology City, HANGCHA Group encompasses 17 enterprises, including HANGCHA GROUP Co., Ltd., Hangzhou Forklift Mast Co., Ltd., and Hangzhou HANGCHA Casting Co., Ltd.

HANGCHA GROUP Co., Ltd. is a national high-tech enterprise and a key cultivation enterprise in the equipment manufacturing industry in Zhejiang Province. It boasts a state-recognized enterprise technology center, a nationally accredited laboratory, a key enterprise research institute in Zhejiang Province, a provincial-level high-tech R&D center, a provincial industrial vehicle engineering technology R&D center, a provincial smart industrial vehicle academician workstation, and a postdoctoral research workstation. The company has developed a comprehensive product portfolio spanning from 1-48-ton internal combustion forklifts, 0.75-18-ton battery-powered forklifts, container-specific forklifts, 45-ton container front lifts, tractors, carts, fork trucks, off-road forklifts, telescopic arm forklifts, aerial work platforms, and various AGV (Automated Guided Vehicle) smart industrial vehicles, totaling tens of thousands of models and specifications. Its independently developed new products have won numerous national machinery industry awards, provincial and municipal science and technology progress awards, and the title of "Nationally Satisfied Product by Users." Its leading products have been granted national export exemption qualifications. In 2023, the company's total output value reached 21.794 billion yuan.

2.14.2 Outcomes of the Visit

- Participants inspected the productivity line of the company and found out the skills needed for productivity.
- The company has branches in some SEA countries such as Indonesia, Malaysia, and Thailand. They welcome the internship and workforce of students from relevant technical and vocational colleges.



(Participants listening to HANGCHA Group's representative explaining about the company)

2.15 Field Visit to XIZI Elevator Co., Ltd.

2.15.1 Introduction

XIZI Elevator Co., Ltd. is a comprehensive elevator manufacturing enterprise integrating research and development, manufacturing, sales, installation, and after-sales service. With over 40 years of professional experience in the elevator industry, the company boasts three major platforms: a technology research and development center, an intelligent manufacturing center, and a quality inspection center. The enterprise has developed over 20 types of elevator products across eight major series, including small machine room passenger elevators, inorganic tenant elevators, home elevators, panoramic elevators, medical elevators,

cargo elevators, escalators, and moving walkways, catering to a wide range of settings such as residences, hotels, commercial buildings, industries, hospitals, and public transportation systems like subways. It has cumulatively provided services to over 70 countries and regions worldwide.

Up to now, the enterprise has received numerous accolades, including “Green Factory,” “Top Ten Suppliers of Elevators for National Government Procurement,” “AAA-Grade ‘Contract-Honoring and Promise-Keeping’ Enterprise in Zhejiang Province,” and “Top 100 Enterprises in Hangzhou’s Manufacturing Industry (Digital Economy).” It has also been certified as a “High-tech Enterprise,” “Made in Zhejiang,” and established the “Zhejiang XIZI Smart Elevator Research Institute.” Its leading products have obtained market access certifications such as the CE certification for the European Union market and the EAC certification for Russia, while also holding a national A1-level special equipment production license (covering installation, repair, and modification). In 2023, the enterprise’s total output value reached 2.25 billion yuan.

2.15.2 Outcomes of the Visit

- Participants learned the detailed workflow of the technology research and development center, an intelligent manufacturing center, and a quality inspection center of the company.
- Through this visit, they reflected on the skills needed for each center of the company.



(Representative of XIZI Elevator Co., Ltd. introducing the company to participants)

2.16 Programme Closing Symposium under the theme: Partnership for Education for Rural Development and TVET Leadership and Management Benchmarking Programme

2.16.1 Introduction

In the morning of August 23, 2024, the Partnership Meeting for Education for Rural Development and TVET Leadership and Management Programme Closing Ceremony was held in Lin’an, Hangzhou. Prof. ZHOU Zuoyu, Director of UNESCO INRUELD, Mr. Khat Prumsochetra, Deputy Director of SEAMEO TED, Ms. AN Yan, Deputy Secretary General of China Education Association for International Exchange and Ms. QIAN Meixian, Director of the Standing Committee of the Lin’an District People’s Congress, delivered welcome remarks. Dr. ZHAO Yuchi, Executive Director of UNESCO INRUELD, Ms. XU Lingdi, Chairman of the Hangzhou Municipal Federation of Returned Overseas Chinese, and Ms. CHEN Na, Director of the United Front Work of Lin’an District, Hangzhou, attended the meeting. Representatives of Lin’an District Agriculture and Rural Affairs Bureau and Education Bureau and ZAFU shared related work on promoting “education for rural development”.

At the meeting, representatives from five Southeast Asian countries, including Ms. Sreng Kanha from Cambodia, Ms. Supriatin Dra from Indonesia, Ms. Intan Keristina binti Mohd Yusop from Malaysia, Dr. Jutamanee Kraikunasai from Thailand, and Asso. Prof. Dr. Vu Van Phong from Vietnam shared their reflections and summaries of the programme. At the meeting, the ZAFU, Lin’an District Vocational Education Centre, and 2 local enterprises signed memorandums of cooperation with Southeast Asian partners.



(Photos of the Closing Ceremony)

2.16.2 Agenda

The symposium was divided into five sessions:

1. Welcome Remarks and Introduction

- Opening Video: “Returned Overseas Chinese Entrepreneurs Lighting Up the Villages” Project
- Mr. Yang Guozheng, Chairperson of Lin’an District Government, Hangzhou
- Representative, Hangzhou Municipal Federation of Returned Overseas Chinese
- Prof. Zhou Zuoyu, Vice President, Beijing Normal University, Director, UNESCO INRULED
- Mr. Khat Prumsochetra, Deputy Director, SEAMEO TED
- Ms. AN Yan, Deputy Secretary General, China Education Association for International Exchange.

2. MoU Signing Ceremony

- SEA University with ZAFU
- Lin’an TVET centre with SEA TVET schools
- Local Enterprises with SEA TVET schools

3. Actions and Practices for Education for Rural Development

- Representative, Chairperson of the Returned Overseas Chinese Federation, Lin’an District, Hangzhou
- Representative, Education Bureau, Lin’an District, Hangzhou
- Representative, School of Continuing Education, Zhenjiang Agriculture and Forestry University

4. Reflections and Exchanges from five SEA countries representatives

5. Summary by Mr. Robert Parua, Education Specialist, UNESCO Regional Office for East Asia

2.16.3 Key Highlights

- International exchanges and cooperation among schools from SEA countries and between schools in China and schools from SEA countries in the field of TVET and education for rural revitalization must be promoted.
- Through mutual learning and exchanges, capacity development, partnership building, and networking, the programme serves to promote collaborative efforts for a brighter future for TVET and rural development and accelerate the realization of the United Nations 2030 Agenda.
- The needs and challenges of transformation, and the response and contribution of vocational and technical education to the sustainable development of rural areas.
- Learning about rural revitalization in the context of the digital era for educational innovation, skill talent training, and skills.
- The three dimensions of sustainable development – the economic, environmental, and social have been found integrated in rural development in China.
- The five pillars of sustainable development: People, Planet, Prosperity, Peace, and Partnerships are keys for any development agenda anywhere.
- Government initiatives, talent training, returned overseas talents to build entrepreneurship in their hometown, and partnerships between public and private sectors are fundamental for rural development.
- Using local resources with creativities to promote rural development.
- China has a very good model of E-commerce development particularly with agricultural products in rural areas to lessons learned for SEA countries.
- Schools and skills training centers must work closely with local enterprises to align their curriculum with job markets.

MoU Signing Ceremony

Throughout the whole programme, 18 MoUs were facilitated to be signed between Chinese schools/universities/enterprises and SEA countries' schools/universities for future collaborations



(Photos of MoU Signing Ceremony)

List of MoUs

No	Chinese Institutions and Enterprises	SEA Institutions	MoU
1	Zhejiang A&F University	1. Universitas Pendidikan Indonesia 2. Southeast Bangkok University 3. Ho Chi Minh City University of Technology and Education	Signed
2	Lin'an Vocational Education Center	4. Universitas Pendidikan Indonesia 5. Thai -Tech Group 6. Samutprakan Technological College 7. Sahavith Business Administration Technological College 8. Attawit Commercial Technology College 9. SMK Global Teknologi 10. SMKS Global Teknologi Bekasi-Indonesia	Signed
3	Hangzhou First Applied Material CO., LTD.	11. Southeast Bangkok University 12. Universitas Pendidikan Indonesia 13. Samutprakan Technological College 14. Thai-Tech Group	Signed
4	Zhejiang Ally First Optical Fiber and Cable CO	15. Universitas Pendidikan Indonesia 16. Samutprakan Technological College 17. SMKS Global Teknologi Bekasi-Indonesia	Signed
5		18. Universitas Pendidikan Indonesia and Attawit Commercial Technology College	Signed

III. Conclusion

The 7-day programme of TVET Leadership and Management Benchmarking (batch II) at both Beijing and Hangzhou was successfully completed with fruitful results. Two symposia, one forum, three cultural visits, 18 signed MoUs, and 9 field visits have been achieved. All participants have gained and shared knowledge, expertise, experiences, and best practices related to TVET's roles in promoting rural development in the digital era.

Through mutual learning and exchanges, capacity development, partnership building, and networking, the programme serves to promote collaborative efforts for a brighter future for TVET and rural development and accelerate the realization of the United Nations 2030 Agenda.

SEAMEO TED will work more actively in matching and coordinating China and ASEAN technical and vocational education and training (TVET) for mutual benefits and prosperity to achieve the year of people-to-people exchange in 2024.

IV. List of Participants and Coordinators

4.1 From Chinese Institutions

No	Name	Position and Affiliation
1	Prof. ZHOU Zuoyu	Vice President of Beijing Normal University; Director of UNESCO INRULED
2	Prof. Bin BAI	Deputy Director, Institute of Vocational and Adult Education, Beijing Normal University
3	Prof. LI Yanyan	Deputy Director of Beijing Key Laboratory of Educational Technology, Deputy Director of Smart Learning Institute of Beijing Normal University, Chief Expert of the National Key Project of Next-Generation Artificial Intelligence
4	Ms. AN Yan	Deputy Secretary-General, China Education Association for International Exchange
5	Mr. Robert Parua	Education Specialist, UNESCO Regional Office for East Asia
6	Mr. Libing Wang	Chief of the Section for Education, UNESCO Regional Office in Bangkok, Thailand
7	Dr. ZHAO Yuchi	Executive Director, UNESCO INRULED
8	Dr. QI Xinjian	Programme Specialist at UNESCO INRULED
9	Ms. FANG Yuan'an	Programme Coordinator, UNESCO INRULED

4.2 From SEAMEO TED

No	Name	Position and Affiliation
1	Mr. Khat Prumsochetra	Deputy Director, SEAMEO TED
2	Mr. Rien Chamrong	Vice Head of Public Relations and Partnership Division, SEAMEO TED

4.3 From SEA Countries

No	Name	Position and Affiliation
1	Mr. Chan Sopheap	Dean of Faculty of Electronics, National Polytechnic Institute of Cambodia
2	Mr. Mom Say	Head of Academic Office, National Polytechnic Institute of Cambodia (NPIC)
3	Mr. Sokmean Leap	School Principal of HUN SEN-ROTA Khsach Kandal General and Technical High School
4	Miss. Sreng Kanha	Head of Education Office, Saint Francois General Knowledge, and Private Technical High School
5	Mr. Kim Seak Heng	Senior Officer of Department of Higher Education Management, Ministry of Education Youth and Sport

6	Prof. Dr. Muhammad Solehuddin	Rector of Universitas Pendidikan Indonesia
7	Prof. Dr. Iwa Kuntadia, M.Pd	Profess/Dean of Technology and Vocational Education, Universitas Pendidikan Indonesia
8	Prof. Dr. Hj. Ana, S.Pd.,M.Pd	Vice Dean of Faculty of Technical and Vocational Education, Universitas Pendidikan Indonesia
9	Dr.Iwan Kustiawan, Ph.D	Head of Electrical Engineering Study Program and Head of TVET Research Centre, Universitas Pendidikan Indonesia
10	Ms. Supriatin Dra	Chairman, SMK Global Teknologi
11	Mr. Mohd Asyraf Bin Md. Sum	Deputy Director, Department of Polytechnic and Community College Education Malaysia
12	Sazuan Nazleen Binti Mohd Azam	Director, Ampang Community College, Department of Polytechnic and Community College Education, Ministry of Higher Education Malaysia
13	Mr. Haji Hamzah Ahmad Fakhrurazi	Director, Lahad Datu Vocational College
14	Mr. Suibol Christopher	Deputy Director, Sandakan 2 Vocational College
15	Dr. Juliana Yew Ik Hoon	Excellent Teacher, Sejingkat Technical High School, Sarawak, Malaysia
16	Intan Keristina binti Mohd Yusop	School Coordinator, Kolej Vokasional Sungai Buloh
17	Dr. Carina C. Untalasco	Dean, Bulacan State University – Hagonoy Campus
18	Dr. Gonzales Mary Jane	Principal Iv, Deped-Padre Garcia Integrated National High School
19	Dr. Pattarada Rungruang	Vice President of Attawit Commercial Technology College
20	Dr. Jutamanee Kraikunasai	Director of Sahavith School -Sahavith Business Administration Technological College
21	Mrs. Puttachard Suphalucksana	Director of Center for International Education Promotion, Thaksina Business Technological College
22	Miss Orn-uma Wiwattarangkul	Director of Samutprakarn Technological College
23	Mr.Narongkorn Seejan	Head of Industrial Department of Eastern Technological College (E.Tech)
24	Assoc. Prof. Dr.VU VAN PHONG	Deputy Director of Science Technology Office, Ho Chi Minh City University of Technology and Education
25	Asso. Prof. Dr. Le My Ha	Vice Dean of Faculty of Electrical Electronic Engineering, Ho Chi Minh City of University of Technology and Education
26	PHAN Bao An	University Council Chairman, University of Technology and Education, The University of Danang

V. Focal Points of the Programme

Mr. Suong Saruon

Head of Public Relations Partnership Division

SEAMEO TED

Email: saruonabc@gmail.com

Telegram/WhatsApp: +85516395899

Mr. Rien Chamrong

Vice Head of Public Relations and Partnership Division

SEAMEO TED

Tel: 016 402 044

Email: chamrongrien@gmail.com

Telegram/WhatsApp: +85516402044

Dr. Qi Xinjian

Programme Specialist

UNESCO INRULED, Beijing, China

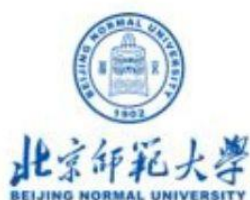
E-mail: qi.xinjian@qq.com, qixj@inruled.org

Ms. FANG Yuan'an

Programme Coordinator

UNESCO INRULED, Beijing, China

E-mail: fangya@inruled.org



TVET LEADERSHIP AND MANAGEMENT BENCHMARKING PROGRAMME (BATCH II)