

CHINA-SOUTHEAST ASIA CAPACITY-BUILDING WORKSHOP:  
**TRANSFORMING TVET AND ADULT EDUCATION  
FOR SUSTAINABLE RURAL DEVELOPMENT**

**PROGRAM PROCEEDINGS**



13-18 JUNE 2024  
**BEIJING AND NINGBO**  
**THE PEOPLE'S REPUBLIC OF CHINA**



## This workshop is supported by:

- Beijing Normal University
- Secretariat of the National Commission of the People's Republic of China for UNESCO
- China Education Association for International Exchange
- Ningbo Education Bureau

## Organized by:

- UNESCO International Research and Training Centre for Rural Education
- Ningbo Institute of Vocational and Adult Education
- Southeast Asian Ministers of Education Organization Regional Centre for Technical Education Development (SEAMEO TED)
- UNESCO Regional Office for East Asia
- Institute of Vocational and Adult Education, Beijing Normal University

## Co-organized by:

- China Institute of Education and Social Development, Beijing Normal University
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- UNESCO Chair on Artificial Intelligence in Education



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## I. Executive Summary

- The Chinese government focuses on TVET development because it ranks No.1 in terms of labor force provision, followed by India and ASEAN with massive manufactures and skilled talents. The rural areas of China have a variety of resources which can be cultivated adapting to their local contexts and needs by offering comprehensive skills training to farmers.
- Because of unbalanced development between urban and rural areas, the rural revitalization strategies have been implemented setting out One College Student per Village to focus resources to the rural area, expanding to 29 provinces. The program motivated a 96-year-old learner to graduate the course successfully. The target participants are ethnic groups, senior farmers, veterans, retired soldiers with 75.74% focusing on agricultural field. After graduation, 30% was self-employed to be independent entrepreneurs. 90% still stayed at their locality, without moving out.
- In the future, Haitian Group will set up its branches in Indonesia and Vietnam requesting the participants from Indonesia and Vietnam to cooperate in providing workers for them. Haitian Group stressed that the high quality of employment didn't mean a well-paid job, but career development for workers constantly is more important. They need the well-trained workers who are committed to be professionally trained by the company. Professional development programs are crucial to retain talented workers.
- Following the lifelong learning policy, there are 135 adult learning centers offering skills training programs. As part of reskilling and upskilling programs, some senior farmers as adult learners are selected for further studies as part of professional development programs consistently. The main purpose is to enable them to keep updated with technological innovation and new policies and frameworks set by the government.
- There is a good cooperation between schools, students, and media for online training courses for senior farmers. The media always broadcast all training activities ranging from kickoff, graduation, and skills competitions for the public awareness. 12 branches focus on agricultural fields that after graduation, their incomes increase by 20%.
- The polytechnic enables students to have a mindset of entrepreneurship by integrating technical, digital, and entrepreneurship skills into the curriculum. Students are good at research and development by closely working with their respective professors. At least 50 research papers written by students are published annually. The polytechnic focuses its training programs on *Needs* rather than *Wants*. *Needs* means that engaging relevant stakeholders to work together consisting of industries, schools, and local governments. *Wants* means that we want the same standard from different industries for skills development and cultivation. It is hard to have a common standard that was recognized by different industries as their occupational skills require different competencies and qualifications. After understanding well with each other among our stakeholders, we focus on *Wants* which is a common standard of skills and occupations.

## II. Activities

### 2.1 Symposium: Transforming TVET and Adult Education for Sustainable Development

#### 2.1.1 Introduction

In cooperation with Beijing Normal University (BNU) and China Educational Association for International Exchange (CEAIE), and UNESCO International Research and Training Centre on Rural Education, SEAMEO TED has co-organized China-Southeast Asia Capacity-Building Workshop: Transforming TVET and Adult Education for Sustainable Rural Development at Beijing Normal University on 13 June 2024. The workshop was participated by 25 participants as policy makers of education ministries, TVET experts, and school management from 8 ASEAN countries namely Brunei Darussalam, Cambodia, Indonesia, Malaysia, the Philippines, Singapore, Thailand, and Vietnam. Some representatives from local and international organizations also joined the workshop with a total of 72 offline participants and over 10,000 online participants. The workshop aims to achieve the following objectives consisting of (1) sharing best practices, lessons learnt, and educational policies regarding TVET and adult education and its impacts on rural sustainable development in Southeast Asia and China; (2) reflecting on how stakeholders in skills development including vocational-technical high schools/colleges government agencies, and industrial partners, can collaborate to scale up skills among students and learners in rural areas; and (3) enhancing closer cooperation and collaboration in implementing future projects on skills transformation for rural schools in Southeast Asia.



(Opening Ceremony of the Workshop)



(Opening Remarks by Dr. Songheang Ai, Director of SEAMEO TED)

#### 2.1.2 Agenda

The workshop had three sessions as follows:

##### 1. Opening Ceremony

- Prof. Wu Yujun, Director of International Exchange and Cooperation Office of Beijing Normal University
- Dr. Songheang Ai, Director of SEAMEO TED
- Mr. Zhang Songyun, Director of the Education Division, National Commission of the People's Republic of China for UNESCO

## **2. Keynote Presentation**

- Mr. Robert Parua, Education Program Specialist, UNESCO Regional Office for East Asia
- Ms. Zhao Ye, Deputy Director, Technical and Vocational Education and Training Department of the China Education Association for International Exchange (CEAIE)
- Prof. Bai Bin, Deputy Director, Institute of Vocational and Adult Education, Beijing Normal University

## **3. Country Reports on TVET and Adult Education Policies**

- China: Ms. Wang Yifan, Chief, Office of Service and Guidance Center for Learning Society Construction in Shanghai; Chief, Community Education Department, Shanghai Open University; Deputy Director, Working Committee for Promoting Learning Communities, Shanghai Adult Education Association
- China: Mr. Li Guangdui, ESD program Specialist and Head of Research and Training Program, China Zigen Rural Education and Development Association
- Brunei: Ms. Munirah Afirah DP Haji Othman, Acting Assistant Director, Deputy Chief Executive Officer (Corporate) at the Institute of Brunei Technical Education, Ministry of Education, Brunei Darussalam
- Cambodia: Mr. Hang Chansovan, Deputy Director of the Non-Formal Education Department and Deputy Secretary General of Secretariat General, National Committee for Lifelong Learning
- Indonesia: Mr. Meidhi Alkibzi, Head of Program, Data and Evaluation, Directorate of Vocational Secondary School, Directorate General of Vocational Education, Ministry of Education, Culture, Research, and Technology, Republic of Indonesia
- Malaysia: Ts. Abdul Razak Sabtu, Director of Governance and Excellence Division, Department of Polytechnic and Community College Education, Ministry of Higher Education
- The Philippines: Mr. Ariz Delson Acay D. Cawilan, Director IV, Bureau of Learning Resources
- Singapore: Dr. Derek Yeo, Divisionary Director, Continuing Education and Training (CET) of Institute of Technical Education
- Thailand: Dr. Issariya Woraphiphat, Director, Siam Business Administration technological College
- Vietnam: Dr. Hoang An Quoc, Head of Science Technology Office, Ho Chi Minh City University of Technology and Education

### **2.1.3 Workshop Highlights**

The presentations and speeches come out with some key takeaway messages as follows:

- The workshop is aligned with the Global 2030 agenda prevailing the global partnership for sustainable development. In China, education and training link with poverty alleviation with skills provision in regard to sustainable development.
- 267 million people are youth not in employment, education, and training (NEET) globally. However, 6.7 million unemployed workers in the ASEAN region went into economic inactivities. A share of

NEET youth increased between 2019 and 2020 in large parts of ASEAN including Indonesia, Singapore, Thailand, and Vietnam in 2021. This might be due to job opportunities, education access, and personal characteristics.

- 70% of TVET students in China is from rural areas requiring to skill them to be employed, self-employed, or further studied.
- The Chinese government has built 33 Luban workshops in 27 countries recently. Up until 2023, three Luban workshops were established in Cambodia, Indonesia, and Thailand. By the end of 2024, six Luban workshops will be established in the ASEAN region to support skills cultivation and development.
- The Chinese government focuses on TVET development because it ranks No.1 in terms of labor force provision, followed by India and ASEAN with massive manufactures and skilled talents. The rural areas of China have a variety of resources which can be cultivated adapting to their local contexts and needs by offering comprehensive skills training to farmers.
- The people living in the rural areas in China are not learnt competently like the people living in the urban areas so that Shanghai Open University formulated construction-oriented community called learning-oriented countryside. We don't only provide skills training for rural people, but also link the traditional culture of each countryside with skills training.



(Group Photo of all participants with Madam vice president of the Open University of China and her colleagues)

## 2.2 Visiting Open University of China

### 2.2.1 Introduction

On 13 June 2024, the 25 ASEAN participants from 8 countries paid an official visit to Open University of China in Beijing for purposes to (1) strengthen cooperation and partnership; and (2) to learn some relevant projects on skills development and rural revitalization. The delegation was warmly welcomed by the vice president of the University. After the presentation of each unit of the university, some interaction and discussion took place under a coordination of Dr. Songheang Ai.



(Discussion and Q&A Session)

### 2.2.2 Key Highlights

Some takeaway messages emerged during the presentation and discussion for consideration as follows:

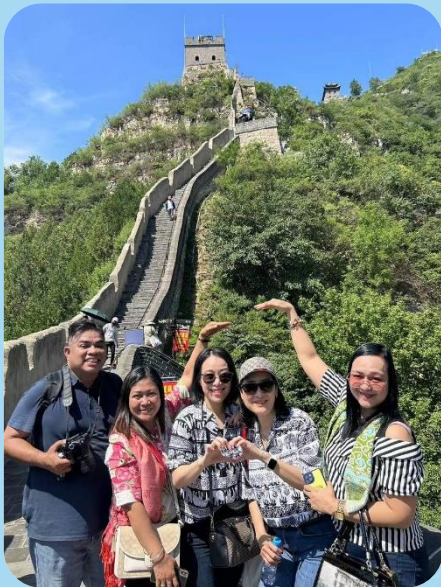
- Because of unbalanced development between urban and rural areas, the rural revitalization strategies have been implemented setting out One College Student per Village to focus resources to the rural area, expanding to 29 provinces. The program motivated a 96-year-old learner to graduate the course successfully. The target participants are ethnic groups, senior farmers, veterans, retired soldiers with 75.74% focusing on agricultural field. After graduation, 30% was self-employed to be independent entrepreneurs. 90% still stayed at their locality, without moving out.
- Adult learning center was established in 2006. It focuses on skills provision for adult learners in the rural areas. Now there are 16 learning centers in cooperation with TVET colleges and universities. Each center has good cooperation with industries nearby for student practicum and observation. There is an impetus for youth to volunteer to work for the center. For example, there 642 part-time tutors in addition to 18 full-time tutors.



(Group Photo of All Participants at the Great Wall)

## 2.3 Cultural Visit to Great Wall in Beijing City

On the 14<sup>th</sup> June 2024, the 25 ASEAN participants visited Great Wall to experience the UNESCO world heritage center. The Great Wall was continuously built from the 3rd century BC to the 17th century AD on the northern border of the country as the great military defense project of successive Chinese Empires, with a total length of more than 20,000 kilometers. The Great Wall begins in the east at Shanhaiguan in Hebei province and ends at Jiayuguan in Gansu province to the west. Its main body consists of walls, horse tracks, watch towers, and shelters on the wall, and includes fortresses and passes along the Wall.



(Participants Being Ready to Climb Great Wall)



(Participant Relaxing after Climbing for a While)



(Discussion on Cyberlearning Intelligent Technology)

## 2.4 Visiting National Engineering Laboratory for Cyberlearning Intelligent Technology

### 3.4.1 Introduction

On 14<sup>th</sup> June 2024, the 25 ASEAN participants visited National Engineering Laboratory for Cyberlearning Intelligent Technology at BNU Changping Campus on 14 June, 2024 in purposes to (1) understanding the cyberlearning intelligent technology of Beijing Normal University (BNU); (2) extend cooperation on cyberlearning intelligent technology; and (3) seek possibility for teachers and student exchange programs.



(Dr. Ai facilitated the discussion)

### 3.4.2 Key Highlights

Some takeaway messages emerged during the presentation and discussion for consideration as follows:

- National Engineering Laboratory for Cyberlearning Intelligent Technology focuses on the sharing of high-quality educational resources and the urgent needs of intelligent educational resources to construct a research platform for cyberlearning intelligent technology.
- It supports Interactive System for Distance Education, Knowledge Modeling and Analysis, Learner Modeling and Learning Analytics, Design and Assessment of Learning Environment, Systematic Education Governance as well as other technological R&D and engineering.
- Its mission is to promote the construction of “Internet + Education”. It also improves the capacity of industrial innovation and services, implement the service mode of new type of education, and promote equality and quality in education as well as individualized development of students
- It aims to cultivate high-level talents in digital learning technology. The center plays a bridging role in the transformation of scientific research achievements and practical application, promotes the development of China’s digital learning technology and practice, and serves the construction of a lifelong learning system for all.



## 2.5 Experience Sharing and Exchange between Chinese and ASEAN Educational Practitioners

### 2.5.1 Introduction

On the 16th June 2024, the symposium sharing experiences and exchange between Chinese and ASEAN educational practitioners on “Industry-Education Collaborative Development” was held on 16 June 2024 in Ningbo City for purposes to (1) learn the industrial needs and school needs in terms of labor market demands; (2) partner between ASEAN schools and Chinese enterprises that have their branches located in any ASEAN country for talent cultivation and skills provision; and seek possibilities for cooperative activities in the future.



(View of Symposium Participants)

### 2.5.2 Workshop Agenda

The workshop has five sessions as follows:

1. Opening Ceremony
  - Mr. Wang Fei, Deputy Director of Ningbo Education Bureau
  - Ms. An Yan, Deputy Secretary-General, China Education Association for International Exchange (CEAIE)
  - Mr. Dr. Zhao Yuchi, Executive Director, UNESCO INRULED
2. Keynote Presentation
  - Dr. Songheang Ai, Director of SEAMEO TED
  - Mr. Chen Shudong, Dean of Ningbo Institute of Vocational and Adult Education
3. MoU Signing Ceremony between Chinese Polytechnic and Enterprises, and ASEAN Schools
4. Country Presentation: Best Practices of TVET and Adult Education
5. Ningbo-Southeast Asian TVET Institute and Enterprise Cooperation Matching Forum
  - Introduction of Ningbo Enterprises and Schools
  - School-Enterprise Exchange Dialogue
  - Signing MoUs between Ningbo Enterprises, Ningbo Schools and Colleges, and ASEAN Schools

### 2.5.3 Key Highlights

Some takeaway messages emerged during the presentation and discussion for consideration as follows:

- The symposium engaged 10 industrial representatives and more than 10 Chinese polytechnics and colleges along with some TVET colleges, polytechnics and university from the ASEAN region. We noticed 29 MoU signed between Chinese schools and ASEAN schools, and between Chinese industries and ASEAN schools to extend partnership and cooperation.
- Ningbo applies successfully a rigorous model for public-private partnership as the schools and industries are near with each other being easy for them to mobilize resources back and forth to support skills training and provision. Industries provide schools with strong supports in terms of required resources. In response, schools provide skills training responding to the industrial needs and requirements.
- Following the lifelong learning policy, there are 135 adult learning centers offering skills training programs. As part of reskilling and upskilling programs, some senior farmers as adult learners are selected for further studies as part of professional development programs consistently. The main purpose is to enable them to keep updated with technological innovation and new policies and frameworks set by the government.
- There is a close link among stakeholders such as high schools, universities, polytechnics, government, and industries for skills training. A model of one-year secondary school students studying at companies/factories as part of job shadowing is effective to cultivate skills linking between theories and practices.
- There is a good cooperation between schools, students, and media for online training courses for senior farmers. The media always broadcast all training activities ranging from kickoff, graduation, and skills competitions for the public awareness. 12 branches focus on agricultural fields that after graduation, their incomes increase by 20%.
- Haitian Group manufacturing machinery, plastics, motor, grain, spare parts need more workers from ASEAN countries. In the future, Haitian Group will set up its branches in Indonesia and Vietnam requesting the participants from Indonesia and Vietnam to cooperate in providing workers for them. Haitian Group stressed that the high quality of employment didn't mean a well-paid job, but career development for workers constantly is more important. They need the well-trained workers who are committed to be professionally trained by the company. Professional development programs are crucial to retain talented workers.
- Sunrise Technology producing coffee bar need more workers from ASEAN countries. For example, they need 50 Thai workers, 100 Vietnamese workers, and 100 Indonesian workers. However, they might need unskilled workers as students because they will provide them with on-the-job training.



(Student Performance and Dances)

### 3.5.4 MoU Signing

29 MoUs Signed between Chinese Schools and Enterprises, and ASEAN Schools on 16 June 2024 , Ningbo City.

| No. | Organization                                                        | Organization                                                        | MoU    |
|-----|---------------------------------------------------------------------|---------------------------------------------------------------------|--------|
| 1   | Ningbo Institute of Vocational and Adult Education (China)          | SEAMEO TED                                                          | Signed |
| 2   | Asian Pacific Consortium of Researchers and Educators (Philippines) | SEAMEO TED                                                          | Signed |
| 3   | Sandakan 2 Vocational College (Malaysia)                            | SEAMEO TED                                                          | Signed |
| 4   | Ho Chi Minh City University of Technology and Education (Vietnam)   | SEAMEO TED                                                          | Signed |
| 5   | Universidad De Manila (Malaysia)                                    | SEAMEO TED                                                          | Signed |
| 6   | Lyceum of the Philippines University (Philippines)                  | SEAMEO TED                                                          | Signed |
| 7   | Universidad De Manila (Philippines)                                 | Siam Business Administration Technological College (Thailand)       | Signed |
| 8   | Siam Business Administration Technological College (Thailand)       | Asian Pacific Consortium of Researchers and Educators (Philippines) | Signed |
| 9   | Siam Business Administration Technological College (Thailand)       | Lyceum of the Philippines University (Philippines)                  | Signed |
| 10  | Siam Business Administration Technological College (Thailand)       | Quezon City University                                              | Signed |
| 11  | Ho Chi Minh City University of Technology and Education (Vietnam)   | Asian Pacific Consortium of Researchers and Educators (Philippines) | Signed |
| 12  | Ho Chi Minh City University of Technology and Education (Vietnam)   | Lyceum of the Philippines University (Philippines)                  | Signed |

|    |                                                                                   |                                                               |        |
|----|-----------------------------------------------------------------------------------|---------------------------------------------------------------|--------|
| 13 | Ningbo Polytechnic (China)                                                        | Siam Business Administration Technological College (Thailand) | Signed |
| 14 | Ningbo Polytechnic - Haitian Plastics Machinery Co., Ltd (China)                  | SMK Taruna Sakti Purwakarta (Indonesia)                       | Signed |
| 15 | Ningbo Polytechnic - Haitian Plastics Machinery Co., Ltd (China)                  | SMK Negeri Comprang Jawa Barat (Indonesia)                    | Signed |
| 16 | Ningbo Second Technician College - Ningbo Fotile Kitchenware Co., Ltd (China)     | Siam Business Administration Technological College (Thailand) | Signed |
| 17 | Ningbo Foreign Affairs School - Loctek Ergonomic Technology Corp (China)          | Quezon City University (Philippines)                          | Signed |
| 18 | Beilun Vocational High School - Minth Group (China)                               | Siam Business Administration Technological College (Thailand) | Signed |
| 19 | Cixi Technician College - Geely Auto Group Co., Ltd (China)                       | Kuching Vocational College (Malaysia)                         | Signed |
| 20 | Ningbo Second Technician College - Ningbo Jintian Copper (Group) Co., Ltd (China) | Quezon City University (Philippines)                          | Signed |
| 21 | Cixi Technician College - Ningbo Sunrise ELC Technology Co., Ltd (China)          | Quezon City University (Philippines)                          | Signed |
| 22 | Cixi Technician College - Ningbo Sunrise ELC Technology Co., Ltd (China)          | SMK Taruna Sakti Purwakarta (Indonesia)                       | Signed |
| 23 | Ningbo Second Technician College - RAVO Group                                     | Sandakan 2 Vocational College (Malaysia)                      | Signed |
| 24 | Ninghai Vocational Education - Center - Qijing Machinery Co., Ltd. (China)        | Sandakan 2 Vocational College (Malaysia)                      | Signed |
| 25 | Ninghai Vocational Education Center - Qijing Machinery Co., Ltd. (China)          | Universidad de Manila (Philippines)                           | Signed |
| 26 | Zhejiang Fashion Institute of Technology - Seduno Group Co., Ltd (China)          | Kuching Vocational College (Malaysia)                         | Signed |
| 27 | Zhejiang Fashion Institute of Technology - Seduno Group Co., Ltd (China)          | Lyceum of the Philippines University (Philippines)            | Signed |
| 28 | Ningbo Second Technician College - Ningbo Jintian Copper (Group) Co., Ltd (China) | Siam Business Administration Technological College (Thailand) | Signed |
| 29 | Ninghai Vocational Education Center - ijing Machinery Co., Ltd. (China)           | Siam Business Administration Technological College (Thailand) | Signed |



(MoU Signing)



(MoU Signing)



(MoU Signing)

## 2.6 Visiting Ningbo Foreign Affairs School in Ningbo City

### 2.6.1 Introduction

The 25 ASEAN participants visited Ningbo Foreign Affairs School on 16 June 2024 in purposes to (1) seek possibility for cooperation on multi-language training programs and art education; (2) experience cultural performance of Chinese arts and dances; and (3) identify the key catalyst in integrating art industries into e-commerce and school curriculum.



(Participants Watching Student Performance and Dances)

### 2.6.2 Key Highlights

Some takeaway messages emerged during the presentation and discussion for consideration as follows:

- The school has good cooperation with the art industries in skills cultivation with holistic integration of e-commerce, industrial needs, and school curriculum.
- The school has extended cooperation with over 20 universities/colleges globally as parts of teacher and student exchange programs, cultural performance and dances, etc.
- The school paved the way for ASEAN networking to share quality educational resources.

Relying on the teaching abilities of English, Japanese, German, French, Korean, Russian, Bulgarian and Italian, Ningbo Foreign Affairs School is committed to training characteristics talents who serve Ningbo's regional economy.



(Group Photo of Participants from the Port)

## 2.7 Visiting Ningbo Zhoushan Port in Ningbo City

### 2.7.1 Introduction

The 25 ASEAN participants visited Ningbo Zhoushan Port on 17 June 2024 in purposes to (1) experience sea transportation linking with vocational and technical skills requirement; (2) seek possibility for cooperation and partnership; and (3) understand the logistics and cargo management.



(Participants Watching the Port Map)

### 2.7.2 Key Highlights

Some takeaway messages emerged during the presentation and discussion for consideration as follows:

- Ningbo Zhoushan Port owns and operates most large and super-large deepwater berths in Mainland China.
- By the end of 2019, Ningbo Zhoushan Port has developed connections to more than 600 ports in 190 countries and regions, with nearly 250 trade routes, among which 120 ocean-going lines.
- The port requires multi-skilling and multi-tasking sets in order to manage its daily activities effectively. Logistics and cargo management are crucial for its operation.
- The cargo volume in Ningbo Zhoushan Port has grown rapidly since 2005. In 2019, the container of Ningbo Zhoushan Port reached 27.535 million TEUs, standing firmly in the 3rd place in the world. The total cargo reached 1.12 billion tons, ranking 1st worldwide for 11 consecutive years.
- In 2021, Ningbo Zhoushan Port became the world's third port to handle over 300 million TEUs, following Shanghai Port and Singapore Port.



(Group Photo During the Visit to Ningbo Polytechnic)

## 2.8 Visiting Ningbo Polytechnic in Ningbo City

### 2.8.1 Introduction

The 25 ASEAN participants have visited Ningbo Polytechnic on 17 June 2024 in purposes to (1) strengthen cooperation and partnership; (2) benchmark best practices; and (3) seek possibilities for co-organizing joint events in the upcoming years. The participants were put to visit each school and unit of the polytechnic, to observe the hand-on activities of students and teachers, and to interact with students and teachers as part of Q&A session for learning.



(Dr. Songheang Ai wrapped up the presentation and talks)

### 2.8.2 Key Highlights

Some takeaway messages emerged during the presentation and discussion for consideration as follows:

- The polytechnic enables students to have a mindset of entrepreneurship by integrating technical, digital, and entrepreneurship skills into the curriculum. Students are good at research and development by closely working with their respective professors. At least 50 research papers written by students are published annually.
- The polytechnic has a strong cooperation with Haitian Group that in 2003 the school trained 400 unskilled workers for Haitian Group. Recently, the polytechnic trained 2,000 students in three majors. After graduation, all of them were employed by Haitian Group in which 900 are senior management for Haitian Group now.
- The polytechnic used to apply the dual degree program with some overseas universities. For example, students study one year at their own university and one year and a half at Ningbo Polytechnic.
- The polytechnic focuses its training programs on *Needs* rather than *Wants*. *Needs* means that engaging relevant stakeholders to work together consisting of industries, schools, and local governments. *Wants* means that we want the same standard from different industries for skills development and cultivation. It is hard to have a common standard that was recognized by different industries as their occupational skills require different competencies and qualifications. After understanding well with each other among our stakeholders, we focus on *Wants* which is a common standard of skills and occupations.
- The polytechnic invited the 25 ASEAN participants to join TVET conference to be held here in September or October 2024 that relevant documents including invitations will be sent them by due date.
- The polytechnic proposed the fields of cooperation on curriculum development, digital education, teacher training programs, student and teacher exchange programs, research forum organization, artificial intelligence (AI), etc.

## 2.9 Visiting Haitian Group in Ningbo City

### 3.9.1 Introduction

On the 17<sup>th</sup> June 2024, the 25 ASEAN participants visited Haitian Group in purposes to (1) have closer connection between the schools in the ASEAN region and Haitian Group for labor force provision and capacity-building programs; (2) observe the production chain linking between theories and practices; and (3) seek possibilities for ASEAN student internship and apprenticeship programs.



(Group Photo at the Main Gate of Haitian Group)

### 3.9.2 Key Highlights

Some takeaway messages emerged during the presentation and discussion for consideration as follows:

- Haitian Group has a family-based culture that the incomes are shared to employees according to their positions, experiences, qualification, and contribution to the factory.
- The group enables employees to be innovative and creative under the supports and assistance by the group. (Participants Listening to the Presenter's Description)
- The group provides the continuous professional development programs for their existing employees as part of career development to catch up with new technologies.
- In regard to social contribution, the group donated the construction of stadium located in the downtown of Ningbo City.
- 5% of its revenue is invested in research and development (R&D) that is an innovative way to prototypes and products finally.



(A Participant Taking a picture of traditional pot at Shanglinhu Celadon Cultural Heritage Park)



(Inspecting Green House at Frey Eco Farm)

## 2.10 Visiting Rural Revitalization Base in Ningbo City

### 2.10.1 Introduction

The 25 ASEAN participants visited Frey Eco Farm, Shanglinhu Celadon Cultural Heritage Park on 18 June 2024 in purposes to (1) observe the reality of rural revitalization strategies applied at Frey Eco Farm for benchmarking; (2) verify the presentation at the 16-June symposium with the reality; and (3) seek possibilities for cooperation on any particular parts. Frey eco farm is a practical center for senior farmers in the village after studying theories at the training center.



(Checking Water Melon at Frey Eco Farm)

### 2.10.2 Key Highlights

Some takeaway messages emerged during the presentation and discussion for consideration as follows:

- Intensive farming with organic fertilizers yields mass production. The green house farm uses machinery and agricultural equipment to support planting, growing, seeding, and harvesting with a few farmers in place.
- Intensive farming saves times for harvesting and can be manageable.
- The training center is near the practical farm being visible and accessible for senior farmers. All materials, tools, equipment, and machinery are in place waiting for operators and users.
- The park's primary function focuses on industry, promoting publicity, shaping the brand and cultivating the market. It serves for cultural tourism, study tours, performing arts, catering crafts, and leisure entertainment.



(Participants Visiting ZEEKR Factory)

## 2.11 Visiting ZEEKR Factory in Ningbo City

### 2.11.1 Introduction

On the 18 June, the 25 ASEAN participants visited ZEEKR on 18 June 2024 in purposes to (1) seek possibilities for cooperation and partnership on student internship and apprenticeship; (2) link the theoretical parts and practical parts of the curriculum on Automotive and Mechanics; and (3) enhance mutual cooperation between the factory and some ASEAN schools for labor force provision.



(Participants Observing the Assembly Process)

### 2.11.2 Key Highlights

Some takeaway messages emerged during the presentation and discussion for consideration as follows:

- The factory accepted some interns from technical and vocational high schools and colleges, and polytechnic as assistant workers to support senior workers.
- Robots weld with laser precision. AI monitors quality control, and the whole place hums with cutting-edge automation.
- The factory is also pretty versatile as it has the ability to produce a stunning array of vehicles, from sedans and SUVs to MPVs and beyond.
- The factory employs a rigorous five-step quality inspection process that leaves no detail untouched. From the commercial inspection line to the final PDI line, over 3,000 individual checks ensure your car is perfect in every way.



(Participants taking photos of cutting-edge technology of kitchen tools)

## 2.12 Visiting FOTILE Group in Ningbo City

### 3.12.1 Introduction

On the 18<sup>th</sup> June, the 25 ASEAN participants visited FOTILE Group on 18 June 2024 in purposes to (1) raise the awareness of cutting-edge technology of kitchen tools produced by FOTILE group; (2) be aware of different using purposes of kitchen tools meeting the individual needs; and (3) collect the information of labor force needs and skills requirements for workers.



(Participants Operating Water Fountain Machine)

### 3.12.2 Key Highlights

Some takeaway messages emerged during the presentation and discussion for consideration as follows:

- The cutting-edge technology of kitchen tools produced by FOTILE Group is smart that can satisfy customers' needs in the new era.
- A space-saving, ergonomic solution for cleaning dishes for home bars, home cafes, small homes, RVs, and more.
- The slogan of FOTILE is "Happiness start in the Kitchen".
- FOTILE is committed to providing you with a comfortable and safe cooking space, safeguarding the health of you and your family.
- FOTILE implements a modern Confucian management model, actively participating in the promotion of traditional culture, charity, environmental protection, and other public welfare undertakings, and strives to practice corporate social citizenship.
- With its robust R&D capabilities, FOTILE has led the revision of international standards for range hoods. FOTILE has developed a culture system centered around the excellence of Chinese culture encompassing legal, developmental, ethical and philanthropic responsibilities.

### 3.12.3 Conclusion

During the 6-day program, some activities have been achieved consisting of two symposia, one cultural visit to Great Wall, 29 signed MoUs, and nine field visits. An impression was the exchange and interaction between Chinese school and enterprise representatives, and ASEAN school representatives for further activities after the program. Matching between schools, industries, and government is a key catalyst for skills development for resources sharing and mobilizing effectively.

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.



(Group Photo at National Engineering Laboratory for Cyberlearning Intelligent Technology)

### III. List of Participants and Coordinators

#### 4.1 From Chinese Institutions

| No. | Name                | Position and Affiliation                                                                                    |
|-----|---------------------|-------------------------------------------------------------------------------------------------------------|
| 1   | Prof. Wu Yujun      | Director of International Exchange and Cooperation Office, Beijing Normal University (BNU)                  |
| 2   | Mr. Zhang Songyun   | Director of the Education Division, National Commission of the People's Republic of China for UNESCO        |
| 3   | Dr. Zhao Yuchi      | Executive Director, UNESCO INRULED                                                                          |
| 4   | Mr. Wang Fei        | Deputy Director, Ningbo Education Bureau                                                                    |
| 5   | Ms. An Yan          | Deputy Secretary-General, China Association for International Exchange (CEAIE)                              |
| 6   | Mr. Zhao Ye         | Deputy Director, Technical and Vocational Education and Training Department, CEAIE                          |
| 7   | Prof. Bai Bin       | Deputy Director, Institute of Vocational and Adult Education, BNU                                           |
| 8   | Mr. Robert Parua    | Education Program Specialist, UNESCO Regional Office for East Asia                                          |
| 9   | Ms Wang Yifan       | Deputy Director, Working Committee for Promoting Learning Communities, Shanghai Adult Education Association |
| 10  | Mr. Chen Shudong    | Dean, Ningbo Institute of Vocational and Adult Education                                                    |
| 11  | Ms. Yu Kaiying      | Principal, Ningbo Foreign Affairs School                                                                    |
| 12  | Ms. Ruan Dinv       | Principal, Henghe Town Adult Secondary Vocational and Technical School                                      |
| 13  | Prof. Zhu Yuansheng | Vice President, Zhejiang Fashion Institute of Technology                                                    |
| 14  | Mr. Chen            | Haitian Group                                                                                               |
| 15  | Mr. Li Rui          | Sunrise Technology                                                                                          |
| 16  | Mr. Zhu Wanyun      | Geely Group                                                                                                 |
| 17  | Ms. Qin Ziyang      | Director of International Relations, Go Study Global Education                                              |
| 18  | Dr. Qi Xinjian      | Program specialist, UNESCO INRULED                                                                          |
| 19  | Ms. Wu Yunfei       | Program Coordinator, UNESCO INRULED                                                                         |

#### 4.2 From SEAMEO TED

| No. | Name                | Position and Affiliation                                           |
|-----|---------------------|--------------------------------------------------------------------|
| 1   | Dr. Songheang Ai    | Director, SEAMEO TED                                               |
| 2   | Mr. Suong Saruon    | Head of Public Relations and Partnership, SEAMEO TED               |
| 3   | Mr. Sous Sovannarin | Vice Head of Public Relations and Partnership Division, SEAMEO TED |

### 4.3 From ASEAN Institutions

| No. | Name                            | Position and Affiliation                                                                                                                        |
|-----|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| 1   | Munirah Atirah DP Haji Othman   | Acting Assistant Director/Deputy Chief Executive Officer, Institute of Brunei Technical Education, Ministry of Education, Brunei Darussalam     |
| 2   | Rahimah Mohiddin                | Assistant Director, Politeknik Brunei, Brunei Darussalam                                                                                        |
| 3   | H.E Mr. Kuoch Kou Kam A         | Director, Non-Formal Education Department, Ministry of Education, Youth and Sports (MoEYS), Kingdom of Cambodia                                 |
| 4   | Mr. Hang Chansovan              | Deputy Director, Non-Formal Education Department, MoEYS, Kingdom of Cambodia                                                                    |
| 5   | Mr. Kok Sokhet                  | Vice Chief, Non-Formal Education Department, MoEYS, Kingdom of Cambodia                                                                         |
| 6   | Ms. Kim Meychou                 | Official, Department of Finance, MoEYS, Kingdom of Cambodia                                                                                     |
| 7   | Dr. Meidhi Alkibzi              | Head, Program, Data and Evaluation, Ministry of Education, Culture, Research, and Technology, Republic of Indonesia                             |
| 8   | Mr. Yayang Gilang Sonjaya       | Principal, SMK Taruna Sakti Purwakarta, Republic of Indonesia                                                                                   |
| 9   | Ms. Walyati Retnoningsih        | Principal, SMK Negeri Compreng, Republic of Indonesia                                                                                           |
| 10  | Ms. Christine Stanislaus Kinsik | Director, Sandakan 2 Vocational College, Malaysia                                                                                               |
| 11  | Mr. Abdul Razak Sabtu           | Director, Governance and Excellence Division, Department of Polytechnic and Community College Education, Ministry of Higher Education, Malaysia |
| 12  | Dr. Lim Ah Juan                 | Director, Vocational College of Kuching, Sarawak Technical and Vocational Education Division, Ministry of Education, Malaysia                   |
| 13  | Prof. Ramlee Mustapha           | TVET Expert, Sultan Idris Education University, Malaysia                                                                                        |
| 14  | Dr. Silvia Ambag                | Professor 3, Lyceum of the Philippines University, the Philippines                                                                              |
| 15  | Dr. Rovenia Dellova             | Professor, Lyceum of the Philippines University, the Philippines                                                                                |
| 16  | Dr. Leila Gano                  | Dean, Universidad De Manila, the Philippines                                                                                                    |
| 17  | Mr. Leonard Catchillar          | Instructor III, Quezon City University, the Philippines                                                                                         |
| 18  | Mr. Bernard Gaya                | Computer Technician, Quezon City University, the Philippines                                                                                    |
| 19  | Mr. Ariz Delson Acay D. Cawilan | Director IV, Bureau of Learning Resources, the Philippines                                                                                      |
| 20  | Dr. Derek Yeo                   | Divisional Director of Continuing Education and Training, Institute of Technical Education, Singapore                                           |
| 21  | Dr. Issariya Woraphiphat        | Director, Siam Business Administration Technological College, Kingdom of Thailand                                                               |
| 22  | Ms. Pattama Roopsuwantkun       | Advisor, Siam Business Administration Technological College                                                                                     |
| 23  | Dr. Hoang An Quoc               | Head of Science and Technology Office, Ho Chi Minh University of Technology and Education, the Socialist Republic of Vietnam                    |

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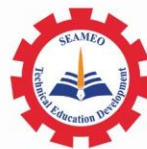
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