



Vietnam TVET Bulletin

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Vietnam Seeks to Boost Special Education Program at Vocational Training Schools

Vietnam sets a goal of promoting special education, a specific program designed for children who are mentally/physically/emotionally retarded or those with disabilities, at continuing education centres, vocational education centres, and special educational institutions, said Deputy Minister of Education Nguyen Huu Do. Speaking at a workshop featuring British Ambassador to Vietnam Iain Frew on March 20 in Hanoi, Deputy Minister Do briefed participants about Vietnam's policies in supporting vulnerable or disabled students at continuing education centres, vocational education centres, and special educational institutions. He added that Vietnam has paid attention to and coordinated with developed countries in the region and the world to promote special education support at each stage. Vietnam wants to learn UK's experience in implementing special education programs, thus boosting cooperation between the two countries' educational institutions and students in this regard. Ambassador Iain Frew affirmed that the UK always gives priority to partnering with Vietnam in education and training. The country vowed to support Vietnam in developing special education, such as raising resources and offering training courses for teachers and students, he said. (Dang Cong San, Giao Duc Thoi Dai Mar 20)

Business Sector and Labour Market

Foreign Cooperation

Further Training for Industry Technicians, Engineers on NX Design

A further training course on "NX Mold & Die Design" was organized in the period between February 13 and March 10 at LILAMA 2 International Technology College (LILAMA 2). Within the 120-hour training course, two master trainers of LILAMA2 – Ms Phan Thi Anh Tu and Mr Nguyen Trong Luc have transferred their competencies in industry applied programming with Siemens NX software to TVET graduates as well as technicians and engineers of the industry. Upon completion, 16 participants were able to apply the newly gained knowledge and skills on NX Computer-aided Design, NX Mold Design, NX Progressive Design, NX Easy Fill Analysis in their actual work environment. Mr. Tran Quoc Dung, QC Technician from Grande International Ltd. Co remarked: "This course is useful for companies because it creates opportunities for us to gain intensive knowledge related to specialization in NX software". Adding to this, the master trainers Ms. Tu and Mr Luc explained that the software is a flexible and powerful integrated solution that helps deliver better products faster and more efficiently. NX delivers the next generation of design, simulation, and manufacturing solutions that enable companies and the vocational training sector to realize the value of the digital twin. The practiceoriented training course was conducted in the frame of the Development Partnership with the Private Sector (DPP) "Vocational Training for Smart Manufacturing in Machine Tools". The





DPP is implemented jointly by the cooperation partners Siemens Limited Company Vietnam, LILAMA 2 International Technology College and the Programme "Reform of Technical and Vocational Education and Training (TVET) in Vietnam" and supported by the develoPPP.de programme of the German Federal Ministry for Economic Cooperation and Development (BMZ) implemented by Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH in cooperation with the Vietnamese Directorate of Vocational Education and Training (DVET). (TVET Mar 17)

Further Training on Home Energy & Hydropower Production Training Systems at NTVC

The further training course "Fundamentals of Home Energy and Hydropower Production Training Systems" was conducted from March 6-10 at Ninh Thuan Vocational College (NTVC), a leading competence centre providing vocational training on renewable energies for Viet Nam. The 40-hour training course conducted by an international trainer team of FESTO DIDACTIC SE provided 20 vocational teachers of NTVC and eight partner TVET colleges with the required competencies to multiply the newly gained knowledge and skills to regular trainees of the initial training programmes. The 20 training participants, of whom four were women, learned the technological concepts of home energy and hydropower generation. In home energy production, the key concept of a grid-tied inverter was discussed extensively between concept and real-life home applications. In hydropower generation, the concept of generating power for an established grid (live bus) or a stand-alone (dead bus) and the concept of control systems such as speed and voltage were examined in detail. This will determine the performance of hydropower generation in the future. Ms Pham Thi Soa – electronic teacher from Ninh Thuan Vocational College, expressed that the training contents seemed to be complex and difficult at the beginning of the course, but the teachers were all trying to follow and learn from FESTO experts to gain an understanding of the basic principles of generating electricity from a hydropower station. Ms Soa added later that they all will apply these theories in groups of teachers to get hands-on experience. Mr Truong Thanh Inh – electronic teacher from LILAMA 2 International Technology College said "I am excited to explore more about these topics and apply them in my daily vocational teaching after the course. I learned about the parameters of the generator and how to connect them to the grid". The further training was implemented in the frame of the Development Partnership (DPP) Vocational Training Centre for Renewable Energies – Wind and Solar Technology. The DPP is implemented jointly by the cooperation partners Vietnam Industries Building Services JSC, Festo Didactic SE, Schneider Electric Vietnam, Ninh Thuan Vocational College, and the Programme "Reform of Technical and Vocational Education and Training (TVET) in Vietnam" and supported by the develoPPP.de programme of the German Federal Ministry for Economic Cooperation and Development (BMZ) implemented by the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH in cooperation with the Vietnamese Directorate of Vocational Education and Training (DVET). (TVET Mar 17)

Outdoor Activities on Soft Skills and German Culture for PAM Trainees

"This is a very wonderful event with fruitful activities that we can acquire much knowledge on culture and practice German directly," an enthusiastic share from PAM trainees after attending the Outdoor activities organized by "Partnership Approaches for Development-oriented





Vocational Training and Labour Migration" (PAM) Programme in Vietnam. On March 4-5, 2023, PAM Programme in Vietnam organized Outdoor activities on Soft skills and German Culture for PAM trainees in Dong Nai province. The event aims to promote trainees' essential soft skills as preparations for future working and living in Germany, including teamwork, timemanagement, problem-solving, presentation and interpersonal skills. The event had the participation of nearly 40 trainees and GIZ Development Advisors so that trainees would have more interaction opportunities to experience and communicate with the German. The event focused on 3 main topics: Traditional holidays in Viet Nam and Germany, Self- introduction at workplace and Environment protection in Germany. In each session, knowledge shared by German Development advisors and interactions activities with trainees were harmoniously integrated. Noticeably, most of activities were conducted in German, hence, consolidate trainees' understanding and practicing in German cultures, environment regulations and self- introduction criteria. Sharing after the event, Mr. Frank Schulze, CIM- IF from LILAMA 2 stated that trainees were "very committed" in the event; however, need further efforts and supports to improve their language skills proficiently via more interaction activities by German. Most of PAM trainees felt really interested in the event, where they were able to "learn effectively without pressure". For some trainees, they said that the event was "a steppingstone to prepare for the upcoming transcultural activities" and really "look forward to having more similar events." (TVET Mar 16)

Further Training for LILAMA 2 SINUMERIC Master Trainers on Create / Run My Virtual Machine

The further training on Basic Programming and Machine Control with Create / Run My Virtual Machine (CMVM / RMVM) was implemented from February 20 to 24 by Mr Mark Lodge a SINUMERIC One expert of SIEMENS AG from Germany. Six master trainers from the Mechanical Engineering Faculty of LILAMA 2 International Technology College and six incompany trainers and technicians from manufacturing companies have gained fundamental knowledge and hands-on experience for industry 4.0 applied smart CNC programming and machine control via CMVM / RMVM software. Mr. Nguyen Xuan Huy – one of LILAMA 2's master trainers – shared that though the level of required pre-knowledge and skills to join and complete this course was highly demanding, the training was helpful for TVET teachers like us to scale up with industry applied competencies. The newly gained knowledge and skills enable us teachers to train students and technicians on software that is identical to the real machine control and programming procedure at the actual machines in the CNC workshop. The expectations on the training course of all participants, teachers, in-company trainers and technicians were more than fulfilled and they expressed their deep satisfaction after the training "The novel feature of the course is the 3D simulation which helps participants catch the lesson concepts more easily. I highly recommend this course to students intending to go in for CNC professions. Thank you LILAMA 2, SIEMENS and GIZ for allowing me to participate in this training," said Mr. Tran Van Det – CNC Service Manager of Universal Alloy Corporation. The practice-oriented training course was conducted in the frame of the Development Partnership with the Private Sector (DPP) "Vocational Training for Smart Manufacturing in Machine Tools". The DPP is implemented jointly by the cooperation partners Siemens Limited Company Vietnam, LILAMA 2 International Technology College and the Programme "Reform of





Technical and Vocational Education and Training (TVET) in Vietnam" and supported by the develoPPP.de programme of the German Federal Ministry for Economic Cooperation and Development (BMZ) implemented by Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH in cooperation with the Vietnamese Directorate of Vocational Education and Training (DVET). (TVET Mar 16)

Capacity Development and International Integration for Core Teachers at Partner TVET Colleges of GIZ in Vietnam

General context

During the phase II for the period 2020-2024 of the Programme Reform of TVET in Vietnam (TVET Program), the Programme focuses on building communities of core teachers/multipliers with an aim to foster capacity development and further training on digital transformation (DX) in TVET. However, these activities have mainly been organized in Vietnam. Those core teachers have not had many opportunities to learn, share experiences and knowledge at the ASEAN regional level as well as in the world. In collaboration with the Regional Cooperation Program on ASEAN Regional Vocational Education (RECOTVET) of GIZ, the TVET Programme has selected and introduced a group of core teachers from 11 partner colleges to participate in training courses and workshops organized by RECOTVET. The criteria for selecting core teachers include relevant professional background, good English competence, dedication, and especially commitment to sharing knowledge, experience and practical lessons from the courses for other teachers of GIZ's 11 partner colleges as well as organizing further training for staff and teachers in their colleges.

Professional development activities organized by RECOTVET

During 2022-2023, RECOTVET has organized capacity development activities for core lecturers to access 4.0 technologies and student-centred e-pedagogies during the training process. In 2022, the training course "Regional Training of Multipliers: Fit for Industry 4.0" were organized for core TVET teachers in the ASEAN region, including four modules: Module 0: Action-Oriented Learning and Teaching on February 18-20, 25-26, 2022 (online training); Module 1: Industrial Revolution, Digitalisation, Disruption and Employment from July 27-29, 2022 (online training); Module 2: Professional Development Training for TVET Teachers in Industry 4.0 from August 1-5 (online) and August 15-19, 2022 (on-site in Bangkok); Module 3: Curriculum Design for Industry 4.0 Work Process from August 29-31 and September 1-2, 2022 (online training).

From October 31 to November 1, 2022, RECOTVET invited the group of core teachers who participated in the above training course to Bangkok, Thailand to attend a workshop and report on the results of implementing further training, sharing and application of knowledge and experience gained from the course in respective country.

From March 10 to April 29, 2023, RECOTVET continues with the organization of the training course: "Advisory Skills for Change Agents in Digital Transformation and Future Skill Requirements". The training programme comprises of 120 hours in hybrid format of online and





in-person training. During April 25-29, 2023, core teachers from ASEAN countries will participate in on-site training in Thai Lan. The training aims to: Analyse the organisation's requirements, existing resources and their ability to meet the needs of digital transformation; Demonstrate personal/human skills; Demonstrate advisory and communication skills; Establish linkages between TVET and industry sector; Advise on HR development for industry 4.0 demand; and Establish a digital transformation strategy plan.

Further training activities in Vietnam

Below are significant results delivered by the group of core teachers from partner TVET colleges of GIZ in Vietnam. Below teachers from six partner colleges participated in the above professional development activities, including: Dr. Vu Quang Khue – Bac Ninh College of Industry; Mr. Nguyen Hai Dien – Vietnamese-German Technical College of Ha Tinh; Mr. Bui Quang Khai – Nha Trang College of Technology; Mr. Tran Trung Dung – Ninh Thuan Vocational College; Mr. Pham Ngoc Hoa – College of Technology II; and Mr. Nguyen Duc Tai – An Giang Vocational College.

With support of the TVET Programme, the six core teachers designed a workshop programme together with content development, workshop documents and directly deliver knowledge and experience with 48 teachers from 11 partner colleges of GIZ through a 2-day workshop during October 24-25, 2023, in HCM City. The Workshop "Capacity Development for TVET Teachers in the 4th Industrial Revolution" helped participants to understand: Student-centred learning, problem-based learning, and project-based learning methods; Training programme design based on work processes; Paradigm changes in management, workflows, and competence of the workforce in the 4th Industrial Revolution; Human-machine communication, automation, and their impacts; Model of a smart manufacture; Manufacturing Execution System (MES) and its applications to the development and management of a smart TVET college; Besides, these core teachers have organized further training and knowledge sharing for teachers and staff at their colleges. For example:

"Bac Ninh College of Industry replicated RECOTVET's activities for teachers with a focus on e-pedagogies such as structure of lessons and sub-skills according to project-based and problem-based teaching methods and develop and design smart teaching models approaching 4.0 technologies by monitoring and controlling elements through the web server by SCADA. In 2023, BCI plans to organize further and intensive training in designing, assembling and monitoring electrical systems by SCADA using PLC S7-1200 for teachers of Electrics, Electronics and Automation. (Dr. Vu Quang Khue – Vice Rector)

An Giang Vocational College (AGVC) organizes further training for a group of 20 core teachers on e-pedagogies and share knowledge and experience with the department of Mechatronics about Industry 4.0 in order to deliver the Mechatronics training programme according to German standards. In 2023, AGVC plans to organize further training on e-pedagogies and designing teaching lessons for AGVC and three other TVET institutes in An Giang Province, and to provide consultant services for Construction Technical College No. 1 (CTC1) on e-pedagogies.







AGVC step by step applies training management according to the MES model in a near future. (MSc. Nguyen Duc Tai)

Nha Trang College of Technology applies knowledge from the training course to support on identifying occupation skills affected by Industry 4.0 (choosing Automotive Technology and Industrial Electronics for piloting) and updates current digital technology content in all occupations. (MSc. Bui Quang Khai)

College of Technology II organizes training courses for core teacher of the colleges through the methods of blended learning and project-based teaching with 2 main content: 1) Competence-based teaching and 2) Teaching on digital platform and use software Articulate Storyline to design teaching and learning activities on digital platform. (MSc. Pham Ngoc Hoa) (TVET Mar 15)

Japanese Trade Union Seeks to Recruit Vietnamese Caregivers to Work in Ibaraki

Japanese trade union Success Group INC aspires to recruit a large number of Vietnamese trainees to work as caregivers in Ibaraki prefecture, said its Chairman Mukasa. Speaking to Vietnamese Deputy Minister of Labour, War Invalids and Social Affairs Nguyen Ba Hoan on March 13, Mr. Mukasa said that Japan is now so hard up for nursing staff and caregivers due to aging population. Success Group INC wants to introduce a better working environment and new jobs to Vietnamese trainees and workers, especially in the social service area, he affirmed, adding that it will seek funding for the training of Vietnamese care workers. Deputy Minister Hoan, in reply, welcomed the proposal by the Japanese union to dispatch 1,000 Vietnamese trainees to Ibaraki each year. He requested INC to closely partner with Vietnamese authorities to support training fees for nursing and caregiver trainees. (Lao Dong Xa Hoi, MOLISA Mar 13)

Foreign Firms Bemoan Cumbersome Issuance of Vietnam Work Permit

Many foreign business associations in Vietnam voiced their complaints about the burdensome issuance of work permits for expat workers while partaking at the annual Vietnam Business Forum on March 19. Chairman of the European Chamber of Commerce in Vietnam (EuroCham) Gabor Fluit said it is unreasonable for expat workers and investors living in Vietnam for years to get their work permit extension denied due to some trivial procedure issues. President of the Korean Chamber of Commerce (Kocham) Hong Sun reflected that the work permit grant is time-consuming and many cases have to take two-three months or even six months to get a license. Chairman of the American Chamber of Commerce in Vietnam (AmCham) Gregory Testerman pointed out that several work permit issuance regulations in Vietnam are still vague and confusing. He said stricter rules on the management of foreign workers specified under Decree 152 cause troubles for businesses in retaining and hiring expat workers. Therefore, to fully exploit the potential of human resources in Vietnam, the country ought to simplify work permit procedures and modify a few rules related to work permit issuance for experts, the entrepreneurs recommended. (PLO, Tuoi Tre Thu Do, VietnamFinance, Mekong ASEAN, Dau Tu Mar 19)





Japan to Continue Promoting Kosen Training Model in Vietnam

Japan will continue providing training to administrative officers and teachers of Vietnam and supporting employments and career orientation under the Kosen International Project for Vietnam. In collabouration with MoLISA and the Ministry of Industry and Trade, the Japanese side will hold conferences on development the Kosen model in Vietnam. (Cong Thuong Mar 17)

Nghe An Has 1,770 Workers Illegally Staying in South Korea as of Early Mar: DoLISA

As of early March, Nghe An province had 1,770 workers illegally staying in South Korea, of whom 372 absconded in 2020-2021 and 1,524 overstayed their visas. The rate of Nghe An workers overstaying their contracts was 24.41%, and its three districts Hung Nguyen, Nghi Loc, and Cua Lo were suspended from sending labourers to South Korea due to the high rates of illegal stay or absconding. (Dan Tri Mar 21)

Vinh Long University of Technology Education Sends 4 Students to S.Korean University

On March 15, Vinh Long University of Technology Education (VLUTE) held a ceremony to send four students of automobile technique major under the 2+2 cooperation program to Tongmyong University in South Korea. They have completed two years of learning at VLUTE and will pursue another two years at the South Korean university. (Dan Sinh Mar 17)

Domestic News

TVET Institutes Strive to Train Learners per Bizs' Demand

Many TVET institutes have renovated their enrolment and training methods per businesses' demand, thus ensuring that learners will get jobs after training without further learning. (<u>VTV</u> Mar 16)

Half of Green Job Demand in Vietnam Arises in Manufacturing Sector: Report

As much as 48% of the green job demand in Vietnam since 2022 has come from the manufacturing sector, according to a report by ManpowerGroup, regarding green job opportunities and sustainable development in Vietnam. Following the manufacturing industry in terms of green job demand are energy (34%), agriculture (11%), technology (4%), education (2%), and transport-logistics (1%). The report showed that about 70% of workers said sustainable development programs make companies appealing to applicants and 65% of respondents are more willing to apply for enterprises dedicated to sustainable practices. The Y generation, those who were born between 1981 and 1996, leads age groups in the growth of talents in green fields with an annual growth rate of 13%. Meanwhile, some 60% of workers of the Z generation (born between 1997 and 2012) said they shun firms that cause negative impacts on the environment. ManpowerGroup Vietnam's General Manager Andree Mangels said more and more companies have placed significance on green practices in their operation, especially in talent attraction. (Nhip Song Kinh Doanh, HCMCPV Mar 16)







Hanoi Aims for 75%-80% of Trained Labour Rate by 2025

Hanoi capital city has set a target to raise its trained labour rate to 75%-80% by 2025, including 55.5% equipped with certifications, according to a plan freshly issued by the municipal People's Committee. (Dan Sinh Mar 16)

Hanoi to Provide Under-3-month TVET to 14,720 People in 2023

Hanoi capital city has set a target to provide TVET at the under-three-month level to over 14,720 people this year, according to a plan issued by the municipal People's Committee. Those eligible for such training include women, rural labourers, people with disabilities, disarmed youngsters, amnestied prisoners, and prisoners with expired terms. (Dan Sinh Mar 17, VnEconomy Mar 18)

Nearly 20K Students, Parents Join Enrolment Consulting, Career Orientation Day 2023

Nearly 20,000 students and parents joined the enrolment consulting and career orientation day 2023 in Hanoi on March 19. The event was held by Tuoi Tre newspaper, MoET's Higher Education Department, DVET, and the Hanoi University of Science and Technology. (VTV Mar 19)

Bac Giang Aims to Create Jobs for 32,500 People in 2023

Northern Bac Giang province has set a target to generate jobs for 32,500 people this year, including 1,650 to be sent abroad. Last year, the province created jobs for 33,600 people. Currently, 14,200 labourers from the province are working overseas, mainly in Taiwan with 7,000, Japan with 3,000, and South Korea with 1,500. (Dan Sinh Mar 19)

Thanh Hoa to Support 5 Groups of People in TVET

Central Thanh Hoa province will support elementary and under-three-month TVET of five groups of people, namely (i) those with disabilities, (ii) people of ethnic minorities and poor families in extremely disadvantageous areas; (iii) beneficiaries of revolutionary contributors and those with revoked land; (iv) those of near-poor households, and (v) women, rural labourers, cooperatives' directors, and prisoners with expired terms. There will be 39 occupations in the agro-forestry-fisheries sector, 55 in the industry-construction sector, and 22 in the service sector. Aids will range between VND2 million and VND10.6 million depending on sectors. (Dan Tri Mar 16)

Nghe An Aims to Create Jobs for 43K People in 2023

Central Nghe An province has set a target to create jobs for 43,000 people this year and enroll 66,200 into TVET, thus raising the trained labour rate to 69%, including 28.6% equipped with certifications. Last year, the province generated jobs for 45,000 people, including 24,500 sent







overseas, and enrolled 65,498 TVET learners, thus increasing its trained labour rate to 67.7%, including 27.4% equipped with certifications. (Dan Sinh Mar 19)

\$157.5M Battery Plant of Vietnam Vingroup's Arm about to Come into Trial Run

The VND3.78 trillion (\$157.5 million) battery factory of Vines Energy Solutions JSC (VinES), a subsidiary of Vietnamese biggest private conglomerate Vingroup JSC (HOSE: VIC), in central Ha Tinh province is about to come into trial operation this month. The VinES battery plant, located in Vung Ang Economic Zone in Ky Anh township, is expected to create jobs for 1,000 workers, including 900 operators and 100 office workers. (VietnamBiz Mar 16)

Dong Thap Aims to Provide TVET to 13,400 People in 2023

Southern Dong Thap province has set a target to provide TVET in non-agricultural sectors to 13,400 people this year, including 1,897 at the college level, 2,505 at the intermediate level, and 9,038 at elementary and short-term levels. (Dan Sinh Mar 19)