



Summary Achievements 2022-2023

SEAMEO TED has three technical divisions working to support SEAMEO Priority No.4 (Promoting TVET) following its five-year strategic plan. Each division has done some remarkable highlights as follows:

1. Research and Development Division

1.1. 06 Studies in Data Analysis Stage

No.	Research Topic	Total Participant
1	The role of technical education students reflecting learning outcomes	615 students
2	Developing technical education teachers' instructional behaviors in Cambodia	402 students
3	Knowledge management in technical education:	118 teachers
4	Identifying technical education teachers' ICT capacity model in Cambodia	51 teachers
5	Teacher job satisfaction in technical education in Cambodia	116 teachers
6	Critical roles of private sector supporting technical education: Bavet Special Economic Zone	

1.2. 02 Published

No.	Research Topic	Publication Journal Name
1	Exploring instructional practices of Cambodian TVET instructors	TVET@Asia, issue 21
2	Exploring positive classroom climate factors for technical education in the SEAMEO country region and policy brief	SEAMEO TED website

1.2. 05 Ready for Publication

No.	Research Topic	Total Participants
1	Exploring effective hands-on activities of technical education students in Cambodia	205 students

2	School health influences technical education students' learning outcomes in Cambodia	408 students
3	Exploring effective school-based management factors for general and technical high schools in Cambodia	511 teachers
4	Training needs assessment for technical-vocational high school management in the SEAMEO country members	454 principals
5	Training needs assessment for technical-vocational high school teachers at general and technical high schools in Cambodia	149 teachers

1.3. Co-organizing *Thai-German TVET Conference on Research Cooperation in Southeast Asia* in cooperation with Tu Dortmund University for 150 regional and international participants

2. Technical Education and Training Division

2.1. 05 Offline Training Courses/Workshop

No.	Course Name	Date	Venue	Participant
1	How to Use a TVET LMS and Virtual TVET	18-20 July 2022	Phnom Penh	23 Cambodian teachers
2	Programmable Logic Controller 1 (PLC)	20-21 June 2023	Svay Rieng Province	50 Cambodian teachers
3	Programmable Logic Controller 2 (PLC)	8-9 August 2023	Kampong Chhnang Province	28 Cambodian teachers
4	Robot Control	20-22 September 2023	Siem Reap Province	55 Cambodian teachers
5	One Health Awareness-Raising Workshop	19-20 December 2023	Phnom Penh	27 TVET teachers and management

2.2. 10 Online Training Courses

No.	Course Name	Date	Participants
1	From Waste to Energy: Operation & Maintenance	28 July 2022	116 regional and international
2	Generalization of Electrician Operation	8 August 2022	150 regional and international

3	Building Information Modeling Fundamental 2	12 th , 13 th , 14 th , and 17 th October 2022	165 regional and international
4	Samaul Undong for Community Development	26-31 December 2022	101 regional and international
5	Smart Municipal Construction and Inspection	14-26 March 2023	163 regional and international
6	Application of Water Treatment Technology in China	25-27 April 2023	112 regional and international
7	Development and Application of Intelligent Manufacturing	14 July 2023	132 regional and international
8	Crafting Compelling News Stories with Short Video Production Techniques	28 November 2023	120 regional and international
9	Innovation Paths for News Production Methods in the Multimedia Era	30 November 2023	130 regional and international
10	Automotive Electronics Electrician: Composition of DC Circuit	14 December 2023	129 regional and international

3. International Relations and Partnership Division

3.1. 02 virtual teacher exchange programs

No.	Batch	Date	Countries	Classes	Schools	Teachers	Students
1	1	5 September- 29 November 2022	Cambodia, Indonesia, Malaysia, and Philippines	18	4	13	122
2	2	20 April-20 July 2023	Cambodia, Indonesia, Malaysia, and Philippines	19	7	25	269

3.2. 03 MoU Signatures

No.	Institution	Country	Signing Date
1	Quezon City University	Philippines	10 February 2023
2	Asia Pacific Consortium of Researchers and Educators (APCORE)	Philippines	10 February 2023
3	Beijing Normal University (BNU)	China	20 August 2023

3.3. International Webinar

No.	Title	Date	Participant
1	Lifelong Learning for Technical Education	02 November 2023	263 participants

3.4. Co-organizing Global Smart Education Conference (GSE 2023) in Beijing on August 18-20, 2023 in cooperation with Beijing Normal University.

3.5. Co-organizing TVET Leadership and Management Benchmarking Program for 35 TVET management from eight SEAMEO member countries to China (Beijing and Tianjin) from 14 to 18 August 2023.