



Southeast Asian Ministers of Education Organization Regional Center for Technical Education Development
(SEAMEO TED)

Research Studies and TED Solutions

No.	Research Study	Publication	Findings	Implication	TED Solution	Recommendation
1	ICT skills needs assessment for technical education teachers in the 11 SEAMEO member countries	TVET@asia, issue 20 in 2023 www.tvet-online.asia	Teachers were moderate in Microsoft Excel and good at internet skills	-On-the-job training course on Microsoft Excel should be considered -Coaching and mentoring programs on Microsoft Excel should be considered as part of peer learning	From 5 Sep. to 29 Nov. 2022, TED hosted a virtual teacher exchange program to SEA students. One of the main topics is “Computer System Servicing and Media Literacy”.	Coaching and mentoring programs should be held at technical-vocational high schools.
2	Exploring effective classroom climate factors for technical education in the SEAMEO country members	Presentation at CPRN summit on March 6-9, 2023 in Malaysia	Teachers’ effective instructional management, student learning, students’ interpersonal skills, and teachers’ professional practices	Diversities in classroom context such as different instructional methods from time to time and classroom regulations with different activities should be encouraged.	-Face-to-face training course on “How to Use a TVET Learning Management System and Virtual TVET Platform” to TVET teachers from 18 to 20 July 2022 -Regional workshop on “Technical Teachers’ Instructional Best Practices” in May 2023	-Training course on “Classroom Management” should be conducted -Teaching exchange programs between teachers and teachers can be considered
3	Exploring effective school-based management factors for general	Not yet	Administration, planning, personnel management,	-The capacity building programs for school support	-Saemaul Undong Training Course (Online) defining	-School-based management policy

	and technical high schools in Cambodia		budget management, information management, work ethic building, and school facility management.	committee members such as principals, teachers, parents, and community members on tasks that the national organizations delegate with their roles and responsibilities -School businesses should be formulated by linking with students' extra-curricula activities to ensure financially sustainable	roles, responsibilities and tasks of the community members for agricultural development in the ancient Korean society from 26 to 31 Dec. 2022 -Online training course on "Financial Management" in Feb. 2023	-The capacity building programs for school support committee members -School business formulation
4	Exploring effective hand-on activities of technical education students in Cambodia	Not yet	Proficiency in procedures and steps, creativity, skill incorporation, being skilled in competition, and immediate application	-An internship and apprenticeship program should be considered to expose students to more practical activities -Students' capstone projects can be done a guidance of instructors	-International webinar on "Issues and Challenges of Internship and Apprenticeship: Perspectives of Private Sector" on Sep. 2022 -Virtual SEA Technical-Vocational Teacher Exchange Program from 5 Sep. to 29 Nov. 2022	-Policy on internship and apprentice program should be formulated -Guidelines and directives on students' capstone projects should be developed to functionally guide students
5	School health influences technical education students' learning outcomes in Cambodia	Not yet	School health relatively reflects students' learning outcomes	School canteen policy should be developed	-Training course on "Nutrition Goes to School" in 2022 -Training course on "Food Technology (Sugar)" on March 15, 2022	School canteen policy and guideline should be formulated to ensure students are nutritious and healthy while eating in school