



9th International Skills Forum Reimagining Education and Skills Development for a New Normal

23 August 2021 • 1–5 p.m. (Manila time)
24 to 27 August 2021 • 2–6 p.m. (Manila time)

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SEAMEO Secretariat, Bangkok, Thailand

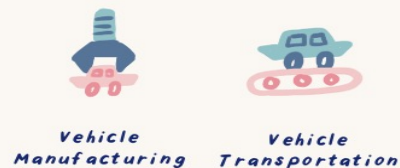
VET in the Industry 4.0: SEAMEO Scenario

WE ARE LIVING IN A "SMART" WORLD

SMART AGRI-TECH



SMART TRANSPORTATION



SMART ENERGY



It's not just about smart production, its smart use!

Industry 4.0 is BORDERLESS

Need for...



Global employment and Internationalised skills

SMART CAREERS



Huge skills gap and skills shortage in data



It's easy to teach and impart knowledge but how do you prove the acquisition skills?

We need to find ways for technology to have a positive impact on learning

TRENDS



Digital technology and automation are changing ASEAN economies and societies.



Many conventional jobs with low productivity are now diminishing



Emerging technology based jobs



Workers equipped with technical skills are poised to take advantage of newly formed jobs

IMPACT ON EMPLOYMENT

Skills mismatch has resulted in GDP loss



Increase in demand for managers and professionals

Decrease in demand for other jobs



IMPACT ON TVET



Invest on learning profficiency



Support new partnerships



Involve new stakeholders



Digital technology has changed the way we work and learn

ISSUES AND CHALLENGES



COVID



Identification for future skills

Labor mobility



Labor market info



Digital challenges

Learning experience is made up of...

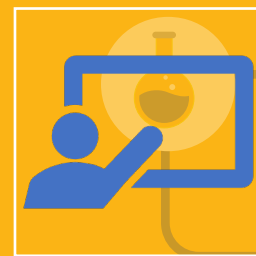
1. Learning journey
2. Digital and physical touchpoints
3. Environments

VISUALIZED BY PUSHPINVISUALS.COM

Digital challenges in TVET systems caused by the COVID-19 pandemic



Unequal access to
ICT infrastructure, ICT tools,
Internet connectivity



Teacher's
Competency
in ICT



Hands-on and
Practical training

Digital Learning Platforms in SEAMEO

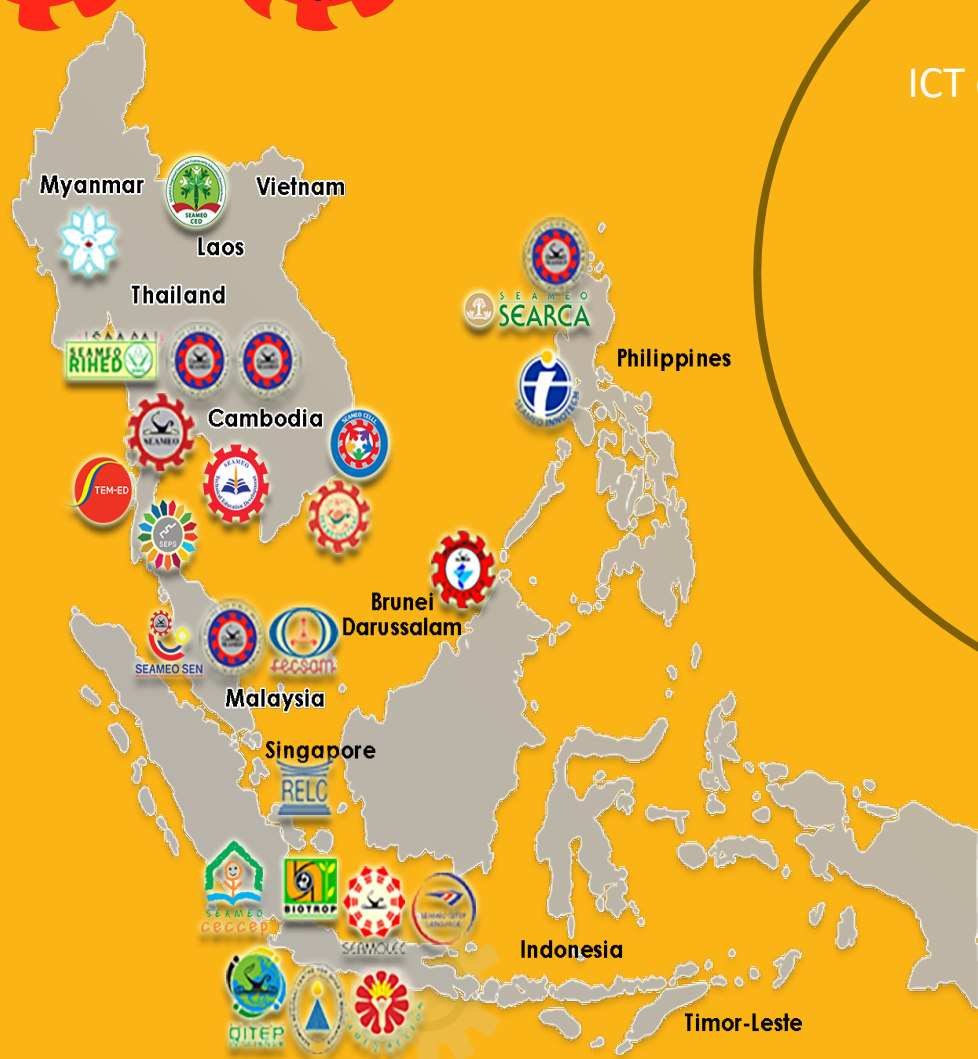


No	SEAMEO Member Countries	Digital learning platforms
1	Brunei Darussalam	*Microsoft Teams, Form and One Drive *Educational programmes on TV channels
2	Cambodia	*G-Suite, Google online tools *Digital learning resources on Ministry of Education, Youth and Sport's website and Facebook page
3	Indonesia	*Crowdsourcing platform titled Teacher Shares (Guru Berbagi) *Online teacher learning series titled Teacher Learns (Guru Belajar) *Educational programmes on TV and radio channels
4	Laos	*Google classroom, Zoom meeting room, YouTube * A learning platform known as 'Lao Learn' in which teachers can share developed teaching and learning materials and the best teaching experience
5	Malaysia	*DELIMa (Digital Learning Initiative Malaysia) *Learning videos for students with Special educational needs *Educational programmes on TV and radio channels

Digital Learning Platforms in SEAMEO



No	SEAMEO Member Countries	Digital learning platforms
6	Myanmar	Myanmar Digital Education Platform (MDEP). MDEP can also be accessed via the mobile app DBE LMS downloaded from Google Play.
7	Philippines	*DEpED COMMONS TESDA and CHED's Flexible Learning system *Educational programmes on TV and radio channels
8	Singapore	*Singapore Student Learning Space (SLS) - Ministry of Education's learning portal which will be enhanced with Artificial Intelligence (AI) capabilities to diagnose student's learning needs and personalizes learning pathways for students
9	Thailand	*Websites and applications designed by Office of the Basic Education Commission (OBEC) and other contributors *Educational programmes on TV and radio channels
10	Timor-Leste	*The Learning Passport, a global online learning platform developed through a partnership between UNICEF and Microsoft
11	Vietnam	*Online platform like Zoom, Microsoft Teams, and the usage of learning management systems of ICT companies *Educational programmes on TV



Improved
ICT competencies of
TEACHERS

Contextual
Approaches in
capacity building

TVET
in New
Normal

Collaborative and Strategic
Partnerships

Key Recommendations: TVET Digitalization

THE FUTURE OF WORK RELATES TO WORK AND THAT WILL BE IN DEMAND IN THE **DIGITAL AGE**.
TVET IS KEY TO ADDRESSING YOUTH UNEMPLOYMENT.

DIGITAL SKILLS & RESILIENCY OF THE EDUCATION SYSTEM IS IMPORTANT.

LEAVE NO CHILD BEHIND

INVEST IN MAKING SURE THAT EVERY CHILD CAN ACCESS **QUALITY LEARNING** AT ALL LEVELS.

4 KEY INITIATIVES IN BUILDING SKILLS IN SCHOOLS

INCLUDE DIGITAL SKILLS IN THE CURRICULA

PARTNERSHIPS WITH DIFFERENT INDUSTRIES

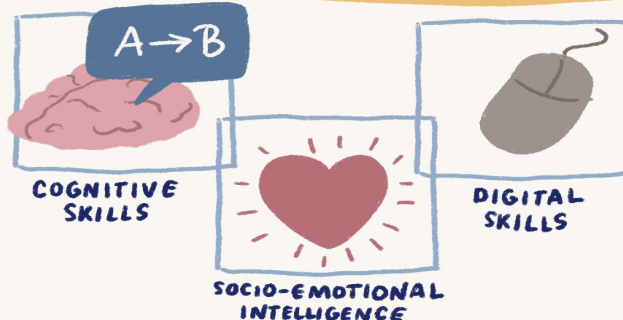
FOCUS ON SOFT SKILLS

DEVELOP COMPUTATIONAL THINKING

PARTNER WITH...

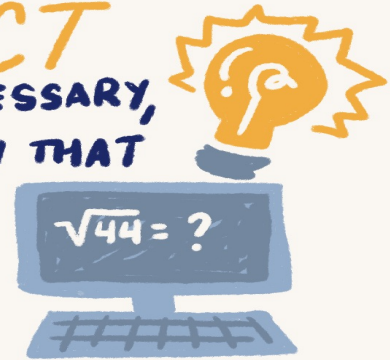


ESSENTIAL SKILLS FOR THE FUTURE WORKFORCE



GCED & ICT

SKILLS ARE NECESSARY, ESPECIALLY NOW THAT THE PANDEMIC PREVENTED TRADITIONAL SCHOOLING.



PERFECT STORM OF CONTENT AND EDUCATORS IN THE PALM OF OUR HANDS.



CONSIDERATIONS FOR EDUCATING OUR CHILDREN IN THE FUTURE



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Thank you very much

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