



Southeast Asian Ministers of Education Organization  
SEAMEO Regional Centre for Technical Education Development

# SEA VOCATIONAL-TECHNICAL HIGH SCHOOL/COLLEGE NETWORK

## INTRODUCTION

Education has a central role to play in preparing learners for this fast and dramatically changing world and enabling them to navigate, and thrive in it. Through education, learners must be able to develop the right knowledge, skills and values for the 21st century. The so-called 21st century skills include critical thinking and problem-solving, creativity and innovation, communication and collaboration, initiative, responsibility and self-regulation, social and cross-cultural skills, and information and communication technology skills.

SEAMEO Regional Center for Technical Education (SEAMEO TED) has a mandate in conducting research, capacity building and advocacy partnership in the field of vocational and technical skills at secondary level in Southeast Asia. Cooperation and networking can be a key forerunner for problem identification and learning opportunities. However, lack of networking affects work effectiveness and quality. For example, the price of communication and transports across the geographical areas are obstacles for international cooperation and activity implementation. If there is no international and regional cooperation, new initiatives and innovation will not be achieved. The Southeast Asian region has considered Technical and vocational education and training networking as an important issue and the process of cooperation among the vocational and technical institutions in the region moves slowly and faces difficulty. Promoting a good collaboration among institutions and industries in technical-vocational education sector in the region is needed to strengthen the competence and to expand connectivity among vocational teachers and learners. Finally, advancing regional collaboration address skill mismatches, and enhance learning opportunities, best practice exchanges, and resource mobility. In order to ensure that SEAMEO TED delivers appropriate programmes and activities we need a lot of inputs from vocational-technical stakeholders in the region.



To support the regional programs, SEAMEO TED has established a SEA Vocational-Technical High School/College Network that serves as a forum for school leaders, researchers and teachers in secondary education level from the region. Through the network, the members can share and learn from each other the challenges and issues of technical education.

## OBJECTIVES

**The objectives of the network are as follows:**

- ❶ To share information, knowledge and experience on technical education among the participating members
- ❷ To learn best practices of technical education among the members
- ❸ To promote capacity-building programs for teachers, school management and supporting administrators
- ❹ To strengthen cooperation for mutual benefits among the members
- ❺ To facilitate and implement the project/activity for regional prosperity

## MEMBERS

Currently, the network consists of 81 vocational-technical high schools/colleges which offer upper secondary education program with 7,076 technical teachers and 121,720 students from the 11 SEAMEO member countries including Brunei Darussalam (2 schools), Cambodia (16 schools), Indonesia (19 schools), Laos PDR (2 schools), Malaysia (10 schools), Myanmar (5 schools), Philippines (17 schools), Singapore (1 school), Thailand (5 school), Timor-Leste (1 school), and Vietnam (3 schools).

### Number of school members by country

Country	Number of Schools/Colleges
Brunei Darussalam	2
Cambodia	16
Indonesia	19
Philippines	17
Malaysia	10
Myanmar	5
Laos PDR	2
Singapore	1
Thailand	5
Timor Leste	1
Vietnam	3
Total	81

### Number of school members by skills/ majors

Skills/Major Available	Number of Major
Mechanics/Electronics and Manufacturing	41
Agriculture/Fisheries/Animal Science	26
Computer Science/IT/Informatics	43
Hospitality and Tourism	18
Automobile	26



## Focal Points

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# LIST OF NETWORK MEMBERS

School/College	Mechanics/Electronics and Manufacturing	Agriculture/Fisheries/Animal Science	Computer Science/IT/Informatics	Hospitality and Tourism, Hotel Management	Automobile	Number of Teachers	Number of Students
<b>Brunei Darussalam</b>							
1. Pengiran Anak Puteri Hajah Masna Secondary School	No	No	Yes	No	No	50	286
2. Sufri Bolkiah Secondary School	No	No	No	Yes	No	46	447
<b>CAMBODIA</b>							
3. Institute of Community Development	Yes	Yes	Yes	No	No	13	185
4. Hun Sen Chumpuovorn General Education and Technical High School	Yes	No	No	No	No	21	224
5. Chea Sim Tbeng Meanchey General and Technical High School	Yes	Yes	No	No	No	114	1916
6. ROTA Technical High School	Yes	No	No	No	No	19	286
7. Academy of Careers & Technology	No	No	Yes	Yes	No	4	35
8. Bavet General and Technical High School	Yes	Yes	No	No	No	19	124
9. Preah Bat Sihamoni High School	Yes	Yes	No	No	No	38	333
10. Institute of Technical and Professional Training	Yes	Yes	Yes	No	No	23	125
11. General And Technical Education Demonstration High School Of Kampong Chheuteal	Yes	Yes	No	No	No	52	555
12. Preah Norodom Sihamoni General and Technical High School	No	Yes	Yes	No	No	7	158
13. Techo Sen Koh Kong General and Technical High School	Yes	No	Yes	No	No	92	1551
14. St Francois Technical High School	No	Yes	Yes	Yes	No	22	116
15. Puok General And Technical High School	Yes	No	No	No	No	187	4505
16. Private Don Bosco General And Technical High School	Yes	No	Yes	No	No	16	94
17. Kampong Speu Institute of Technology	No	Yes	No	No	No		16
18. Hun Sen Peamchikang High School	Yes	Yes	No	No	No	17	132
<b>INDONESIA</b>							
19. SMK NEGERI 13 MEDAN	Yes	No	Yes	Yes	No	81	1364
20. SMKN 5 BANJARMASIN	No	No	Yes	No	No	250	2881
21. SMK Negeri 4 Kupang	Yes	No	Yes	No	No	11	
22. SMTI Yogyakarta Vocational High School	Yes	No	No	No	No	90	1000
23. SMKN 1 Kotabunan	No	Yes	Yes	No	No	35	310
24. SMK NEGERI 1 JENANGAN, PONOROGO, East Java.	Yes	No	Yes	No	Yes	195	2250
25. SMK BARUNA DUKUHWARU TEGAL	No	Yes	No	No	No	37	303
26. SMK MEDIKA FARMA PETARUKAN	No	Yes	No	No	No	30	216
27. SMK SMTI Pontianak	Yes	No	No	No	No	54	799
28. SMK Taruna Sakti Purwakarta	Yes	No	No	No	Yes	40	470
29. SMK Negeri 2 Surabaya	Yes	No	Yes	No	Yes	16	2666
30. SMK ISLAM JIPANG	Yes	No	Yes	No	No	37	610
31. SMK GLOBAL TEKNOLOGI	Yes	No	Yes	Yes	Yes	19	415
32. Vocational High School Bina Karya 1 Karawang	Yes	No	Yes	No	No	35	766
33. SMK NEGERI 1 SIMPANG EMPAT	Yes	Yes	No	No	No	82	147
34. Vocational High School 2 LPPM RI Majalaya	Yes	No	No	No	Yes	84	1372
35. SMK NEGERI 1 SURABAYA	No	No	Yes	No	No	148	2557
36. SMKN 1 SURABAYA	No	No	Yes	Yes	Yes	148	2557
37. SMK Taruna Terpadu 2 Bogor	No	No	No	Yes	No	98	1620
<b>LAOS PDR</b>							
38. Vientiane Ethnic School	No	Yes	Yes	No	No	59	810
39. Oudomxay Ethnic Bording School	No	No	Yes	No	No	50	578



**MALAYSIA**

40. Sepang Vocational College	No	No	Yes	No	No	19	165
41. KOLEJ VOKASIONAL SUNGAI BULOH	No	No	Yes	No	No	11	78
42. KAJANG Vocational College	No	No	No	No	Yes	101	704
43. KOLEJ VOKASIONAL (PERTANIAN) TELUK INTAN	No	Yes	No	No	No	138	525
44. Kuala Selangor Vocational College (Kolej Vokasional Kuala Selangor)	No	No	Yes	No	No	10	77
45. Shah Alam Vocational College	No	No	Yes	No	No	16	114
46. Keningau Vokasional Kolej	Yes	No	Yes	Yes	Yes	175	850
47. Kulim Vocational College	Yes	No	Yes	No	Yes	9	111
48. LIKAS Vocational College	Yes	No	No	No	Yes	126	814
49. KOLEJ VOKASIONAL SEBERANG PERAI SEBERANG PERAI VOCATIONAL COLLEGE	Yes	No	Yes	No	No	76	462

**MYANMAR**

50. Government Technical High School(Mawhlamyine)	Yes	No	Yes	Yes	Yes	49	379
51. Government Technical High School (Hpa-An)	Yes	No	Yes	Yes	Yes	54	229
52. Government Technical High School (Ywama)	Yes	No	Yes	No	No	72	319
53. Government Tehcnical High School (Mandalay)	Yes	No	Yes	No	Yes	52	279
54. Government Technical High School (Taunggyi)	Yes	No	No	No	Yes	46	214

**PHILIPPINES**

55. Rizal Experimental Station and Pilot School of Cottage Industries (RESPSCI)	No	No	Yes	Yes	Yes	125	3082
56. BACONG National High School	Yes	No	Yes	No	Yes	47	1140
57. Cabarian National High School	No	Yes	No	No	No	37	730
58. Deogracias P. Princesa Memorial High School	Yes	No	No	No	Yes	51	1371
59. Maonon National High School	No	Yes	No	No	No	15	376
60. OMA-OMA National High School	No	Yes	No	No	No	20	545
61. PALAPAS National High School	No	No	No	No	Yes	24	753
62. Ragay National Agricultural and Fisheries School (RNAFS)	No	Yes	No	No	No	52	1326
63. Tanauan School of Fisheries	No	Yes	No	No	No	63	1129
64. GLAN SCHOOL OF ARTS AND TRADES	Yes	No	Yes	No	Yes	141	3090
65. Camiling School For Home Industries	No	Yes	No	Yes	Yes	40	800
66. Dueñas General Comprehensive High School	No	Yes	No	No	No	105	2538
67. Butuan City School of Arts and Trades	No	No	Yes	No	Yes	170	2800
68. Samar National Pilot Opportunity School of Agriculture	No	Yes	No	No	Yes	50	1420
69. Masbate School of Fisheries	Yes	Yes	No	No	No	78	1978
70. Sto. Domingo National Trade School Nueva Ecija, Region III	Yes	No	No	No	No	124	3711
71. CITY OF MEYCAUAYAN VOCATIONAL SENIOR HIGH SCHOOL	No	No	Yes	Yes	No	10	165

**SINGAPORE**

72. Institute of Technical Education	Yes	No	Yes	Yes	Yes	1600	28000
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**THAILAND**

73. Minburi technical College	Yes	No	Yes	No	No	96	3196
74. Suphanburi College of Agriculture and Technology	No	Yes	No	No	No	37	876
75. Ratchaburi Technical College	Yes	No	No	No	Yes	212	5881
76. Surin Vocational College	No	No	No	Yes	No	150	2870
77. Chiang rai Vocational College	No	No	Yes	Yes	No	111	3280

**TIMOR LESTE**

78. Secondary Technical Vocational Education (STVE), Department of Agriculture	No	Yes	Yes	No	No	20	96
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**VIETNAM**

79. LILAMA2 International Technology College	Yes	No	Yes	No	Yes	200	4000
80. Ninh Thuan Vocational College	Yes	Yes	Yes	Yes	Yes	93	1630
81. College of Machinery and Irrigation (VCMI)	Yes	No	Yes	No	Yes	176	5300

7,140 121,879