

Virtual SEA Technical-Vocational Teacher Exchange Program (1st Batch)

5 September- 29 November, 2022

SEAMEO TED coordinated a SEA Technical-Vocational Teacher Exchange Program which took a period of three months started from 5 September to 29 November 2022 virtually. This program was conducted in English as a medium of instruction to fulfill four main objectives: (1) to expose vocational-technical teachers to practicum activities enhancing their content, pedagogical and technological knowledge; (2) to promote cross-cultural understanding of a variety of instructional models from different countries; (3) to enhance a sharing and learning culture among our SEAMEO member countries; and (4) to create a sustainable collaboration and partnership among our network members. Four respective schools from SEA Technical-Vocational high schools and college network joined this program namely Saint Francois Private General and Technical High School (Cambodia), SMK Global Teknologi (Indonesia), Keningau Vocational College (Malaysia), and Palapas National High School (the Philippines). There were **18 classes/subjects** registered in the program namely Bakery, Cosmetology, Culinary, Bakery2, English (World Literature/Oral Communication), Computer System Servicing/ Media Literacy, Physical Education and Health, Food Processing/ Bread and Pastry, Electronics Engineering, Asian History, Tourism, Agriculture (Food Processing), Agriculture (Vegetable Planting), English, Automotive Engineering1, Automotive Engineering2, Accounting1, and Accounting2. **13 teachers** (2 from Cambodia, 4 from Malaysia, 1 from Indonesia, and 6 from the Philippines) actively contributed their instructional services throughout the program. **122 students** (27 from Cambodia, 20 from Indonesia, 45 from Malaysia, and 30 from the Philippines) registered for and attended their chosen classes regularly (some of them registered for and attended more than one class). 8 staff from SEAMEO TED were assigned to work as coordinator in the program. They worked regularly and closely with teachers and students of assigned classes to facilitate the program. Subject and class deliveries are as follows:

- **Classes/Courses from Keningau Vocational College, Malaysia:**
 - **Bakery** class was conducted by **Anita Hj. Md. Yasin** and attended by 12 students (7 from Cambodia and 5 from the Philippines). The course covered how to make Vienna and Festival Bread.
 - **Cosmetology** was taught by **Vienny Balakrishnan**, attended by 14 students (9 from Cambodia and 5 from the Philippines). The course covered the definition of Cosmetology, Facial Treatment, Skin Type and Cleaner Types, Facial Electrotherapy Service (Vacuum Suction), Lymph nodes, Facial Cleansing, how to cleanse your skin properly, Facial Masking, Hair Depilation, Waxing, Waxing Steps, 3.0 Carry Out Client Preparation, and 6.0 Up keep Service area.
 - **Culinary** was taught by **Erma Gagah**, attended by 10 students (5 from Cambodia and 5 from the Philippines). This course covered the Definition of HEAT, 6 effects of heat on foods, 2 factors or changes in cooked foods that determine doneness, the differences

between moist-heat cooking methods, dry-heat cooking methods and dry-heat cooking methods using fat, Introduction of eggs, Principles of egg cookery, Types of breakfast menu, and Preparation of different types of breakfast products.

- **Bakery2** was conducted by **Mujip Munib**, attended by 12 students (7 from Cambodia and 5 from the Philippines). This course covered the process of making cakes (Kuih Getas. Or Getas Cake), How to make Chocolates Mold, and How to make Badak Berendam and the traditional cake in Malaysia.

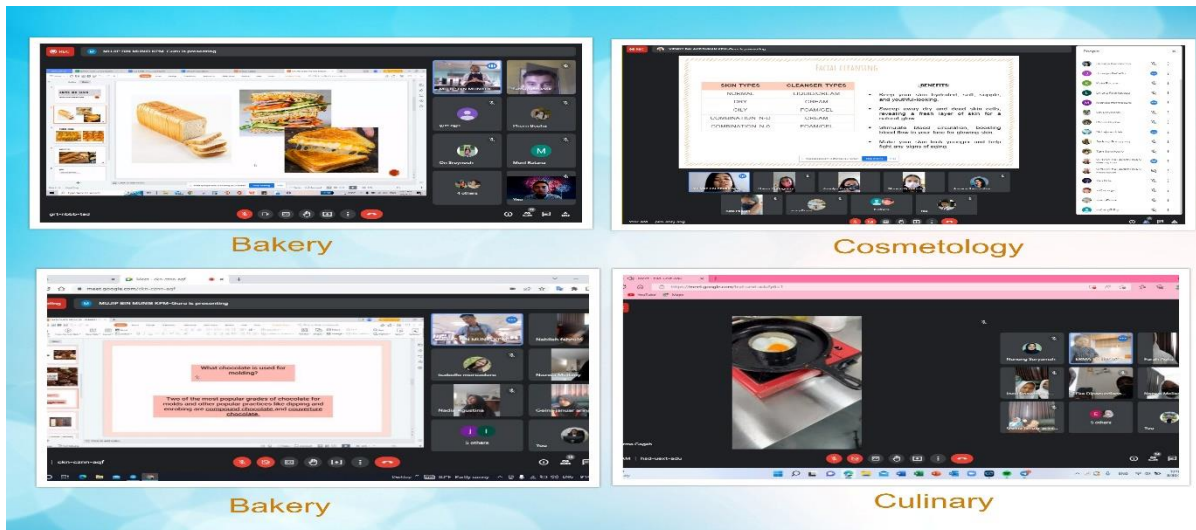


Photo of Classes from Malaysia

- **Classes/Courses from Palapas National High School, the Philippines:**
 - **English (World Literature/ Oral Communication)** was instructed by **Loren Alpapara**, attended by 18 students (8 from Cambodia, 5 from Indonesia, and 5 from the Philippines). This course covered Reading and Speaking Skill, Identify Properties of a well written text, Organization, Coherence and Cohesion, Language Use, Mechanics, Learning Competency, Identifying claims explicitly or implicitly made in a written text, Learning Competency, and Identifying claims explicitly or implicitly made in a written text (Claim of fact, Claim of policy, and Claim of value).
 - **Computer System Servicing/ Media Literacy** was instructed by **Jessica Ibarrientos**, attended by 10 students (5 from Cambodia and 5 from Indonesia). This course covered Media and Information Literacy consists of the knowledge, the attitudes, The sum of the skills needed to know when and what information is needed, Where and how to obtain that information, how to evaluate it critically and organize it once it is found; and how to use it in an ethical way, Issues in Media, the skills needed to know when and what information is needed, Where and How to obtain that information, Evolution of social media, Increasing the use of social media in the world, and Advantages and disadvantages of using social media.
 - **Physical Education and Health** was instructed by **Kimberly Flordeliz**, attended by 14

students (8 from Cambodia and 6 from Malaysia). This course covered the Definition of Physical Fitness, The parts of Physical Fitness, Health Related (Body Composition, Cardiorespiratory Endurance, Flexibility, Muscular Endurance, Power, and Strength), Skill Related (Speed, Balance, Agility, Coordination, and Reaction time), Guidelines for Aerobic Exercise (Frequency, Intensity, Time, and Type), Muscle Strengthening Activities, Bone Strengthening Activities, Managing one's stress though individual, dual and team sports (Physical Activities and Critical Elements), Types of Sports (Individual, dual, and team), The history of tapdance, the basics tapdance moves, Physical activities (Relax, Keep breathing, Eat well, Slow down, Take a break, Make time for Hobbies, Talk about your problems, Go easy on yourself), and Critical Elements (External motivation and Intrinsic motivation) and so on.

- **Food Processing / Bread and Pastry** was instructed by **Charisse Joy Lanuza**, attended by 5 students from Cambodia. The course covered Safety at The Workplace, Cooking Materials, The Food Production of Asia countries, The “5 S” in Japanese productivity Philosophy: Sort, set in order; systematize, Sweep, Standardize, self-discipline, The personal protective equipment and clothing (PPE), First aid rule, and Safety guideline for your work place.
- **Electronics Engineering** was instructed by **Ralph Pramoso**, attended by 7 students (3 from Cambodia and 4 from Malaysia). The course covered Atomic Theory, Conductor, Insulator, How can we make silicon act as a conductor, Germanium, Silicon, Gallium Arsenide, and What a DIODE is, Wave shaping CIRCULT, and What rectification is.
- **Asian History** was instructed by **Christian Manlangit**, attended by 21 students (6 from Cambodia, 5 from Malaysia, and 10 from Indonesia). This course covered Cradle of Civilization, Mesopotamian Civilization, Rise of an Empire and Civilizations, Akkadian Empire, Babylonian Civilization, Assyrian Civilization, and Persian Empire.



Photo of Classes from the Philippines

- **Classes/Courses from Saint Francois General and Technical High School, Cambodia:**

- **Tourism** was instructed by **Nuon Chenda**, attended by 15 students (5 from Malaysia, 5 from Indonesia, and 5 from the Philippines). This course covered What Tourism is, What is in the tourism industry?, Why the tourism industry important?, Who uses tourism?, Global Tourism topics (Economic Issues, Political Issues, Social Issues, Environmental Issue), Environmental Issues, Sustainable Tourism Issues, Tourism Industry Statistics and Trends, The Relationship between Tourism and Community, Types of tourism industry sectors, Accommodation, Attractions and theme parks, Tour operators, Inbound tour wholesaler, Outbound tour wholesaler, Information services, Meetings and Events, Corporate agents, and Airlines.
- **Agriculture (Food Processing)** was instructed by **Chhorn Sreynann**, attended by 10 students (5 from the Philippines and 5 from Malaysia). The course covered What is Food Processing, why we have to study Food Processing, and Factors of food spoilage.



Photo of Classes from Cambodia

- **Classes/Courses from SMK Global Teknologi, Indonesia:**

English was instructed by **Roy Regen Parulian**, attended by 15 students (10 from Cambodia and 5 from Malaysia). This course covered four English skills: Reading, Speaking, Listening, and Writing.



Photo of Classes from Indonesia

Lessons learned:

- Students got new instructional methods and practice from foreign teachers
- Teachers from each school/country have gained new experiences in teaching foreign students with different cultures and languages. As part of action learning, teachers learnt from what they taught by reflecting back
- Network schools that joined the program, had built stronger connection and cooperation with each other
- SEAMEO TED's staff has gained more coordinating and communication skills and experiences from the program.