



วิทยาลัยสารพัดช่างลำปาง
วันที่ ๐๒.๓.๖๖
วันที่ ๓๑.๑.๖๖
เวลา ๐๙.๒๕.๖

ที่ ศธ ๐๖๐๔/ ๑๒๓๒

สำนักงานคณะกรรมการการอาชีวศึกษา
กระทรวงศึกษาธิการ กทม. ๑๐๓๐๐

๓๐ มกราคม ๒๕๖๖

เรื่อง CPSC-Labtech Collaborative Online Regional Program on “Training of Trainers Renewable Energy System Using Virtual TVET”

เรียน ผู้อำนวยการสถานศึกษาสังกัดสำนักงานคณะกรรมการการอาชีวศึกษา

- สิ่งที่ส่งมาด้วย ๑. รายละเอียดการอบรม จำนวน ๑ ฉบับ
๒. ใบสมัคร จำนวน ๑ ฉบับ

ด้วย Colombo Plan Staff College for Technician Education (CPSC) ร่วมกับ Labtech International จัดการอบรมออนไลน์ ในหัวข้อ “Training of Trainers Renewable Energy System Using Virtual TVET” ระหว่างวันที่ ๒๐ - ๒๔ กุมภาพันธ์ ๒๕๖๖ โดยผู้เข้าร่วมจะต้องมีประสบการณ์ทำงานในสาขาวิชาไฟฟ้าหรือวิศวกรรม มีทักษะที่ดีในการเขียนและพูดภาษาอังกฤษ รวมถึงสามารถเข้าร่วมการอบรมได้ตลอดหลักสูตร รายละเอียดตามสิ่งที่ส่งมาด้วย ๑

สำนักงานคณะกรรมการการอาชีวศึกษา จึงขอประชาสัมพันธ์การฝึกอบรมดังกล่าวให้สถานศึกษาในสังกัดทราบ ทั้งนี้ ผู้ที่สนใจกรอกข้อมูลในใบสมัคร ตามสิ่งที่ส่งมาด้วย ๒ และส่งให้สำนักนโยบายและแผนการอาชีวศึกษา ภายในวันที่ ๖ กุมภาพันธ์ ๒๕๖๖ เพื่อดำเนินการในส่วนที่เกี่ยวข้องต่อไป

จึงเรียนมาเพื่อทราบและดำเนินการในส่วนที่เกี่ยวข้องต่อไป

เรียน ผู้อำนวยการ
ด้วย ๑๒๓. ๒๕๖๖
การอบรมออนไลน์
ผู้สมัครงานภาคีการทำงาน
สาขาวิชาไฟฟ้า ๑๒๓. ๒๕๖๖
วันที่ ๒๐-๒๔ ก.พ. ๒๕๖๖
เพื่อโปรดทราบ
กษัตริย์ ๓๑.๑.๖๖

ขอแสดงความนับถือ

เรืออากาศโท

(สมพร ปานดำ)

รองเลขาธิการคณะกรรมการการอาชีวศึกษา ปฏิบัติราชการแทน
เลขาธิการคณะกรรมการการอาชีวศึกษา

สำนักนโยบายและแผนการอาชีวศึกษา
โทร. ๐ ๒๐๒๖ ๕๕๕๕ ต่อ ๓๐๑๒
โทรสาร ๐ ๒๒๘๐ ๑๒๕๒

เรียน ผู้อำนวยการ

- ☒ เพื่อโปรดทราบ
☒ เพื่อโปรดพิจารณา
☒ เห็นควรแจ้ง ๑๒๓. ๒๕๖๖
☐ เห็นควรมอบ ๑๒๓. ๒๕๖๖

- ☒ ทราบ.....
☒ แจ้ง.....
☐ มอบ.....

(นายวิษุทธิ์ ลีจินดา)
ผู้อำนวยการวิทยาลัยสารพัดช่างลำปาง
๓๑.๑.๖๖



Academy

CPSC-LABTECH COLLABORATIVE REGIONAL PROGRAM
GENERAL INFORMATION BROCHURE

ONLINE REGIONAL PROGRAM ON TRAINING OF TRAINERS ON RENEWABLE ENERGY SYSTEM USING VIRTUAL TVET

20 TO 24 FEBRUARY 2023

Organized by:

**COLOMBO PLAN STAFF COLLEGE,
LABTECH INTERNATIONAL LTD. AND LABTECH ACADEMY**

Colombo Plan Staff College

The Colombo Plan Staff College for Technician Education (CPSC) is an autonomous specialised agency of the Colombo Plan. It was established on December 5, 1973 at the 23rd Consultative Committee Meeting of the Colombo Plan held in Wellington, New Zealand to assist the member countries of the Colombo Plan in developing and enhancing the quality of Technical and Vocational Education and Training (TVET) systems through planning and implementation of demand-driven training programs; research and development; information dissemination and consultancy activities in Asia and the Pacific region. It became operational in 1974 with the Republic of Singapore serving as the first host Government. In 1987, CPSC moved to Manila, Philippines upon the invitation of the Philippine Government.

Labtech International Ltd.

Labtech International Ltd. is one of the top designers and producers of TVET systems in the world and No. 1 in Asia. It was founded 30 years ago by educators from the USA, Europe, Australia, and Asia to develop a company that can meet the technical and vocational education needs of industrializing countries around the world. Over the years, it has placed training systems in thousands of educational institutions in more than 85 countries worldwide and trained millions of students.

Labtech customers range from Vocational schools to Technical Institutes/Colleges/Polytechnics and Universities. Also, the military in several of its client countries use its training systems with great effect, including the US Navy. Labtech recently set up a communications training centre for the Indonesian navy in 2020. Its customers appreciate their in-depth knowledge about technical education set in the global environment, practical training approaches towards

skills training, comprehensive training manuals, and installation and training support services.

Labtech has eight ISO certifications ranging from manufacturing to quality control to customer support. They are also one of the few educational companies in the world that achieved ISO certification for Educational Research and Development. This means they deliver consistent and reliable training systems that are expertly developed. The research-based development approach to designing education equipment also extends to their digital development. Over the past five years, Labtech has developed what is probably the most robust, comprehensive, and effective applied pedagogical frameworks for developing digital content and learning. This makes their learning systems work and work very well.

Course Objectives

This program aims to provide the participants with a thorough understanding of the principles of Renewable and Green Technology components and the technologies behind those components. The virtual learning courses feature interactive animated 3D models of the technical item under study. This can be done in a realistic manner and featuring all the major system and subsystem components. The 3D models are realistic in detail, constructed layer by layer, and "assembled" in its animated format. All the 3D Models can be rotated to view from all sides.

Program Contents

This five (5) day online technical training program covers the following:

- Overview of a Digital TVET Framework and What is Virtual TVET
- Understanding How to Adapt and Adopt Blended Learning using Virtual TVET
- How to use a TVET LMS to Deliver Competency-Based Training
- TVET LMS Reporting and Analytics



- Understand the Technical Operation and Troubleshooting of new modern training system
 - Fundamentals of Green and Renewable Energy
 - Supporting Systems
 - Green Technology System Simulations
- How to Incorporate Lesson Plan using Virtual TVET

Certificates of Completion Certified by Worlddidac will be given to participants who will successfully finish the program.

Methodology

The program will be conducted **virtually using the Zoom meeting room** for the real-time online lectures and will utilize the **CPSC-LABTECH Academy Online Portal** to share program materials and to administer online activities.

Course Duration and Venue

The course will be conducted daily from **20 to 24 February 2023 from 1:00 PM to 5:00 PM (Philippine Standard Time)** via Zoom.

Participants' Profile

Participants should be:

- Electrical Teacher/Instructor/Trainer that has significant training experience in TVET institute, or Engineering Department Head involved in the improvement and development of Electrical teaching and learning systems
- Able to attend and actively participate in all the synchronous e-learning sessions
- Nominated by their respective Governments
- Has intermediate or advanced knowledge in Information and Communications Technology
- Proficient in written and spoken English

Terms of Award

This program is being offered to all CPSC participating member countries as a regular program, free of registration fees. Participants who successfully complete the training will be provided with a complimentary one (1) year access to the Renewable Energy System Digital learning Contents, which can be used for teaching and training activities in the participants' respective institutions.

Regulations

Participants are required to comply with the following:

- Strictly observe course schedules and not miss training sessions;
- Actively participate in the discussions and activities; and
- Carry out instructions and abide by conditions as may be stipulated by the nominating Authority or Government and its appointed trainer, with respect to the program.

Application Procedure

(Closing date for nomination: **February 12, 2023**)

The Colombo Plan Staff College is pleased to invite CPSC participating member countries to nominate suitable applicant(s). Selection of candidates will be based on merit. Should there be more applicants than training places, CPSC seeks your understanding in the event that the nominee(s) is not selected.

Applicants for this program must fill out the Application Form at the link provided below and submit the completed and signed form to the CPSC Liaison Office in your country.

Application form:

<https://docs.google.com/uc?export=download&id=1LIW10NGVNGnZ2XX7eIPTO65Ub2oouioB>

Note:

- Participants will receive a certificate of participation from the CPSC upon completion of the training program.
- Only official nominations will be processed. Please send your completed application form to the CPSC Liaison Officer's office in your country.
- We maintain a systematic communication with the CPSC country Liaison Officer's office in relation to program application; please do not send your application directly to CPSC.
- The Colombo Plan Staff College will notify all qualified applicants of the outcome of their applications.
- The Letter of Acceptance (LOA) will be issued to all the accepted participants to the program.

Follow us at:

- CPSC Website: www.cpsctech.org
- Facebook: www.facebook.com/CPSC1973



Inter-Governmental International Organization

COLOMBO PLAN STAFF COLLEGE

for Human Resources Development in Asia and the Pacific Region



Building Block C,
Department of Education Complex,
Meralco Avenue, Pasig City 1600,
Philippines

www.cpsctech.org

☎ (+63-2) 8631-0991, 8631-0993 to 95

@ cpssc@cpsctech.org

f [fb.com/cpsc1973](https://www.facebook.com/cpsc1973)

APPLICATION FORM

Instructions: 1. Please type or print in block letters when filling out this form. Send the completed form to your Ministry for action. 2. Please be guided that items 5, 9 & 13 are not required (these are required fields when attending a face-to-face training program) 3. For smooth communication and sharing of program related information, kindly ensure that your email address is correctly typed. This email address will be used to communicate with you directly as necessary.

FO-PPI/PO
Rev No. 3
8-Jan-2015

PROGRAM
TITLE:

ONLINE REGIONAL PROGRAM ON "TRAINING OF TRAINERS ON
RENEWABLE ENERGY SYSTEM USING VIRTUAL TVET", February 20-24,
2023

1. NAME IN FULL (as written in the passport)	Salutation (e.g. Mr., Ms., Dr., etc.)	First/Given Name	Middle Name	Last/Family Name
2. NATIONALITY	3. COUNTRY			
4. RELIGION	5. DIETARY RESTRICTIONS			
To check the box select the square, then click on it to mark your selection				
6. DATE OF BIRTH	MM: DD: YY:	7. GENDER		
8. COUNTRY OF BIRTH				
9. PASSPORT DETAILS	Number	Place of Issue		
	Date of Issue	Date of Expiry		
10. CONTACT INFORMATION	Home	+() -	Mobile	+() -
	Office	+() -	Fax	+() -
	Personal E-Mail			
11. EMPLOYMENT DETAILS	Organization Name			
	Address			
	Designation			
	Official Email	Website		
12. IMMEDIATE SUPERVISOR	Name in Full			
	Organization Name			
	Designation	Tel. No.		+() -
	E-Mail	Fax No.		+() -
13. EMERGENCY CONTACT	Name			
	Relationship	Contact No.		+() -
14. BASIC QUALIFICATIONS (required)	KNOWLEDGE IN INFORMATION & COMMUNICATIONS TECHNOLOGY	To check the box select the square, then click to mark your selection		
		<input type="checkbox"/> Basic (Typing/word processing, Email) <input type="checkbox"/> Intermediate (Internet, MS Office Applications) <input type="checkbox"/> Advanced (Programming, graphics and multimedia, databases)		
• Please check appropriate box	ENGLISH LANGUAGE	Written:	Spoken:	
		<input type="checkbox"/> Basic <input type="checkbox"/> Intermediate <input type="checkbox"/> Proficient	<input type="checkbox"/> Basic <input type="checkbox"/> Intermediate <input type="checkbox"/> Proficient	

DATE

APPLICANT
(Signature over printed name)

NAME, SIGNATURE, AND OFFICIAL STAMP OF THE CPSC LIAISON OFFICER:

Date

PROFESSIONAL EXPERIENCE

Please begin with your current or most recent designation. In case you need more space than provided, use multiple pages of this portion to list your professional history. If you prefer, you may attach an updated Curriculum Vitae (CV) instead if available.

EMPLOYER NAME AND LOCATION	DESIGNATION	FROM YEAR MONTH	TO YEAR MONTH	JOB RESPONSIBILITIES

DATE

APPLICANT
(Signature over printed name)