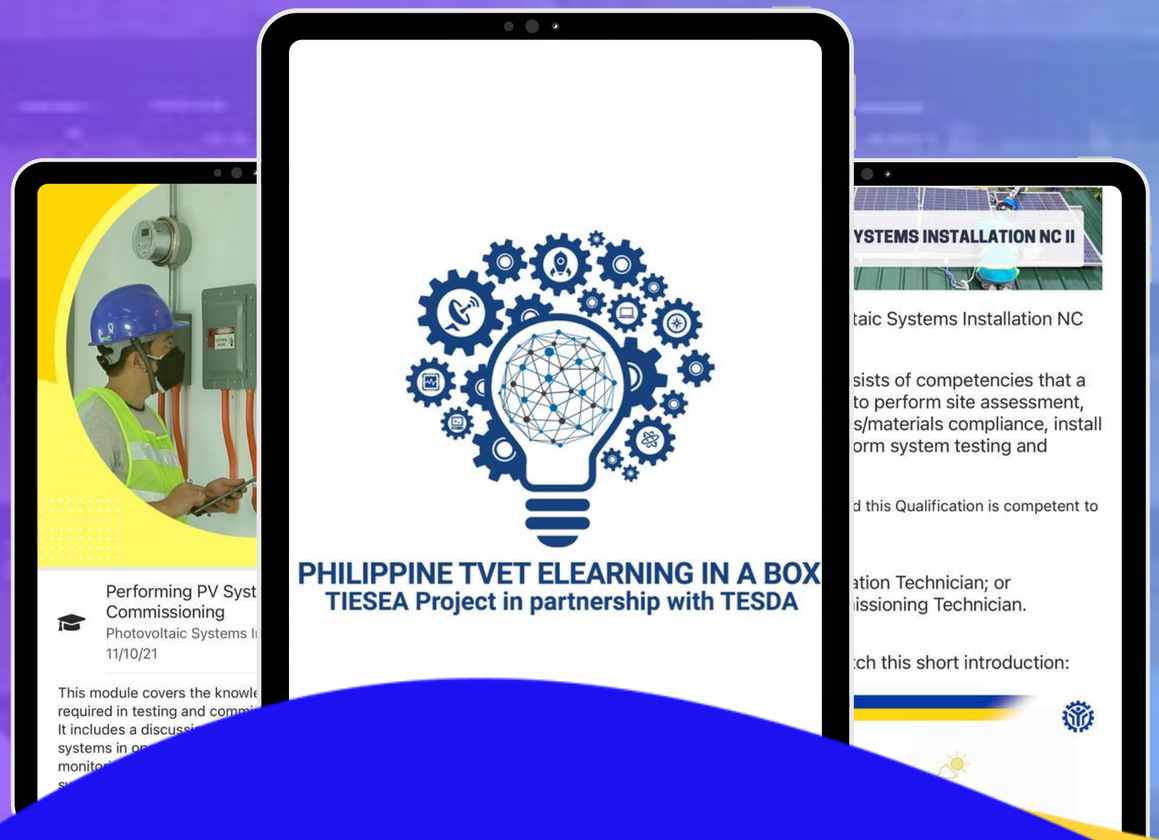


PHILIPPINE TVET ELEARNING IN A BOX:

A study on the use of low-bandwidth educational packages in the delivering TVET

OBJECTIVES

1) Determine the comparative effectiveness of a blended learning delivery through the TOP using its mobile offline and online features;

2) Test the effectiveness of a local server using low cost, energy efficient gadgets and equipment;

3) Determine the overall training and learning experiences of learners and trainers using EdTech.

Project Hypothesis

The EdTech equipment and modern strategies is effective to help improve access, equity and quality in delivering the TVET course Photovoltaic Systems Installation NC II.

JULY TO SEPTEMBER 2022

SELECTION OF PROJECT IMPLEMENTERS

Specific selection criteria for project implementers:

1. Has a registered training program for PhotoVoltaic Systems Installation NC II;

2. Has approved scholarship vouchers implementable within the period of study; and

3. The trainer of the program has participated in the Trainer's Training for Online and Blended Learning using the TOP.

JULY TO SEPTEMBE 2022

SELECTION OF PROJECT IMPLEMENTERS

Region IV-A - PTC Rosario

Region V - RTC Pili

JULY TO SEPTEMBE 2022

SELECTION OF PROJECT IMPLEMENTERS

Region VIII - BNAS

Region XI - RTC Tagoloan

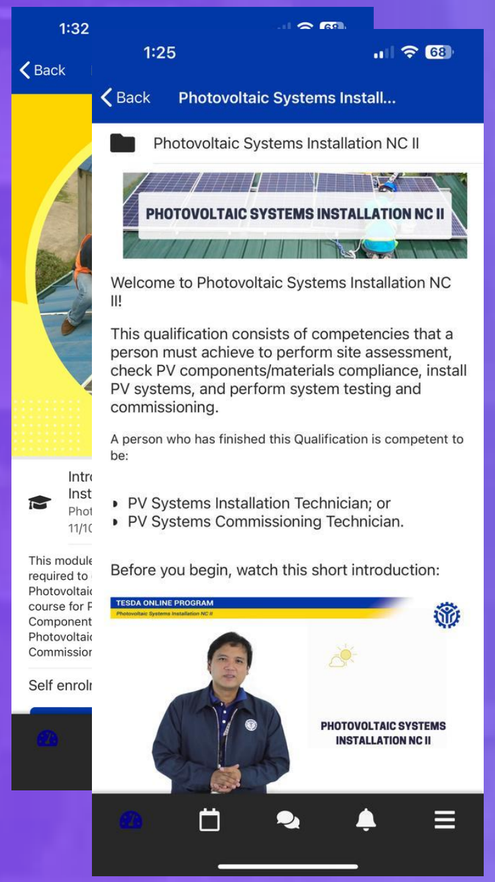
OCTOBER TO NOVEMBER 2022

TRAINERS TRAINING ON BLENDED DELIVERY

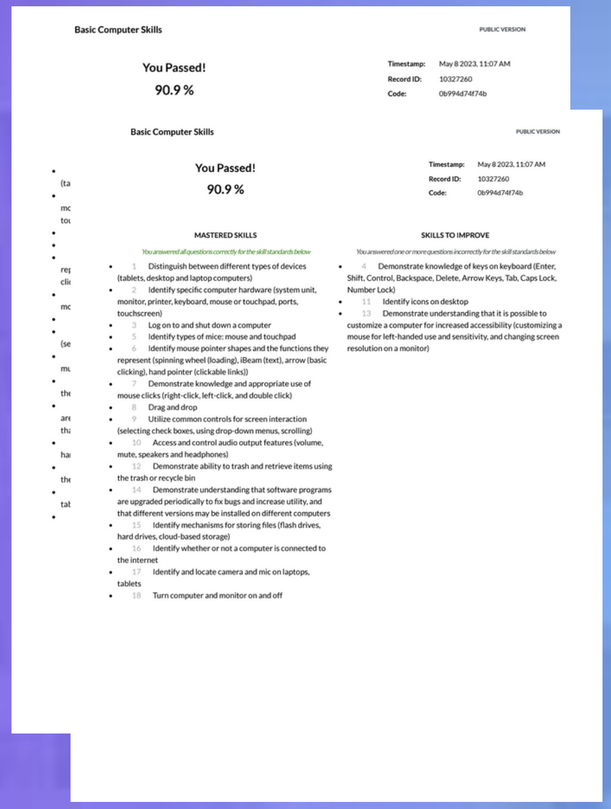
40 hours training on planning, implementing, monitoing and evaluating technology enabled delivery of TVET and use of Moodlebox

DECEMBER 2022 to MAY 2023

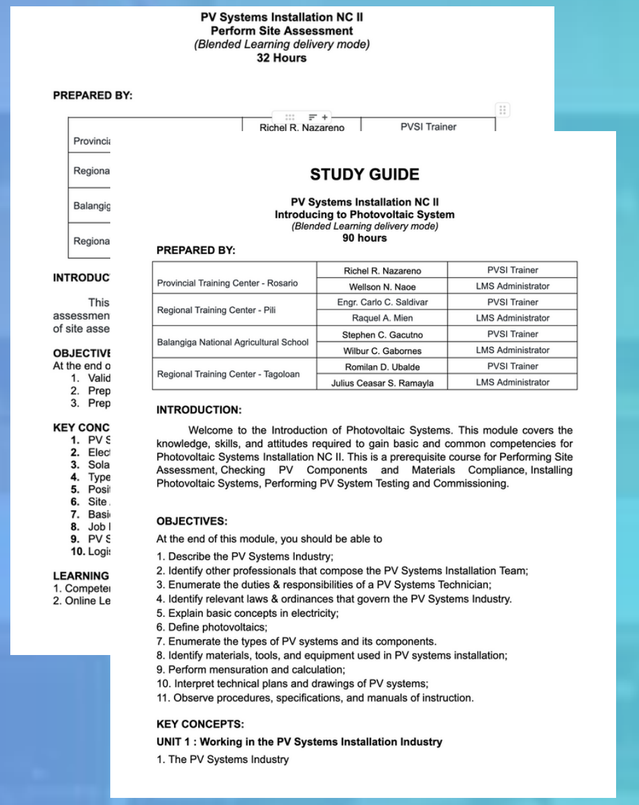
STANDARDIZATION OF LEARNING MATERIALS



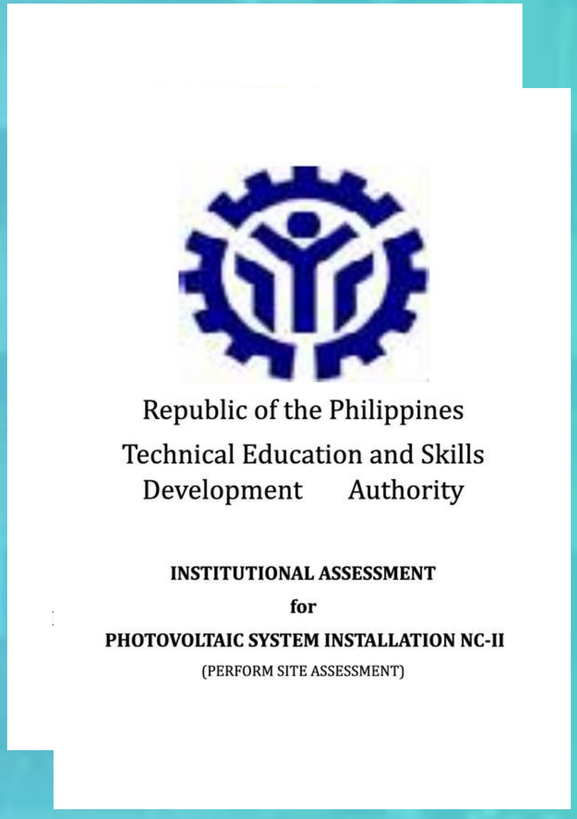
eLearning Materials



Pre-training Assessment



Study Guide



Institutional Assessmen

FEBRUARY TO APRIL 2023

SETTING UP AND DELIVERY OF EDTECH PACKAGE

FEBRUARY TO APRIL 2023

SETTING UP AND DELIVERY OF EDTECH PACKAGE

Design 1: Urban Setting (Using TOP Mobile Application)

- 1 Laptop for Trainer
- 25 Tablets for Trainees
- 1 Mobile Charging Cart
- 1 Router
- 1 UPS

Budget Estimate: PHP 366,000

FEBRUARY TO APRIL 2023

SETTING UP AND DELIVERY OF EDTECH PACKAGE

Design 1: Urban Setting (Using TOP Mobile Application)

- 1 Laptop for Trainer
- 25 Tablets for Trainees
- 1 Mobile Charging Cart
- 1 Router
- 1 Raspberry Pi with SSD and Case
- 1 UPS

Budget Estimate: PHP 390,000

JUNE

2023

CEREMONIAL TURNOVER

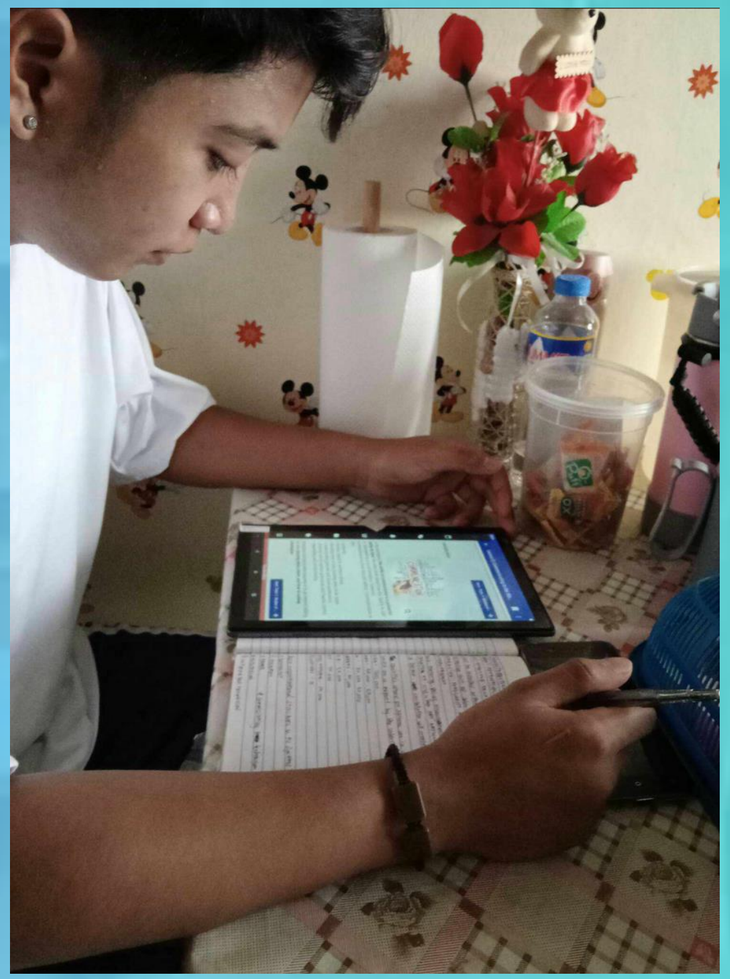
JUNE - NOVEMBER 2023

IMPLEMENTATION OF PILOT BATCHES AND CONDUCT OF MONITORING AND EVALUATION

PTC

JUNE - NOVEMBER 2023

IMPLEMENTATION OF PILOT BATCHES AND CONDUCT OF MONITORING AND EVALUATION



RTC

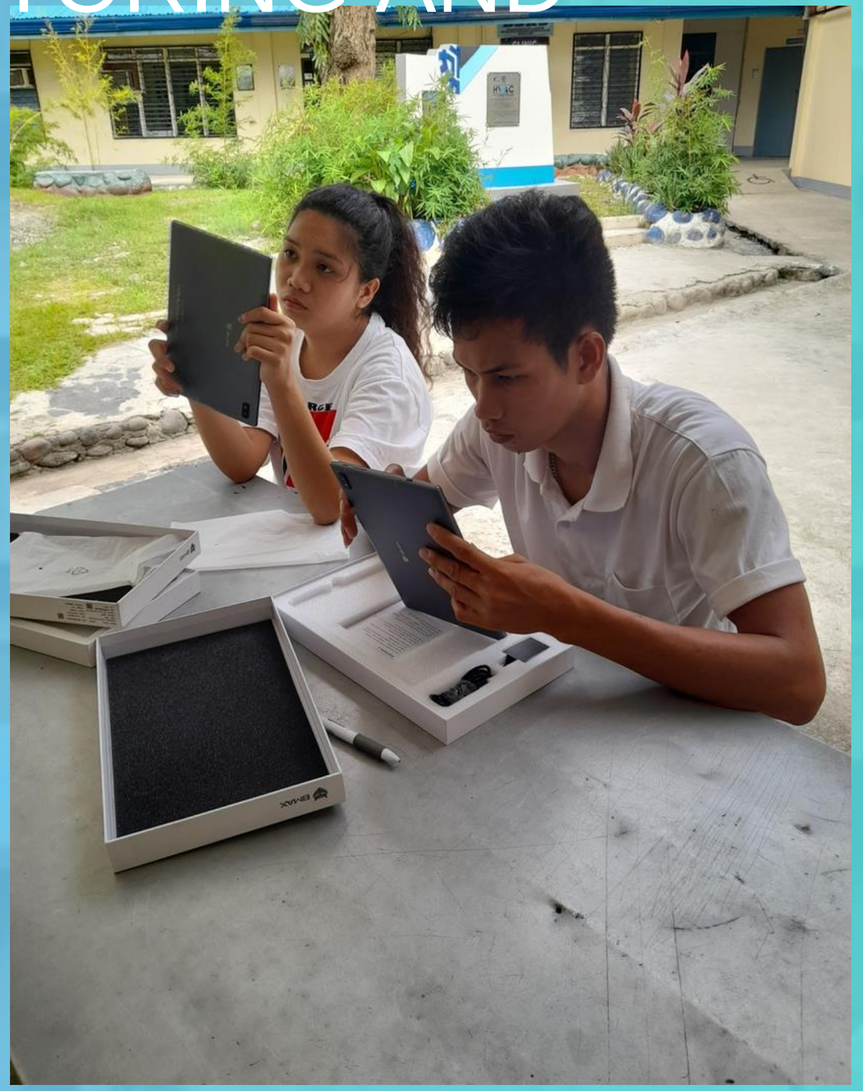
JUNE - NOVEMBER 2023

IMPLEMENTATION OF PILOT BATCHES AND CONDUCT OF MONITORING AND EVALUATION

BNAS

JUNE - NOVEMBER 2023

IMPLEMENTATION OF PILOT BATCHES AND CONDUCT OF MONITORING AND EVALUATION



RTC TAGOLOAN

THANK YOU!