



Republic of the Philippines  
**Department of Education**  
REGION VIII - EASTERN VISAYAS

August 7, 2023

**REGIONAL MEMORANDUM**  
HRDD-2023- **818**

**DEPED REGION VIII PARTICIPANTS TO THE CAPACITY-BUILDING  
WORKSHOP ON LEARNER-CENTERED TECHNICAL  
VOCATIONAL AND LIVELIHOOD EDUCATION**

To: Schools Division Superintendents } SDO Biliran, SDO Calbayog City,  
SDO Catbalogan City, SDO Leyte,  
SDO Maasin City,  
SDO Southern Leyte, and  
SDO Tacloban City

All Others Concerned

1. Attached is a communication from Khalid Hassan, Director, International Labour Organization (ILO), regarding the invitation to the Capacity-Building Workshop on Learner-Centered Technical Vocational and Livelihood Education on August 14-16, 2023 at the University of the Philippines National Institute of Science and Mathematics Education (UP NISMED), Diliman, Quezon City, for information and guidance of all concerned.

2. The official participants are as follows:

Name	Schools Division Office
1. Julie Ann R. Corpin	Biliran
2. Haidee B. Asis	Calbayog City
3. Jeffrey L. Teña	Catbalogan City
4. Devvie Jane V. Sumalinog	Catbalogan City
5. Krischelle D. Jadulco	Leyte
6. Kristine Dorothy R. Rodriguez	Leyte
7. Victor D. Dumaguit	Maasin City
8. Neil Charlee B. Lagumbay	Southern Leyte
9. Rachel D. Peñalosa	Tacloban City
10. Eleuterio, Jr. G. Camarines	Tacloban City

3. Accommodations, flights from the region to the venue, food, and conference fees of the participants shall be charged to ILO, while the travel and incidental expenses of the participants shall be charged against their respective Office/school's



local fund/MOOE, subject to the usual accounting and auditing rules and regulations.

4. Immediate dissemination of and compliance with this Memorandum are desired.

  
**EVELYN R. FETALVERO, CESO IV**  
Regional Director 

Enclosures: As stated

References: As stated

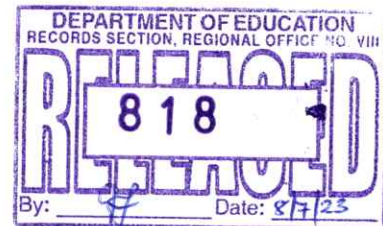
To be indicated in the Perpetual Index under the following subjects:

CAPACITY-BUILDING

TVL

WORKSHOP

HRDD-RVR

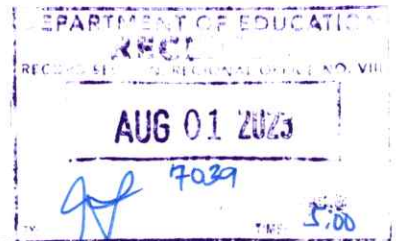




International  
Labour  
Organization

► ILO Country Office for the Philippines

T: + 632 85809900  
E: manila@ilo.org  
R: PHT/2023/183-LV/cms



EVELYN R. FETALVERO, CESO IV  
Regional Director  
Department of Education Region 8



26 July 2023

**Subject: Invitation to the Capacity Building Workshop on Learner-Centered Technical Vocational and Livelihood Education, on 14-16 August 2023, at the University of the Philippines National Institute of Science and Mathematics Education (UP NISMED), Diliman, Quezon City**

Dear Regional Director Fetalvero,

The Skills for Prosperity Project in the Philippines (SfP-Philippines), funded by the UK Government and implemented by the International Labour Organization (ILO), works with key government agencies, employers' organizations, trade unions, and other stakeholders to further boost skills development and technical vocational education systems in the country.

As part of its work in supporting technical vocational system in the country, particularly in Regions 6,7,8, and in line with the *MATATAG: Bansang Makabata, Batang Makabansa Programme*, the Basic Education Development Plan 2030, and the Philippine Professional Standards for Teachers (PPST) of the Department of Education, on promoting inclusive education and providing support to teachers to teach better, the SfP-Philippines, in cooperation with the Center for Integrated STEM Education (CISTEM) will be holding a **Capacity Building Workshop on Learner-Centered Technical Vocational and Livelihood Education** scheduled on 14-16 August 2023 at the University of the Philippines National Institute of Science and Mathematics Education (UP NISMED), Diliman, Quezon City.

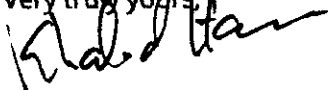
The in-person capacity-building workshop is designed to introduce to teachers the learner-centered dimensions of technical vocational education training, which emphasize the connection between theory and practice, of regulatory and reflective skills that can support learners in understanding the relevance of school learning to real work.

As part of our support for capacity building of technical vocational and livelihood education teachers, we are sponsoring the participation of **10** participants from your region, preferably composed of TVL teachers, Science and TVL Education Program Supervisors (EPS), Chief Education Supervisor or Head of Curriculum and Instruction, and school heads of schools/divisions that offer Cookery, Computer Systems Servicing, Agri-Crop Production, and Electrical Installation and Maintenance, Science, and Math. **The ILO shall support the accommodations, flights from the region to the venue, food, and conference fees of the endorsed participants.** Attached is the program for the workshop.

*Handwritten:*  
DWW, emml  
7/31/23  
9:15

We look forward to the attendance of your region to this workshop. Please confirm your list of participants by 4 August 2023. For more information, please contact our Senior Project Officer, Ms Linartes M. Vitoria at [vitoria@ilo.org](mailto:vitoria@ilo.org) or at her mobile number 09178710436. We look forward to working with the Department on this initiative that will support our learners and teachers.

Very truly yours,



**Khalid Hassan**

Director



International  
Labour  
Organization



UK Government



**Workshop on Learner-Centered Approaches for Technical Vocational and Livelihood  
Education (TVL) in the Basic Education Sector  
14-16 August 2023 / UP-NISMED**

The Skills for Prosperity Project in the Philippines (SfP-Philippines), funded by the UK Government and implemented by the International Labour Organization (ILO), works with key government agencies, employers' organisations, trade unions and other stakeholders to further boost skills development and technical vocational education systems in the country.

The International Labour Organization (ILO) recognizes the benefits of inclusive education, particularly in technical vocational education and training (TVET). Aside from promoting the well-being of individual trainees, an inclusive TVET contributes to the economic competitiveness of a country (ILO, 2020). However, there are several components of TVET where exclusion might happen such as access, curriculum, learning delivery, learning resources, assessment, and transition to work (ILO, 2020). To ensure that TVET remains inclusive, the above-mentioned components should be responsive to the needs of the learners.

### **Background of the Workshop**

Inclusive education stems from the premise that all learners have unique characteristics, interests, abilities, and specific needs. It recognizes that all learners must have equal access to educational opportunities and must receive individual accommodation in the teaching and learning process. An inclusive education system accommodates all students whatever their abilities or requirements, and at all levels – pre-school, primary, secondary, tertiary, vocational, and life-long learning (UNICEF, 2017). Critical to inclusive quality education is the use of learner-centred approaches, which puts students' learning at the front and center of the teaching and learning process. For TVET, the European Centre for the Development of Vocational Training (CEDEFOP) has defined learner-centred pedagogy as *"a range of learning theories, teaching methods, and teaching cultures that make education more responsive and accessible to learners; aligned with the nature of learning processes; linked with the interests, capacities, and needs of individual learners; and associated with learning outcomes that are defined in the curricula"*.<sup>1</sup> CEDEFOP further reported that learner-centred approaches in TVET are effective in improving learners' achievement, motivation, engagement, satisfaction, and progression.<sup>2</sup> Through learner-centred approaches, learners can understand the relevance of "school learning" to real work, which is critical in shaping occupational aspirations as well as transitioning to employment.

In preparation for the new school year 2023-2024 and in support of the Deped Basic Education Development Program 2023, and the MATATAG agenda, which prioritizes **making** the curriculum relevant to produce job-ready, active, and responsible citizens, **taking** good care of

<sup>1</sup> Cedefop (2015). Vocational pedagogies and benefits for learners: practices and challenges in Europe. Luxembourg: Publications Office of the European Union. Cedefop research paper; No 47. [https://www.cedefop.europa.eu/files/5547\\_en.pdf](https://www.cedefop.europa.eu/files/5547_en.pdf)

<sup>2</sup> Ibid.

learners by promoting learner well-being, inclusive education, and a positive learning environment; and **giving** support for teachers to teach better, the ILO Skills for Prosperity Programme and the Center for Integrated STEM Education is organizing a workshop on learner-centered approaches to provide teachers with the teacher tools to placing students at the front and center of the teaching and learning process, for TVL subjects.

The capacity-building workshop will be designed for 3 full days of in-person training. It will introduce to the participants the learner-centred dimensions of TVET, which emphasize the formation of VET identity, the connection between theory and practice, the “learning by doing” approach, authenticity of tasks, coaching, and the development of regulatory and reflective skills. Participants in the workshop will also be immersed in different learner-centred, activities and assessments that are appropriate for TVET qualifications.

### Objectives

- To introduce participants to learner-centered dimensions of TVET learning
- To provide teachers and school administrators a toolbox of learner-centered approaches in TVL learning
- To help teachers design learner centered techniques in TVL subjects using learning exemplars in selected TVL subjects

### Workshop Expectations

At the end of the workshop, participants are expected to:

- analyze dimensions of learner-centred approaches that are relevant to their respective TVET qualifications;
- demonstrate best TVET practices that demonstrate “learning by doing” approach, theory-practice connections, task authenticity, and development of self-regulation and reflective skills suited for TVL learners
- try out learner-centred activities and assessments; and
- redesign existing lesson plans and create learner-centred worksheets

### Expected Participants

The workshop is recommended for TVL teachers, Science and TVL Education Program Supervisors (EPS), Chief Education Supervisor or Head of Curriculum and Instruction Division, and School Heads of schools/divisions offering Cookery, Computer Systems Servicing, Agri-Crop Production, and Electrical Installation and Maintenance.

**Proposed Workshop Programme**  
14 - 16 August 2023 / UP-NISMED

Schedule	Topics/Activities
Day 0	<p><b>Arrival at Venue</b></p> <ul style="list-style-type: none"> <li>○ Check-In at Hotel</li> </ul>
Day 1	
8:00 – 8:30 am	<p>Opening Program Welcome Remarks Executive Director, CISTEM</p> <p>Message of Support <b>H.E. Laura Beaufile</b> British Ambassador to the Philippines and Palau</p> <p>Message of Support <b>Mr Khalid Hassan, Country Director</b> International Labour Organization</p> <p>Message of Support <b>Undersecretary Gina O. Gonong</b> Department of Education</p> <p>Introduction of the ILO Skills for Prosperity Programme <b>Mr Cezar Dragutan</b></p>
8:30-9:30 am	<p>ILO Skills for Prosperity Programme</p> <p>Panel Discussion <b>MATATAG na TVL: Empowering Teachers to Cultivate Job-Ready, Active, and Responsible Learners</b></p> <p><b>Salustiano T. Jimenez, EdD, JD, CESO V</b> Regional Director, Department of Education Region 7</p> <p><b>Evelyn R. Fetalvero, CESO IV</b></p>

	<p>Regional Director, Department of Education Region 8</p> <p><b>Dr. Ramir B. Uytico, CESO IV</b> Regional Director, Department of Education Region 6</p> <p>Moderator: <b>Dr Sheryl Lyn Monterola, Director, UP NISMED</b></p>
9:45 – 10:00 am	<b>Health Break</b>
10:00 – 10:30 am	<p><b>Workshop Proper</b></p> <ul style="list-style-type: none"> <li>• Introduction of Participants</li> <li>• Orientation</li> <li>• Inclusive Education and Learner-Centeredness</li> <li>• Guiding Principles of Learner-Centeredness</li> <li>• Alignment of Learner-Centeredness with Philippine TVET</li> </ul> <p>Resource Person: <b>Dr Sheryl Lyn Monterola, Director, UP NISMED</b></p>
10:30 – 12:00 nn	<p><b>Workshop 1: Learner-Centred TVL Concepts</b></p> <ul style="list-style-type: none"> <li>• Theory-Practice Connection</li> <li>• Constructivist Approaches</li> </ul> <p><b>Activities</b></p> <ul style="list-style-type: none"> <li>• SCAMPER Invention Algorithm for Creativity and Entrepreneurial Mindset in TVET</li> <li>• Integrative Activity on Tools, Purpose, and Safety</li> </ul> <p>Resource Person: <b>Dr Sheryl Lyn Monterola, Director, UP NISMED</b></p>
12:00 – 1:00 pm	<b>Lunch</b>
1:00 – 2:45 pm	<p><b>Workshop 2: Learner-Centred TVL Concept</b></p> <ul style="list-style-type: none"> <li>• Formation of VET Identity</li> </ul> <p><b>Activity</b></p> <ul style="list-style-type: none"> <li>• Persona Mapping of TVL learners (Personal Competencies and Skills (PeCS) career aspirations, and potential jobs)</li> </ul>



	<ul style="list-style-type: none"> <li>Reflection on TVL learner persona, current learning delivery, national certification, PeCS of practicing employee/entrepreneur</li> </ul> <p>Resource Person: <b>Mr Melvin Magsayo, Deputy Director, CISTEM</b></p>
2:45 – 3:00 pm	<b>Health Break</b>
3:00 – 4:45 pm	<p><b>Workshop 3: Learner-Centred TVL</b></p> <p><b>Concept</b></p> <ul style="list-style-type: none"> <li>Authenticity of Tasks</li> </ul> <p><b>Activity</b></p> <ul style="list-style-type: none"> <li>Kahoot Quiz: Numeracy in the Workplace</li> <li>Problem Scenarios, Troubleshooting, and Continuous Improvement</li> </ul> <p>Resource Person: <b>Dr Sheryl Lyn Monterola, Director, UP NISMED</b></p>
4:45 – 5:00 pm	<b>Wrapping Up</b>
<b>Day 2</b>	
8:30 – 9:00 am	<p><b>Management of Learning</b></p> <ul style="list-style-type: none"> <li>Energizer</li> <li>Key Takeaways from Day 1</li> </ul>
9:00 – 10:30 am	<p><b>Workshop 4</b></p> <p><b>Concept</b></p> <ul style="list-style-type: none"> <li>Adaptive Instruction and Coaching</li> </ul> <p><b>Activity</b></p> <ul style="list-style-type: none"> <li>Work Process Matrix</li> <li>Guided Problem Solving</li> </ul> <p>Resource Person: <b>Asst Prof Rachel Ramirez, Faculty, UP College of Education</b></p>
10:30 – 10:45 am	<b>Health Break</b>
10:45 – 12:00 nn	<p><b>Workshop 5</b></p> <p><b>Concept</b></p> <ul style="list-style-type: none"> <li>Development of Self-regulation and Reflective Skills</li> </ul> <p><b>Activity</b></p> <ul style="list-style-type: none"> <li>Task Analysis</li> <li>Compass Points Reflection Activity</li> </ul> <p>Resource Person: <b>Asst Prof Rachel Patricia Ramirez, Faculty, UP College of Education</b></p>

12:00 – 1:00 pm	<b>Lunch</b>
1:00 – 3:00 pm	<p><b>Workshop 6: Learning Delivery and Assessment Concept</b></p> <ul style="list-style-type: none"> <li>Contextualization of Learner-Centered Approaches in TVL</li> </ul> <p><b>Activity</b></p> <ul style="list-style-type: none"> <li>SOAR HIGH (Setting, Organizational Ecosystem, Actions, Resources) (Hands-on, Innovative, Goal-Oriented, Holistic)</li> </ul> <p>Resource Person: <b>Asst Prof Hazel Joyce Ramirez, Faculty, UP College of Education</b></p>
3:00 – 3:15 pm	<b>Health Break</b>
3:15 – 5:00 pm	<p><b>Industry Panel</b></p> <p><b>Skills Demands of the Industry: How Basic Education Can Align?</b></p> <ul style="list-style-type: none"> <li>Engr. Limuel Razo, Vice President for Manufacturing, Amherst Laboratories (Unilab) (TBC)</li> <li>Mr. Allan Timonera, President, Fastech (TBC)</li> <li>Mr. Conrad Artagame, Senior HR Business Partner, Western Digital</li> <li>Mr. Carlo Sagun, Executive Director, Bayan Innovation Group</li> </ul> <p>Moderator: <b>Dr Sheryl Lyn Monterola, Director, UP NISMED</b></p>
<b>Day 3</b>	
8:30 – 9:00 am (AM)	<p><b>Management of Learning</b></p> <ul style="list-style-type: none"> <li>Energizer</li> <li>Key Takeaways from Day 2</li> </ul>
9:00 – 12:00 nn	<p>Writeshop: Redesigning existing lesson plans and creating learner-centred TVL lesson plans</p> <p><i>*Working break</i></p> <p>Resource Person: <b>Dr Sheryl Lyn Monterola, Director, UP NISMED</b></p> <p>Coaches: <b>Mr Melvin Magsayo, Deputy Director, CISTEM</b>  <b>Asst Prof Rachel Patricia Ramirez, Faculty, UP College of Education</b>  <b>Asst Prof Hazel Joyce Ramirez, Faculty, UP College of Education</b>  <b>Asst Prof Ramon Sanchez III, Faculty, UP College of Education</b>  <b>Dr Edwehna Elinore Paderna, Faculty, UP College of Education</b>  <b>Asst Prof Tristan Orbeta, Faculty, UP College of Education</b></p>
12:00 – 1:00 pm	<b>Lunch</b>
1:00 – 4:00 pm	<b>Presentation of Outputs</b>
4:00-4:30pm	<p><b>Next Steps and Insights</b></p> <p><b>Representatives from BLD, BCD, and NEAP (TBC)</b></p>

4:30 – 5:00 pm **Closing Remarks**

Day 4

**Departure**

- Check-out from Hotel

#### **Secretariat**

Ms. Nora Mae Gareza, Program Officer, CISTEM

Mr. Aljhun Datchberli Tapalla, CISTEM

#### **Profile of Resource Persons, Coaches, and Secretariat**

##### **Dr Sheryl Lyn Monterola, Director, UP NISMED**

Director, UP NISMED

Professor 6, UP College of Education

International Consultant, Integration of STEM-related Generic Skills into TVET and Skills

Training, Skills for Prosperity in Southeast Asia Programme, International Labour

Organization – Malaysia, June 2021 – Aug 2023

Senior Technical Consultant, CISTEM, September 2021 - present

Executive Director, CISTEM, Jan 2019- September 2021

Core Team Member, Education Futures Programme, Department of Education, 2023

Program Leader, Education Futures Programme, Department of Education, 2020-2022

Project Leader, Developing the Basic Education Exit Assessment, UP College of Education

through Department of Education – Bureau of Education Assessment, Dec 2019 – October 2020

Course Developer, STEM Education Master Course for Teachers, Department of Information and Communications Technology

Visiting Researcher, National Institute of Education, Nanyang Technological University, Singapore (2016-2017)

##### **Mr Melvin Magsayo**

Deputy Director, CISTEM

Center Manager, CISTEM, 2020-2021

Teacher III, Iligan City National High School

PhD Student, PhD in Biology Education, University of the Philippines-Diliman

##### **Dr Edwehna Elinore Paderna, Faculty, UP College of Education**

Associate Professor 6, UP College of Education

Division Chair, Division of Curriculum and Instruction, UP College of Education, 2019-2022

Program Director, CISTEM, 2019 – present

Executive Vice President, Philippine Association of Chemistry Teachers, Inc. (PACT)

Board Member, Philippine Federation of Chemistry Societies (PFCS)

Course Developer, STEM Education Master Course for Teachers, Department of Information and Communications Technology

##### **Asst Prof Rachel Patricia Ramirez, Faculty, UP College of Education**

Assistant Professor 7, UP College of Education

Assistant Principal for Academic Programs, UP Integrated School (2017-2020)

Lecturer, UP College of Education (Nov 2008 – 2017)

Supervising Teacher, Student Teaching Program, UP College of Education (Oct 2003 – Dec 2019)

Cooperating Teacher, Practice Teaching of Ehime University students, UP Integrated School  
Visiting Lecturer, Ehime University Good Practice Project  
Head, Office of Research, Development and Publication (ORDP), UP Integrated School (Jun 2010  
- 2014)  
Head, Department of Science, UP Integrated School (Jun 2008 – May 2010)

**Asst Prof Hazel Joyce Ramirez, Faculty, UP College of Education**

Assistant Professor 7, UP College of Education  
Content Specialist, Quipper Philippines, April 2017 to August 2017; January 29, 2018 to April 5,  
2018  
Content Writer and Reviewer, Singapore Asia Publishers, March 2015 to June 2015  
Research Associate, Versatile Instrument System for Science Education and Research (VISSER),  
June 2013 to May 2014

**Asst Prof Ramon Sanchez III, Faculty, UP College of Education**

Assistant Professor 1, UP College of Education  
Science Education Specialist 1, UP NISMED, Nov 2018 – Dec 2021  
Science Education Associate 2, UP NISMED, June 2013 – Nov 2018  
High School Chemistry and Physics Teacher, Colegio San Agustin-Makati, Jun 2010 –  
Apr 2013  
High School Chemistry and Physics Laboratory Teacher, Saint Pedro Poveda College,  
Jun 2009 – Apr 2010

**Asst Prof Tristan Orbeta, Faculty, UP College of Education**

Assistant Professor 3, UP College of Education  
Course Developer, STEM Education Master Course for Teachers, Department of Information and  
Communications Technology  
Center Manager, CISTEM, Jan-Dec 2019  
Biology Content Developer, Techfactors, Inc., Dec 2018 – Mar 2019  
Lecturer, Far Eastern University, Aug – Dec 2018  
ESL Teacher, Dewey International Education Co., Ltd., Dec 2014 – Aug 2018

**Ms Nora Mae Gareza**

Project Officer, CISTEM  
High School Chemistry Teacher, San Beda Antipolo  
Candidate, MAEd Physics Education, University of the Philippines-Diliman

**Mr Aljhun Datchberil Tapalla**

Project Officer, Advanced Manufacturing Workforce Development Project, CISTEM  
Technical Director, CISTEM (2019 – 2022)  
Licensed Social Worker