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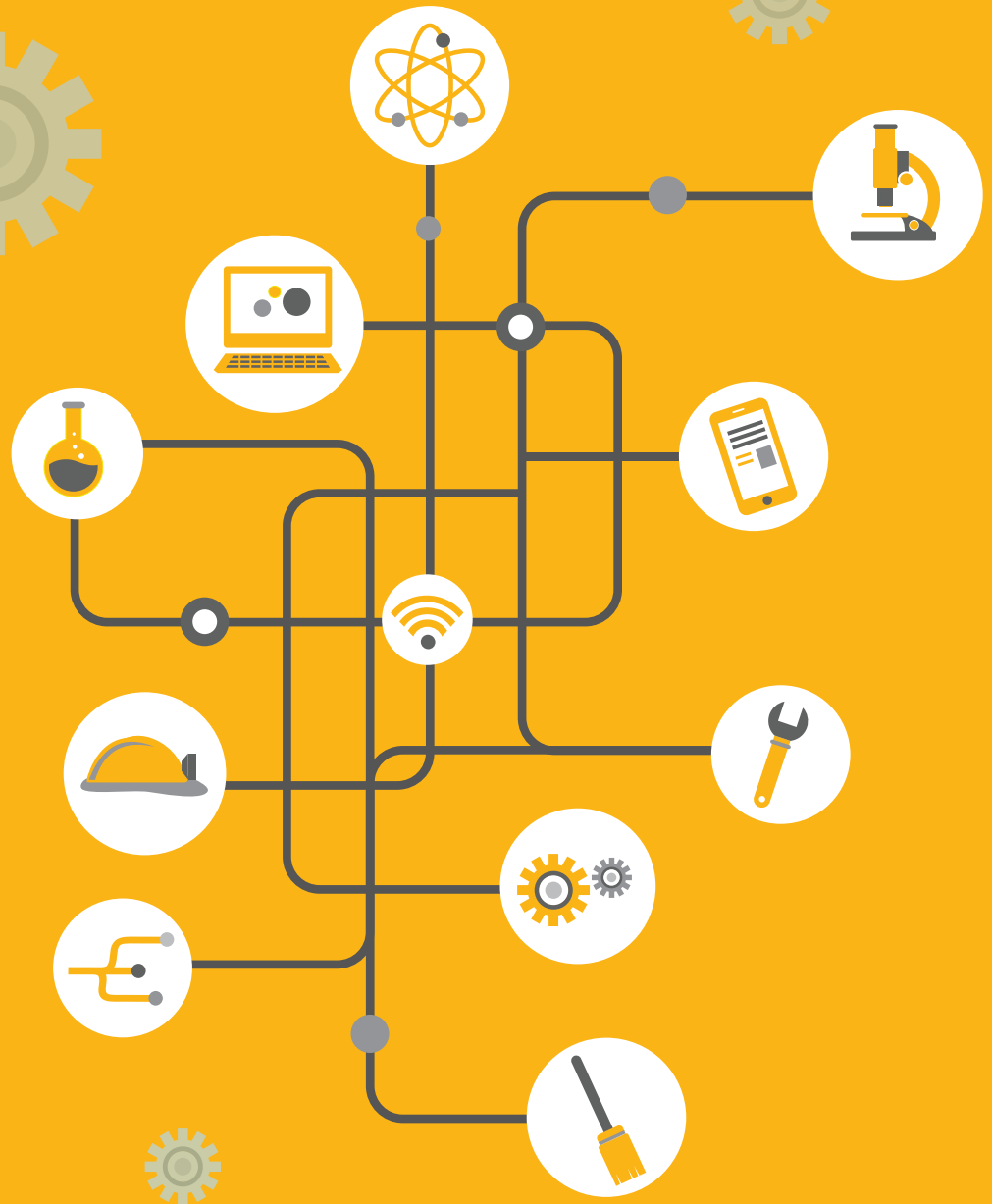


ADB

9th International Skills Forum

Reimagining Education and Skills Development for a New Normal

23 August 2021 • 1–5 p.m. (Manila time)
24 to 27 August 2021 • 2–6 p.m. (Manila time)

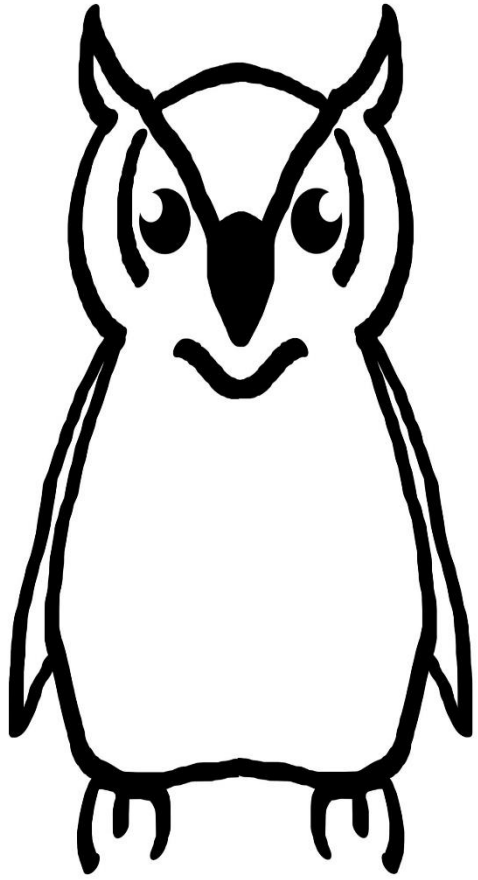
Planning Prosperity Together

Innovation in TVET Professional Development

Ramhari Lamichhane, PhD
Director General, CPSC
Manila, Philippines

Presentation Outline

- About CPSC
- CPSC's Learning Management System
- Problems of Online Delivery
- Innovation in Learning



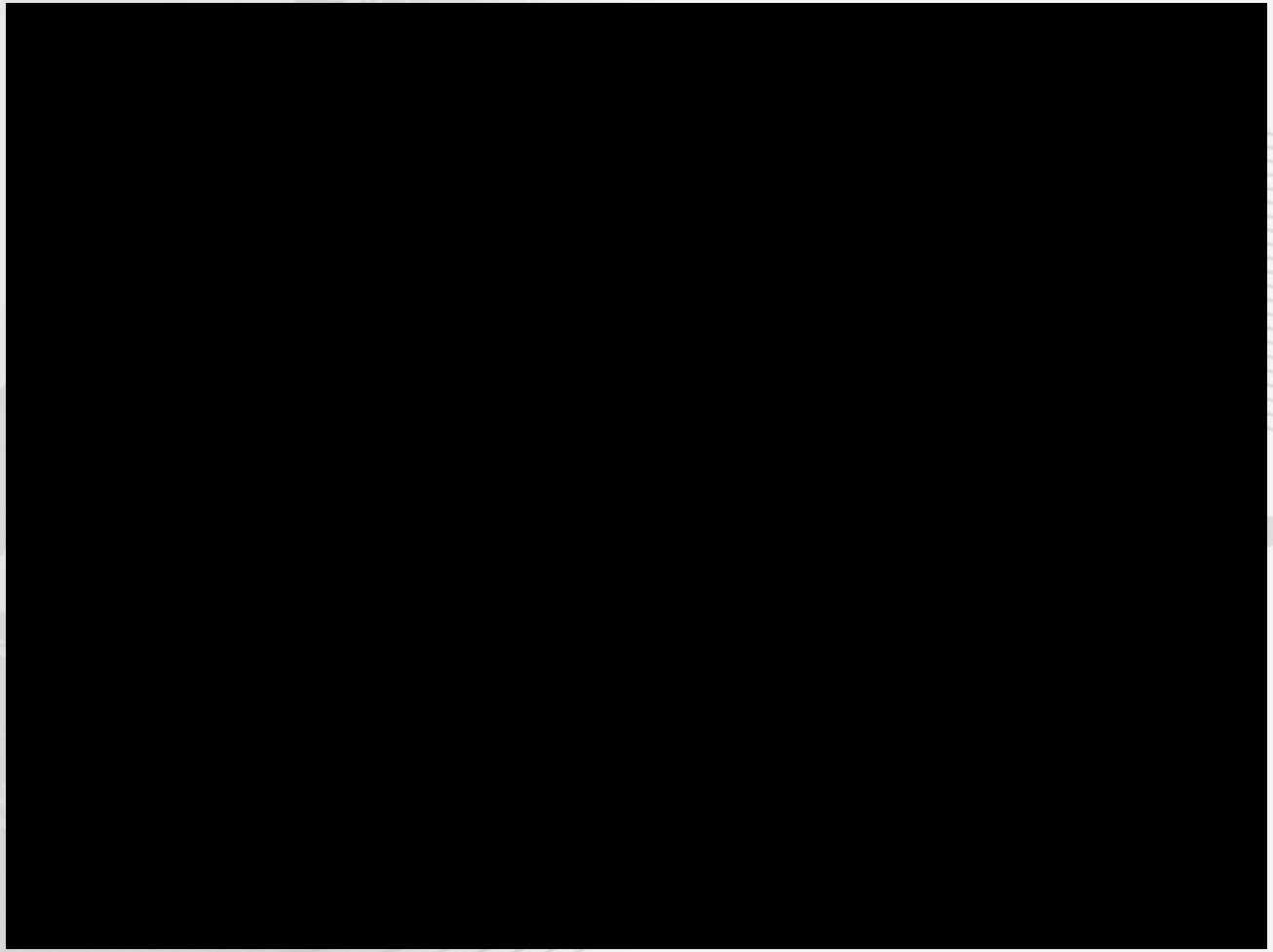
About CPSC

- Intergovernmental Organization (16 Active Member Countries)
- Since 1973
- Situated in Manila, Philippines

Vision:
The Inter-governmental TVET Leader for Sustainable Development

Strategic Goal:
Enhance the quality of TVET programs and services for sustainability and global competitiveness

CPSC Learning Management System



Common Problems in CPSC Online Delivery

1.Internet bandwidth reliability

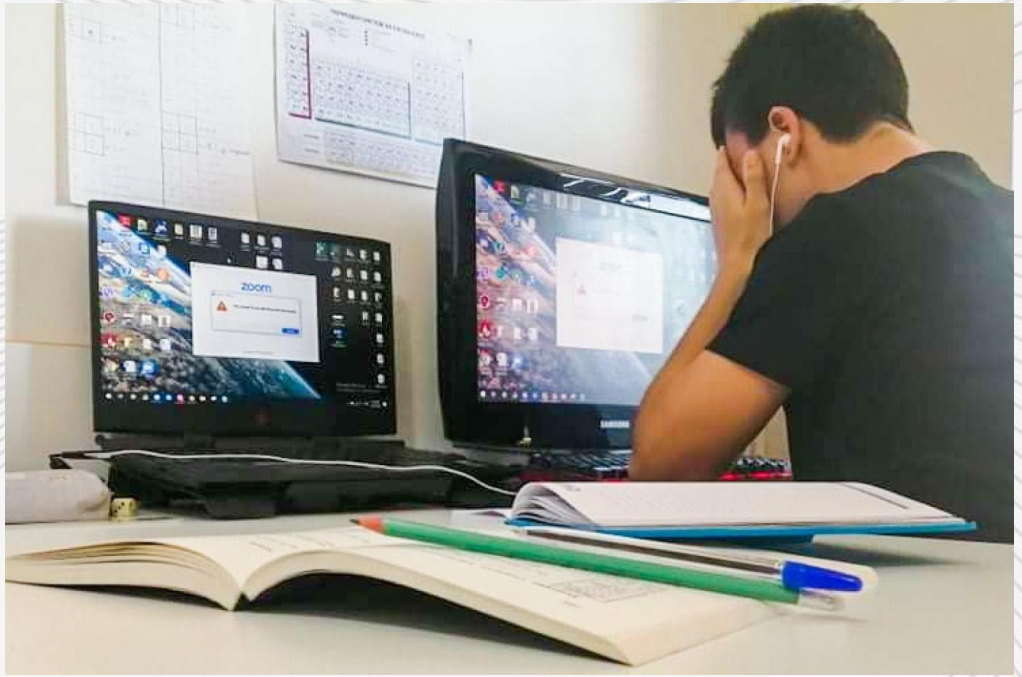
Home broadband internet tend to have poor customer service support resulting to intermittent connections. Also connecting to cellular networks (5G/4G) in densely populated areas will have in low bandwidth connections.

2.Technical issues

Unavailability of IT support personnel for troubleshooting of devices.

3.Digital literacy

Pure synchronous online learning relies heavily in digital technologies where some users will not be familiar.



Common Problems in CPSC Online Delivery

4.Motivation

Absence of face to face learning workshop will have less motivation for knowledge and experience sharing.

5.Screen fatigue

Eye strain caused by long exposure to LED/LCD screen.

Innovation in TVET

- **Strategic**
- **Organizational**
- **Infrastructure**
- **Teaching and Learning**

Strategic Innovation

- Developing Strategic Plan with Flexible Approaches
- Developing Courses with 21st Century Skills
- Converting Courses to Blended Learning (F2F & ODL)
- Setting Targets to Increase Learners through ODL
- Achieving Government Performance Contracting Targets
- Bringing ODL Policies in Place

Organizational Innovation

- Establishing Flexible and Blended Team of Staff with Appropriate Skills
- Creating Flexible Skills Development Centers to Provide Support and Resources
- Creation of an Institute for ODL
- Strengthening ICT Technical Support Units
- Establishing Satellite and Outreach Centers
- Establishing Practical Partnership with Industries

Innovation in Infrastructure

- Install Industry Friendly Equipment
- Loan Scheme for Teachers to Purchase Laptops
- Expanding Wi-Fi Networks on Campus
- Installing Moodle LMS
- Upgrading Servers
- Increasing Bandwidth
- Increasing Computer Lab Capacity through Virtualization
- Use of Campus Radio in Course Delivery
- Establishing Television and Radio Stations

Innovation in Teaching & Learning

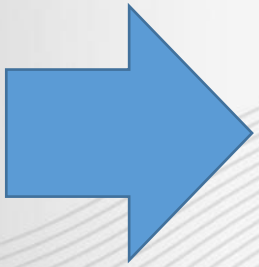
- Integrating Educational Media Into Classroom Teaching
- Integrating Open Educational Resources (OER) Into Teaching And Learning Materials
- Developing E-Learning Components And Courses
- Focus On Quality Assurance
- Developing New Flexible Courses For Working People
- Developing Courses For The Informal Sector

Conclusions

Paradigm Shift in Teaching & Learning of TVET

Traditional Approach

- Teacher Centred
- Face to Face
- Rigid Methods
- Institute Based
- Teacher as Fresh University Graduate



Innovative Approach

- Learner Centred
- Blended
- Flexible Methods
- Flexible Learning Points
- 21st Century Skills
- Teacher with Industry's Experience

Thank You!

THE CPSC GREEN TVET MOVEMENT
GREEN CAMPUS
GREEN TECHNOLOGY
GREEN RESEARCH
GREEN COMMUNITY
GREEN CULTURE
"Live a Green Lifestyle in a Low Carbon World"