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BỘ LAO ĐỘNG - THƯƠNG BINH VÀ XÃ HỘI
TỔNG CỤC GIÁO DỤC NGHỀ NGHIỆP
DIRECTORATE OF VOCATIONAL EDUCATION AND TRAINING

WEBINAR No. 10

Developing IT Architecture for TVET Organizations

Trainer: Dr. Nguyen Nhat Quang

Time and date: 9:00 - 12:00, 06 October 2021

1. Course overview

TVET organizations have attached great importance to digital transformation. Internal and external resources are mobilized to develop IT infrastructures, including software, hardware, platforms, website, mobile apps... However, the Fact-finding Report shows that most TVET colleges lack a big picture of an IT architecture for the organizations. Thus, investments, for example, procurement of digital equipment and facilities, are overlapped, and operational effectiveness cannot be achieved as expected.

2. Overall objectives

The webinar aims to provide participants at all organizational levels with a fundamental understanding of an IT architecture for TVET colleges. The event also creates an interactive forum for experts, management staff, IT people, teachers... to discuss issues related to system development, technological trends, existing difficulties, and proposed solutions. The webinar aims to target 150 - 200 participants from DVET and 11 partner TVET colleges.

3. Key training contents

- Key content 1: Role of IT architecture in TVET institutions
- Key content 2: General principles of IT architecture in the context of digital transformation
- Key content 3: IT architecture framework for TVET institutions
- Key content 4: Data strategy in TVET institutions
- Key content 5: Practical recommendations for application platform
- Key content 6: Operation and human resources

4. Expected outcomes

On completion of the training, participants are able to:

- Expected outcome 1: Understand IT architecture in general and IT architecture in TVET institutions in particular
- Expected outcome 2: Be able to work effectively with consultants to develop IT architecture
- Expected outcome 3: Be able to manage IT development of the institution according to approved IT architecture

5. Training agenda

Time	Contents	Person(s) in charge
9:00 – 9:05	Welcoming words	Mr. Pham Xuan Hoan - GIZ
9:05 – 9:25	Role of IT architecture in TVET institutions	Dr. Nguyen Nhat Quang
9:25 – 9:45	General principles of IT architecture in the context of digital transformation	
9:45 – 10:05	IT architecture framework for TVET institutions	
10:05 – 10:30	Data strategy in TVET institutions	
<i>Break time</i>		
10:45 – 11:15	Practical recommendations for application platform	Dr. Nguyen Nhat Quang
11:15 – 11:45	Operation and human resources	
11:45 – 12:00	Q&A	Mr. Pham Xuan Hoan – Moderator All participants

6. Trainer's information:

Dr. Nguyen Nhat Quang graduated from Technical University in former USSR (1980) and received PhD degree in VAAZ Brno, Czech Republic (1987). He has over 30 years of work experience in IT field, specifically in numerical methods in Engineering, GIS/ CAD/ BIM. He is a founder member and Vice Chairman of Vietnam Software and IT service Association (VINASA) and Director of VINASA Science and Technology Institute (VSTI). His research interest is focused on DX, Information infrastructure, Smart city and smart systems in general in the last 10 years. He is an active member of a Think Tank that promotes the awareness of DX into Vietnamese society and government, conducts various teaching and consulting activities to businesses and organizations.