Hợp tác Đức
DEUTSCHE ZUSAMMENARBEIT

Implemented by
giz Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH



Online self-paced learning course

AI APPLICATIONS FOR TVET TEACHERS

Programme “Reform of TVET in Viet Nam”
2024

Trained in Viet Nam

1. GENERAL INTRODUCTION

The course consists of 05 lessons, providing technical vocational education and training (TVET) teachers with basic knowledge about AI, instructions on applying AI for developing learning objectives, syllabuses, lesson planning, testing and learning assessments, digital teaching materials, teachers' professional development, and AI training for personalization purposes. The course is 100% online self-study.

- **Coordinating organization:**
  Programme Reform of TVET in Vietnam implemented by the Deutsche Gesellschaft für Internationale Zusammenarbeit GmbH (GIZ).
- **Targeted participants:**
  TVET teachers
- **Learning duration:**
  To complete the entire course, TVET teachers need to spend about 03 hours, including time for studying through videos, instruction materials, interactive questions, final exercises, and tests after each lesson.
- **Certificate:**
  TVET teachers shall receive certificates for completing the course
- **License:**
  CC-BY-NC

The course is developed and exploited on Atingi – an online learning platform.

2. LEARNING OBJECTIVES

The course aims to raise awareness, equip basic knowledge and know how to classify and use AI in teaching and learning activities, explain the operating principles of AI, apply AI in designing effective teaching and learning activities, exploit AI to develop teachers' professional capacity, and self-develop AI for specific goals.



3. MAIN LESSONS

Lesson 1: Overview of AI
TVET teachers will study basic knowledge about AI, including concepts, classifications, operating principles, potential of AI in TVET, challenges and highlights when using AI, along with exercises at the end of the lesson to review the knowledge learned.

Lesson 2: General instructions for using Generative AI
TVET teachers are guided through the steps of creating an account, logging in and setting up an AI platform, and practicing effective commands with Generative AI.

Lesson 3: AI applications in teaching and learning
Lesson 3 focuses on analyzing and clarifying the potential of AI applications in teaching and learning activities. TVET teachers will learn about how to apply AI in reviewing learning objectives, reviewing detailed syllabi, planning lessons, building assessment tests, building rubrics and grading templates, building video lectures and avoiding cheating in the AI era.

Lesson 4: Applying AI for personal and professional development
As digital technology continues to develop and AI is making a strong impact on the TVET system, TVET teachers must choose between developing themselves or failing to keep up with changes. Therefore, lesson 4 focuses on providing knowledge about the AI competency framework for teachers and methods to apply AI in defining goals and planning professional development.

Lesson 5: AI training
Learners are exposed to the principles of AI training, the steps of AI training, and practice AI training.

4. TRAINING METHODS

- The lessons are designed and presented in a basic, simple, lively and practical way, so that everyone can learn.
- TVET teachers self-study the course following the order of lessons. After finishing a lesson, they will move on to the next one.
- To complete a lesson, learners need to carefully learn each part and complete all quizzes and tests. The system will automatically assess your learning results and issue a certificate when you complete all the lessons and the course review section.

5. COURSE DEVELOPMENT TEAM



Programme Reform of TVET in Viet Nam:
Pham Xuan Hoan - Team Leader of Digital Transformation
Nguyen Nguyet Linh - Junior Programme Officer



Training expert:
Prof. Ho Tu Bao
Dr. Le Phuong Truong



Multipliers:
Bui NguyenTruc Nhu - College of Technology II
Bui Quang Khai - Nha Trang College of Technology
Nguyen Duy Go - Ninh Thuan Vocational College
Nguyen Trong Luc - LILAMA 2 International College of Technology

6. CERTIFICATES

After completing all contents of the course, learners shall receive the certificate of course completion.



Hợp tác Đức

Thực hiện bởi giz

Certificate

Programme "Reform of Technical and Vocational Education and Training in Viet Nam"

This is to certify that

Has successfully completed the online self-paced learning course:

Applications of Artificial Intelligent in Technical Vocational Education and Training in Vietnam

Duration: 200 minutes

Form of training: Online self-paced learning

Contents:

- Lesson 1: General introduction on AI
- Lesson 2: General instruction on using generative AI
- Lesson 3: Application of AI in teaching and learning
- Lesson 4: Application of AI in personal and professional development
- Lesson 5: AI Training

Issued date:

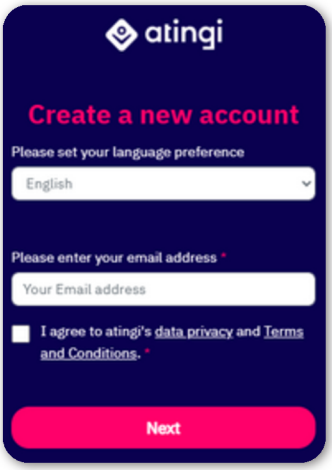
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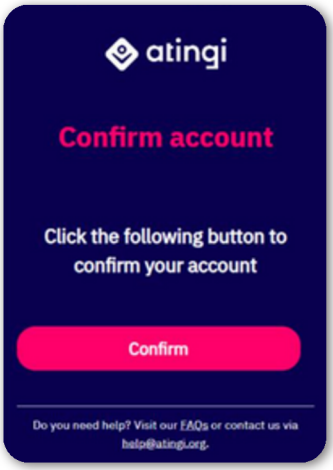
atingi

7. INSTRUCTION FOR ASSESSING COURSE

Step 1:
Access Atingi platform to create learning account (Registration)



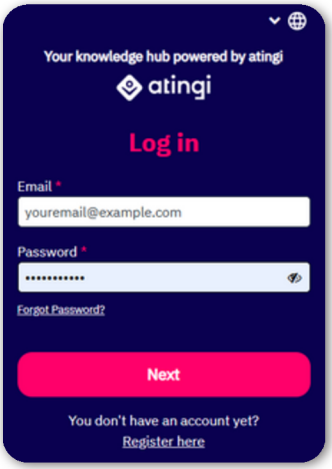
Step 2:
Confirm Atingi account via personal email used for registration



Step 3:
Provide mandatory personal information into atingi profile



Step 4:
Successfully register and log in Atingi



Step 5:
Learners can access the course by two ways as follows:

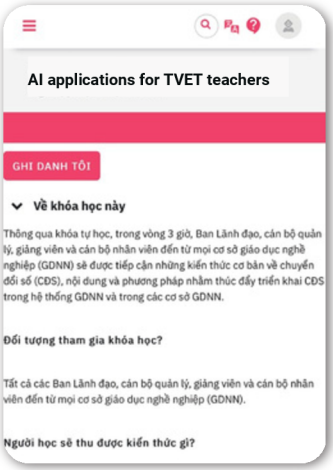
Website link for laptops and PCs:

https://online.atingi.org/

QR code for smartphones/tablets:

SCAN ME!

Step 6:
Enroll in the course and implement online learning



Contact information

Please contact: Ms. Nguyen Nguyet Linh - Junior Programme Officer of GIZ via email: linh.nguyennguyet@giz.de if you need support.