

NEWSLETTER 04

COORDINATORSHIP OF INNOVATIVE LEARNING AND TEACHING AND ARTIFICIAL INTELLIGENCE



Ibn Haldun
University
CILT-AI

April-May
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IN THIS ISSUE

- Organised events and activities
- Success stories in artificial intelligence from around the world



Many different activities and academic studies were carried out.

Within the scope of "Self-Regulated Learning Skill Development Programme";

1. **Elaboration** (a technique used to extend, elaborate and enrich the concepts learnt) is discussed.



01/06



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2. An evaluation of **retrieval practice** (a method that actively tries to retrieve previously learnt information from memory).



3. **The Feynman Technique** (a technique for in-depth understanding and memory enhancement by explaining the learnt information in simple terms) was discussed.

➔ **Digital learning skill: mind map, timeline and data visualisation applications workshop was organised.**



Partnership with the **Global Teachers for a Sustainable Future (GTSF)** initiative with key knowledge organisations in Europe.

for more information;
www.globalteachers.eu

gtsf
Shaping future
education



Presentation of Innovative 'Social Transcript' Model was made at the **2024 THEQC International Quality Assurance and Accreditation Conference.**



03/06

'IDA Supported **Administrator and Teacher Excellence Centre Project**. First Training Programme for School Administrators' was held.



*The Effect of Artificial Intelligence and Digital Tools on Students' Self-Regulated Learning and Social Emotional Learning Skills: **IHU GradCon2024 Presentation** was made.*

IHU GradCon 2024



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INVESTIGATING THE ROLE OF DIGITAL TOOLS AND AI USED IN THE LEARNING AND TEACHING PROCESSES ON UNIVERSITY STUDENTS' SRL AND SEL SKILLS

Nurevşah Kaya and Dilara Maraba
Assist. Prof. Mehmet Akın Bulut



04/06

Our article titled 'Technology Supported Student Self-Efficacy Development Programme' was published in Dergipark Academic.



The screenshot displays the Dergipark Academic website interface. At the top, the logo 'DergiPark AKADEMİK' is visible on the left, and 'Türkçe Giriş' is on the right. The main header reads 'BABUR Research'. Below this, the article title 'A Technology-Enhanced Student Self-Efficacy Development Program' is prominently displayed. The authors listed are Mehmet Akın Bulut, Dilara Maraba, Nurevşah Kaya*, Zeynep Gazel, Ebrar Kevser Katırcı, and Elif Tuğba Altunel. The article is dated 'Yıl 2024, Cilt: 3 Sayı: 1, 253 - 263, 07.06.2024'. The abstract (Öz) section begins with 'Educational paradigms have rapidly changed depending on novel facilities and needs relevant to digital or technology-enhanced learning environments...'. On the right side of the article page, there is a 'Kapak Resmi İndir' (Download Cover Image) button and a 'MAKALE DOSYALARI' (Article Files) section with a 'Tam Metin' (Full Text) download button.

The preparation and implementation outputs of the Self-Efficacy Development Workshop prepared within the scope of the Self-Regulated Learning Training series of the Artificial Intelligence and Innovative Learning and Teaching Coordinatorship were transformed into academic knowledge by Dr. Mehmet Akın Bulut, Research Assistant Dilara Maraba, Research Assistant Nurevşah Kaya, Ebrar Kevser Katırcı, Zeynep Gazel, Elif Tuğba Altunel.



for the full article: <https://dergipark.org.tr/tr/download/article-file/3914179>



05/06

Success Stories In Artificial Intelligence From Around the World



Dr Fei-Fei Li and the ImageNet Project:

Dr Fei-Fei Li is a professor of computer science and artificial intelligence researcher at Stanford University. In 2009, he started a project called ImageNet. This project aimed to create a large-scale visual dataset to teach computers to recognise objects.

ImageNet created a database of over 14 million labelled images. This database provided a major advance in the field of object recognition. In 2012, a deep learning model called AlexNet, developed using the ImageNet database, won first place in the ImageNet Large Scale Image Recognition Competition (ILSVRC) and outperformed other models.

AlexNet's success is considered a milestone in deep learning and artificial intelligence research.

Geoffrey Hinton and the Deep Learning Revolution:

Geoffrey Hinton is a pioneering researcher in the field of artificial neural networks and deep learning. Hinton is a professor at the University of Toronto and works on the Google Brain team. He has been recognised for his work on neural networks since the 1980s.

In 2012, Hinton and his students Alex Krizhevsky and Ilya Sutskever developed the deep learning-based AlexNet model, which won the ImageNet competition. AlexNet was able to solve image recognition problems with much higher accuracy rates compared to traditional machine learning methods.

