ICT4EDU: Enhancing ICT Competencies of Early Childhood Educators at HEIs in MENA Countries

ERASMUS+ PROGRAMME | Project Number: 101083078

Report on the In-house Training Workshop in Heliopolis University

Event type	In-house Training Workshop (transferring of knowledge and know-how)
Author(s)	HU
Organisation name(s)	Heliopolis University
WP Number	4
WP Leader	Polytechnic of Porto
Date	15th of August 2024

Contents

1. Introduction

Heliopolis University (HU) recently conducted an intensive in-house training program on the 15th of August 2024, titled "Enhanced ICT Skills for Education: Technologies for Active Learning." The one-day session was designed to provide educators with cutting-edge ICT skills, specifically tailored to incorporate active learning techniques within the classroom. As education increasingly shifts toward digitalization, the training sought to address the need for innovative teaching strategies that fully utilize modern technology to create interactive, student-centered learning environments.

The in-house ToT was attended by a diverse group of 42 participants, comprising 27 female and 15 male educators. This balanced representation stressed HU's commitment to inclusivity in professional development. Over the course of the day, participants were immersed in a series of hands-on workshops, collaborative discussions, and practical demonstrations. These activities were designed not only to enhance their technical proficiency but also to help them reconstruct traditional teaching practices through active learning, making lessons more engaging, personalized, and effective.

Key topics covered during the training included the use of digital tools for content creation, leveraging learning management systems (LMS), incorporating multimedia and interactive resources into lessons, and strategies for fostering greater student participation through technology. Participants were also introduced to various platforms and applications that allow for real-time feedback, collaboration, and adaptive learning, ensuring that they left the session with actionable skills they could immediately apply in their classrooms.

By the end of the training, the educators expressed increased confidence in their ability to integrate ICT into their teaching methodologies, ensuring that students at HU/SEKEM will benefit from a more dynamic and engaging learning experience.

2. In-house Training Workshop Description

2.1. Agenda

2.2. Syllabus and Training Material

The syllabus that was used was the one that was given to the participants in the ToT in Porto.

2.3. List of Participants

ICT4EDU Training Attendance sheet SEKEM/Heliopolis University

No.	Name	Profession	Organization	E-Mail
1	Eman Metwaly	Teacher	SEKEM School	
2	Marwa Samir	Teacher	Vocational school	merol7loms@gmail.com
3	Eman Ragab	Teacher	SEKEM School	hend Zaghloul 96@gmail.com
4	Hend Zaghloul	Teacher	Vocational school	hend Zaghloul 96@gmail.com
5	Nada EL-Tahawy	Teacher	Vocational school	nada01280867518@gmail.com
6	Marwa Kamali	Teacher	Vocational School	
7	Hani Akel	Teacher	SEKEM school	hhog3279@gmail.com
8	mohamed omar	Teacher	sekemSchool	carbarbobo.2010@gmail.com
9	ASmaa Abdelbaset	Teacher	Sekem school	
10	ESraa Adel farid	Art teacher	sekem school	lokafarid 44@gmail.com
11	Sara Yeda Hassan	P.E Teacher	sekem School	SaraVeda647@gmail.com

ICT4EDU Training Attendance sheet SEKEM/Heliopolis University

No.	Name	Profession	Organization	E-Mail
12	hajeEl Saild Elyamany	Teacher	sekem School	
13	Hanem Mahmoud Youssef	Teacher	Vocational school	hanem4559@gmail.com
14	Youssef Mahrous Mohamed	Teacher	Vocational school	basune 42@gmail.com
15	Haitham abd El fattah	Teacher	Vocational school	
16	Yousef Gamal	Teacher	vocational school	yousef.bahtyty@sekem.org
17	mohamed Adel Mahmoud	Teacher	VocTional school	Ma40785@@gmail.com
18	Abdelatif Nasser	P.E Teacher	Sekem School	abdelateafnasser@gmail.Com
19	Ahmed Essam mohamed	Art Teacher	sekem school	ae230002@gmail.Com
20	Aml Zakaria mohamed	Teachar	Vocational school	amlzakaria98@gmail.Com
21	Menna Mahrous Mohamed	agriculture Teacher	Vocational School	mennamahrous64@gmail.Com
22	Abdo mohamed Ahmed	teacher	sekem school	

No.	Name	Profession	Organization	E-Mail
23	omar mokhtar	teacher	Sekem scholl	
24	mohamed Abd azeem	Teacher	vocational school	Hamada.bas31@gmail.com
25	mohame sanad Atwah mohmed	Teacher	vocational school	mohamed sanad Ghanem@gmail.co
26	Aya Mohamed Elsayed	Teacher	sekem school	STEM
27	Aya Ayman Sophi	Teacher	sekem school	
28	Sara Abd Elnasser	Teacher	sekem school to VTC	sara Abd Elnaser 07@gmail.com
29	Nadia Ibrahim fahmy	English teacher	sekem school	
30	Mohebbat Mamdouh	English teacher	Sekem School	
31	Hadeer Ayman Mohamed	English teacher	Sekem school	hadeer.ayman304@yahoo.com
32	ohood Ahmed Said	English teacher	Sekem School	ohoudSaid4@gmail.com
33	AYA SERWaN	science teacher	sekem school	

No.	Name	Profession	Organization	E-Mail
34	Rehab wageh said	teacher	sekems chrool	
35	Shimaa Mohamed Ezat	teacher	sekems schod	
36	Mohammad Mostafa	German teacher	Sekem School	mmhs2151@gmail.com
37	Alaa AbduAllah	Hand Craft	sekem school	aafaaf943@gmail.com
38	Heba R Mohamed Reda	Class teacher	Sekem School	Heba Reda 4422-gmail.Com
39	Nahla hashim	Teacher	sekem school VTC	Nahla hshlm@gmail.com
40	Asmaa Mohamed	psycholog teacher	Sekem school	
41	Manar Anter	English teacher	V.T.c/sekemschool	
42	Amira Ashraf	sport teacher	sekem school	amira.youns23@gmail.com
43	mohamed sadou	Arbic Teacher	Sekem school	sadoum96@gmail.com
44				

2.3. Dissemination

3. Conclusion

The Intensive in-house training held at Heliopolis University (HU) on the 15th of August 2024 titled "Enhanced ICT Skills for Education: Technologies for Active Learning." focused on enhancing the ICT competencies of educators, with the aim of integrating technology into teaching through active learning techniques. A total of 42 participants attended, comprising 27 female and 15 male educators.

The training involved hands-on workshops, collaborative discussions, and demonstrations, covering key topics such as digital tools for content creation, Learning Management Systems (LMS), multimedia integration, and strategies for active student participation. By the end of the event, participants gained practical ICT skills to foster interactive, student-centered learning environments.

A distinctive aspect of the event was its focus on real-time feedback and adaptive learning platforms, which ensured that participants left with actionable, technology-driven strategies they could immediately implement in their classrooms