



## Enhancing ICT Competencies of Early Childhood Educators at HEIs in MENA Countries 2023-2025



### PROJECT PROFILE



### PROJECT FACTS

TYPE  
Erasmus+  
Programme

GRANT HOLDER  
The University of  
Jordan (UJ)

DURATION  
3 years

START DATE  
January 2023

ICT4EDU is a 3-years projects that started on January 2023, and is co-funded by the Erasmus+ program of the European Union. It's coordinated By The University of Jordan (UJ) with 12 partners from Europe and MENA regions.

The project (ICT4EDU) aims to ensure that newly graduated student teachers are able to employ ICT in teaching, and to improve the digital literacy of teachers and students, especially in dealing with children with special educational needs or disabilities as ICT plays a key role in facilitating their educational process.

The main objective of the (ICT4EDU) project is to improve the quality of ICT competencies of early childhood teacher's educators in the (9) higher education institutions in Jordan, Palestine and Egypt in line with the advanced EU practices, and thereby increase the quality of education in preschools in Jordan, Palestine and Egypt.

The cross-national implementation of the (ICT4EDU) project is essential for defining practices and influencing policies and curricula in schools of education and integrating ICT teacher training to meet the needs of digitally literate youth and children.



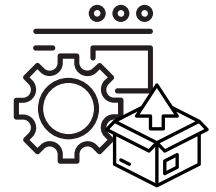
# PARTNERS



UNIVERSITÀ  
DEGLI STUDI  
DI PADOVA



# PROGRESS



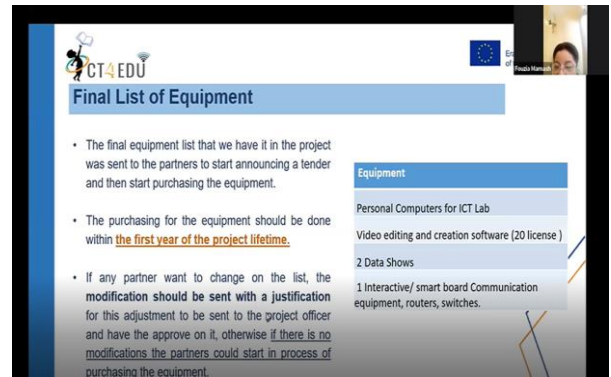
As schools and universities continue to undergo digital transformation, it becomes increasingly necessary to incorporate technology in education, especially in early childhood. Therefore, the universities involved in the project are taking steps to ensure that its implementation is conducted in an orderly and effective manner within their institutions

To determine how technology can be used and how digital resources can be integrated into learning process, the first step is to identify the competencies currently available to teachers, students, and faculty. In order to achieve this, five surveys were distributed to more than 2,100 students, 390 faculty members, and 440 stakeholders, including teachers. The aim was to determine the current competencies of students and teachers, the current status of university courses, and the potential of schools for ICT

Courses Suggested for ICT4EDU Project

Field	course	UJ	INU	MU	AZHU	SCU	HU	PTUK	PTC	PASS
Education	Child Computerized Program	*								
	Computerized children's programmes	*								
	Using Computer in Education	*								
	Educational Computer									
	Educational Technology & Digital Transformation skills									
	2D Animation for Education									
	Cloud-Based eLearning									
	Programming and Robotics in Education									
	Educational games									
	Play In Early Childhood	*								
	Educational Technology									
	Education technology and electronic content design									
	Instructional Design & eLearning									
	Design and production of educational aids									
	Research Skills									
Introduction to writing										
Psychology of motivations and emotions										
Cognitive psychology										
Developmental psychology										
Principles of psychology										
Educational Psychology										
Teaching Methods										
Methods of teaching science and technology										

We believe that practical experience is just as important as theoretical teaching in helping learners succeed. That's why we've incorporated new teaching methods that get our students closer to the labor market. Based on the results of the surveys, we planned the list of equipment needed to establish an ICT laboratory equipped with the necessary tools. This will allow each university to develop its own courses and provide practical experience to students, ensuring a better future for their progress.



Based on the results of the surveys, the universities have proposed a list of five courses each, which will be either fully developed or consolidated and integrated with ICT. The next step is to hold local and international workshops for faculty members of the partners to provide them with the modern expertise and knowledge they need to develop and improve courses in the next phase

Arabic Surveys						English Surveys					
University Name	University Acronym	Survey#1 Staff	Survey#2 Students	Survey#3 Facilities	Survey#4 Curriculum	University Name	University Acronym	Survey#1 Staff	Survey#2 Students	Survey#3 Facilities	Survey#4 Curriculum
The University of Jordan	UJ	68	169	10	98	The University of Jordan	UJ	3	3	0	3
National University	INU	81	531	13	26	National University	INU	0	0	0	0
Mutah University	MU	27	62	6	40	Mutah University	MU	9	5	2	1
Al-Azhar University	AZHU	18	462	12	40	Al-Azhar University	AZHU	0	0	0	0
Suez Canal University	SCU	32	84	6	9	Suez Canal University	SCU	1	0	0	0
Heliopolis University	HUSU	10	93	3	69	Heliopolis University	HUSU	12	67	18	62
Palestine Technical University	PTUK	27	230	8	80	Palestine Technical University	PTUK	12	0	1	3
Palestine Technical College - Dier Elbalah	PTC	11	152	1	19	Palestine Technical College - Dier Elbalah	PTC	9	0	1	2
Al-Istiqlal University	PASS	50	237	14	4	Al-Istiqlal University	PASS	0			
Total number of responses		344	2038	73	386	Total number of responses		68	75	22	71

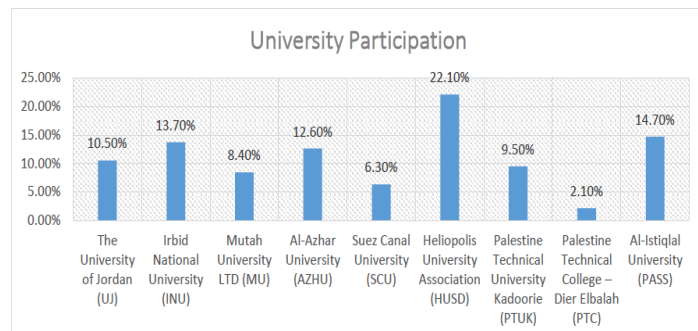


Figure 1. University participation

# TARGET GROUPS

1. **Academic staff/Teachers at the school of education/department of early childhood education and IT in (9) partner universities**
2. **Students at the (9) partner universities at the department of early childhood education.**



3. **Technical, Administrators and support staff at the new established ICT lab, regional training workshops will be organized to transfer the knowledge on how to provide guidance and technical training for students to use ICT tools and digital methods, in addition to the "In-House" TOTs.**

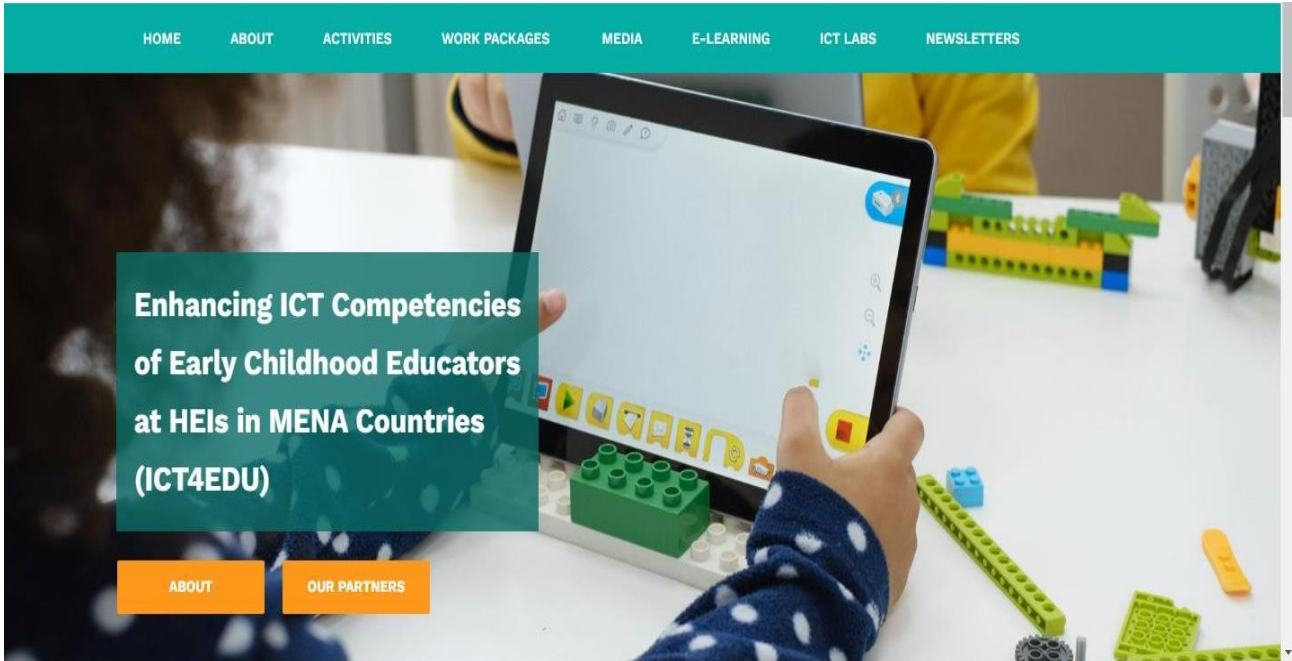


4. **Parents, Researchers, Educational policy experts and advisers in ECE ICT.**



## ICT4EDU Website

**[Link: https://sites.ju.edu.jo/en/ICT4EDU/home.aspx](https://sites.ju.edu.jo/en/ICT4EDU/home.aspx)**



## ICT4EDU on Facebook

**[Link: https://www.facebook.com/ICT4EDU.2023](https://www.facebook.com/ICT4EDU.2023)**

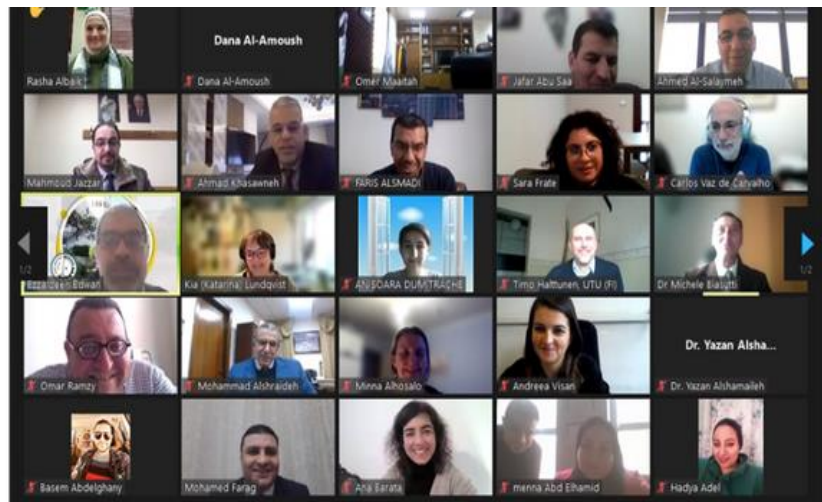


# MEETINGS

## KICK-OFF MEETING

### FIRST PART OF ICT4EDU PROJECT KICK OFF MEETING VIA ZOOM JANUARY 16, 2023

The meeting began with welcome speeches from the project's general coordinator and other members. The participants then introduced themselves and their universities, focusing on their experience in ICT and early childhood education. Prof. Ahmed Al-Salaymeh outlined the ICT4EDU Project's objectives, expected results, and overall plan. He also discussed the action plan for implementation with the partners. The meeting was attended by 55 people from partner universities in Jordan, Egypt, Palestine, Finland, Romania, Portugal, and Italy.



### SECOND PART OF ICT4EDU PROJECT KICK OFF MEETING (PHYSICAL MEETING) AT THE UNIVERSITY OF JORDAN CAMPUS MARCH 8 – 9, 2023



The meeting began with a welcome speech by Prof. Ahmed Al-Salaymeh, followed by speeches from Dr. Ines Alves, Prof. Ahmed Abu ElHaija, Prof. Omer Maaith, and Prof. Nathir Obeidat. The topics covered included the project introduction and congratulations on the selection of the ICT4EDU project.



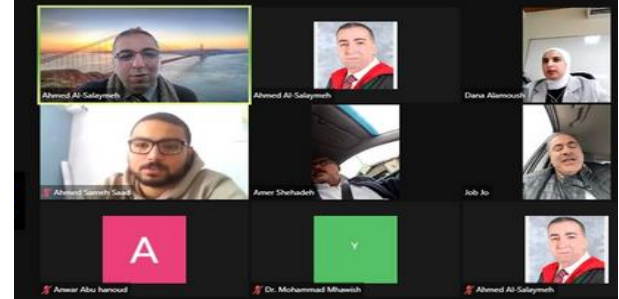
# ONLINE MANAGEMENT MEETINGS



CONDUCTED VIA ZOOM VIDEO CONFERENCING WITH PARTICIPATION FROM ALL PARTNERS

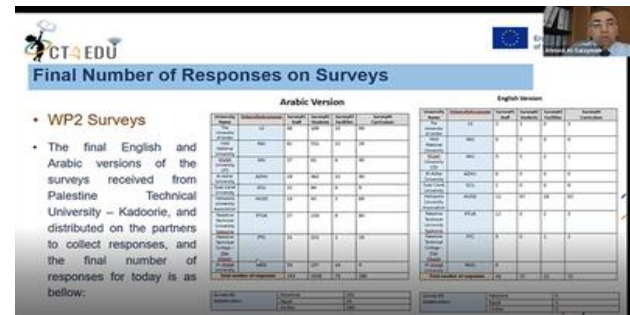
THE 1<sup>ST</sup> ONLINE MANAGEMENT MEETING  
APRIL 12, 2023 2:00 PM  
(AMMAN TIME)

Prof. Ahmed Al-Salaymeh the general coordinator for the project started the meeting by outlining the main tasks being worked on in the project and its progress and the meeting included discussion between all partners to discuss the next steps in the project



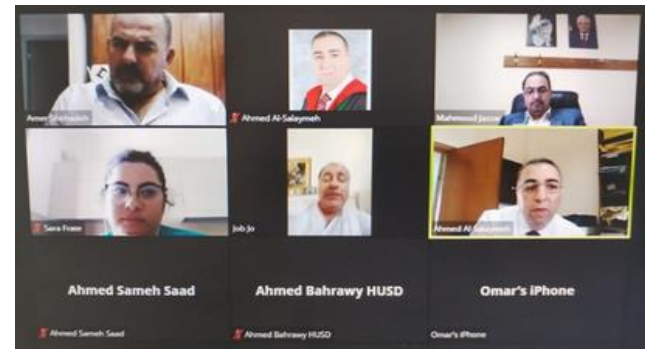
THE 2<sup>ND</sup> ONLINE MANAGEMENT MEETING  
MAY 15, 2023 3:00 PM  
(AMMAN TIME)

The meeting started by Prof. Ahmed Al-Salaymeh the general coordinator for the project, he mentioned the main tasks that are currently working on, the tasks that is needed to focus on it from partners and the progress of the project and the main task in WP2 that was the distribution of the surveys.



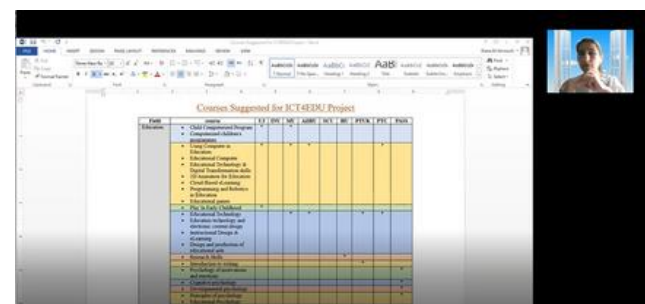
THE 3<sup>RD</sup> ONLINE MANAGEMENT MEETING  
MAY 29, 2023 4:00 PM  
(AMMAN TIME)

The meeting started by Prof. Ahmed Al-Salaymeh, he mentioned the main tasks that are needed to be discussed during the meeting. The main task highlighted was the reports of the surveys (Report on Teachers and Students ICT Competencies, Report on State of the Art of ICT in ECE (Curriculum Verification), Report on available facilities and resources at EC departments and Report on stakeholders ICT competencies) to have the final reports to be submitted on the EU portal.



THE 4<sup>TH</sup> ONLINE MANAGEMENT MEETING  
JUNE 13, 2023 4:00 PM  
(AMMAN TIME)

The meeting started by Prof. Ahmed Al-Salaymeh, he mentioned the main tasks that are needed to be discussed during the meeting. The main task highlighted was the courses provided from each partner and how to proceed in the process of updating courses.



# ERASMUS + EVENTS

## ERASMUS+ INTERNATIONAL STAFF WEEK

Held at the University of Jordan from May 8<sup>th</sup> to May 12<sup>th</sup>, 2023. The 5-day event provided a chance to network with Erasmus+ partners and included sessions on various topics such as the future of TVET in Jordan, the role of National Qualification Framework in TVET, and the match between vocational educational training (VET) and the labor market. The event was inaugurated by Professor Nathir Obeidat, the President of the University of Jordan.



## THE ERASMUS + EXHIBITION

Held at the University of Jordan on June 8, 2023. The exhibition showcased the impact of Erasmus+ projects on Jordanian institutions and universities. All representatives of funded projects from 2015-2022 were invited.

