



UNESCO-ICHEI

International Conference for Higher Education Digital Transformation

February 28, 2023

Sharing Achievements & Experience from IIOE Egypt Pilot Project
"Empowering Higher Education Institutions for Digital Teaching and Learning in Egypt"

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Education Strategy Administration.

Deputy Director of the IIOE Egypt National Center
Ain Shams University

IIOE Egypt National Center (May 2022)

Objectives

01

Establish IIOE's partnership network with Egyptian HEIs to support national higher education innovation & digital transformation in Egypt

02

Construct a national platform of dialogue & mutual exchanges for professional development of higher education workforce.

03

co-construction & pooling of IIOE teacher professional development programs tailored to Egypt's national contexts & needs

04

Conduct joint research in the fields of educational technology in collaboration with UNESCO-ICHEI

IIOE Egyptian HEIs Network



Needs Analysis

Despite numerous achievements, Egyptian HEIs still face various challenges to realize more effective digital teaching and learning.

Teachers' digital teaching competencies need to be further strengthened.

- Need for systematic teacher professional development in digital teaching competencies.
- Need to improve the quality of digital courses.

HEIs need to build a more conducive environment for digital teaching & learning.

- Need of awareness raising & sharing of experience among HEI top management to better steer digital transformation process & manage change.
- Need to guide HEI management to translate visions & strategies to supportive policies, standards, guidelines & daily practices.

“Empowering Egyptian HEIs for Digital Teaching & Learning” (Sept 2022-March 2023)

Project Goals

1

Enhance teachers’ competencies of digital teaching, improve the quality of digital courses, and strengthen digital teaching practices.

2

Establish a conducive institutional environment for digital teaching & promote the culture of digital transformation in higher education among Egyptian HEIs management.

“Empowering Egyptian HEIs for Digital Teaching & Learning”

(Sept 2022-March 2023)

Project deliverables and outcomes

- Egyptian Master Teachers Training **certification**
- **Two online Courses** Produced by trained Master Teachers
- The Digital Teaching and Learning National Policy **Dialogue Conclusions and Recommendations**
- The Digital Leadership **Symposium Policy Brief**

ACTIVITY 1: Digital Teaching & Learning Training Program

27/9/2022 – 16/1/2023

OBJECTIVE

Improve the effectiveness of digital curriculum design, delivery & assessment

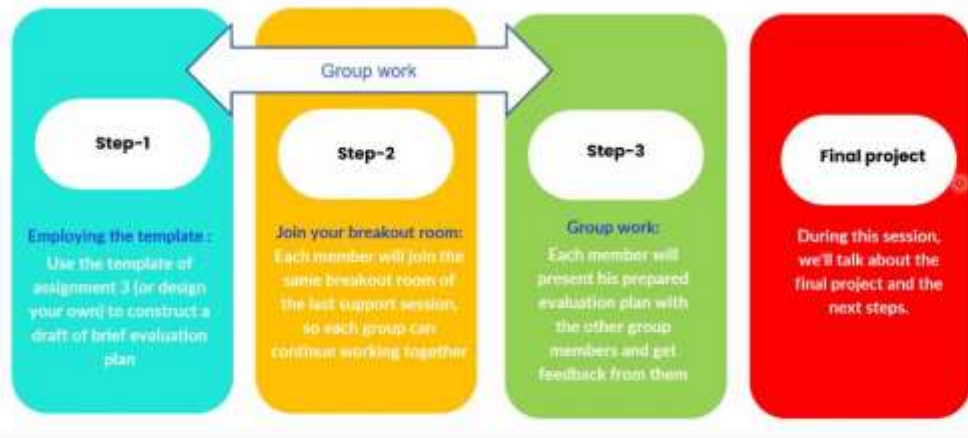
- The series was repeated for **two rounds**
- Each round included nearly **30 master teachers** (**Disciplinary balance considered**)
- Each workshop included **Two synchronous sessions** (**Main session & Supporting session**).
- Learning activities was conducted in online mode (**synchronous during the sessions and asynchronous on the LMS**)

The series includes **3 workshops**

- **Workshop 1:** How to design a digital curriculum?
- **Workshop 2:** How to effectively deliver blended courses?
- **Workshop 3:** How to assess blended courses?



Plan of support session-3



Participants list:

- Daia Yousef
- Omnia Hassan
- Mohamed Hass...
- Dr. Hany Nady Y...
- Mahmoud Atak...

Guiding the peer reviewer

- ☐ Provide a template and tell the reviewer what you would like them to review and how you would like them to do it. Give them any supporting documents such as unit outline, assignment descriptions, etc., that they will need to understand the teaching context.
- ☐ Provide 'code of conduct'/protocol instructions with your template if you wish.



Participants (27)

- Find a participant
- Dr. Hany Yousef (Host, me)
 - Grace Oakley (Co-host)
 - Dr. Hany Yousef (Co-host)
 - Eng. Eman Ali Ibrahim (Co-host)
 - Mona Abdel Aal (Co-host)
 - UNESCO-ICHEI (Co-host)

Chat

Nisreen El-Saber - Zagazig ... to Everyone
room 4 please

Who can see your messages? Recording On

To: Everyone

Type message here...

ACTIVITY 1: Digital Teaching & Learning Training Program

27/9/2022 – 16/1/2023

OUTCOME

Each group of master teachers submitted 1 online course

Basic ICT Skills for students

Directed to 1st year undergraduate students (freshmen students)

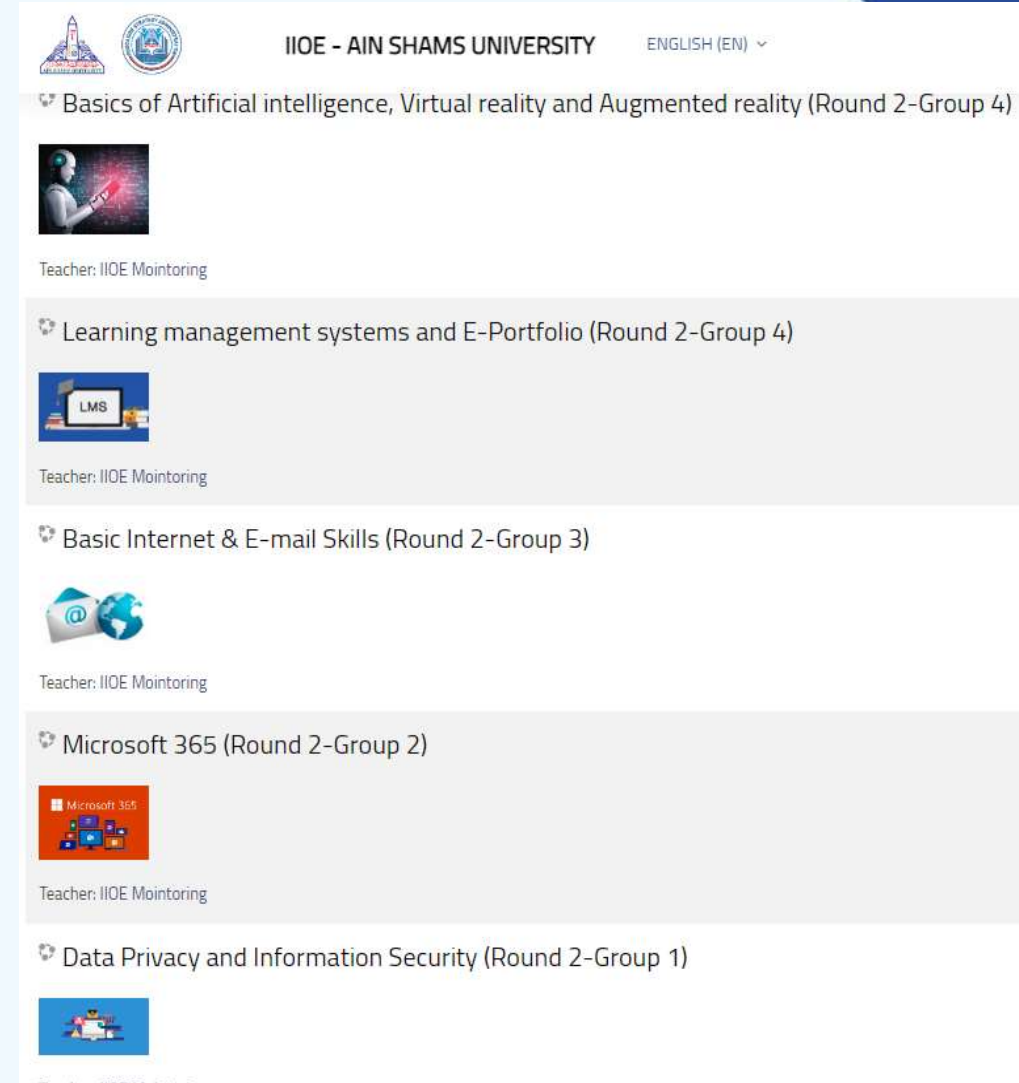
I. Course Requirement

- Course Plan
- Course Material Preparation
- Course development on the LMS

II. Course Evaluation

- Peer review
- Expert review

The 2 courses submitted by trainee groups will be combined to form a comprehensive course that will be available for free for all partner universities to use in their programs.



The screenshot displays the IIOE - AIN SHAMS UNIVERSITY website. The header includes the university's logo, name, and a language dropdown set to 'ENGLISH (EN)'. The main content area lists several online courses, each with a representative icon, a title, and the teacher's name, 'IIOE Monitoring'. The courses listed are: 'Basics of Artificial intelligence, Virtual reality and Augmented reality (Round 2-Group 4)' with a robot icon; 'Learning management systems and E-Portfolio (Round 2-Group 4)' with an 'LMS' icon; 'Basic Internet & E-mail Skills (Round 2-Group 3)' with an '@' and globe icon; 'Microsoft 365 (Round 2-Group 2)' with a Microsoft 365 icon; and 'Data Privacy and Information Security (Round 2-Group 1)' with a server icon.

ICT lecture 1

Press **Esc** to exit full screen

Salutation

Purpose

Content

Call to action

Reply Expected

Close

Signature

Email
Structure

ICT lecture 1

Press **Esc** to exit full screen

What is an email?

When is email
the appropriate form
of communication ?

Why is it important to
write an effective email?

Tips for writing
an effective email

USING
EMAIL
EFFECTIVELY

The advantages
of email

When is email not
an appropriate form of
communication to use?

Signs of effective email

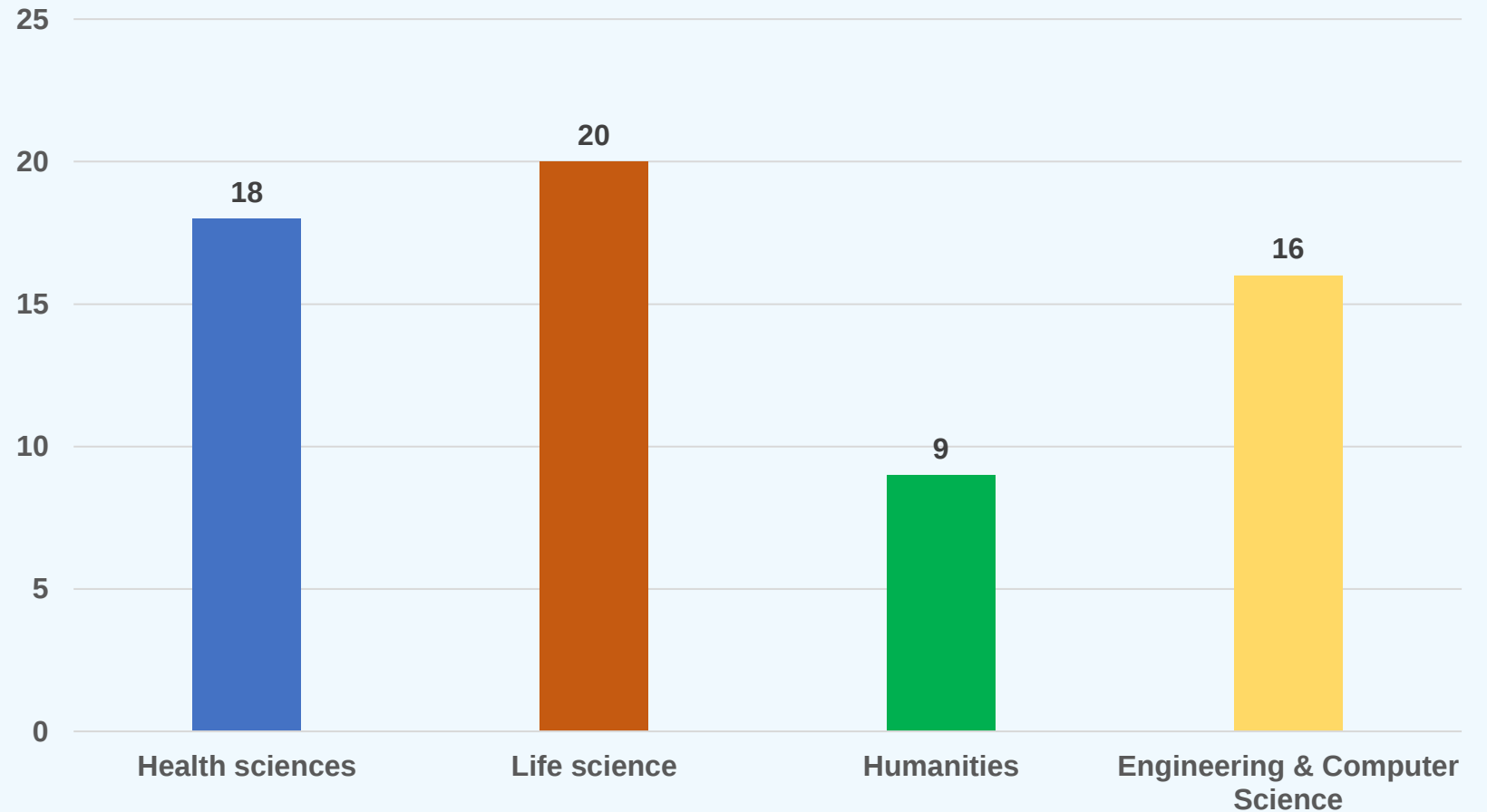
Email etiquette

0:42 / 10:30

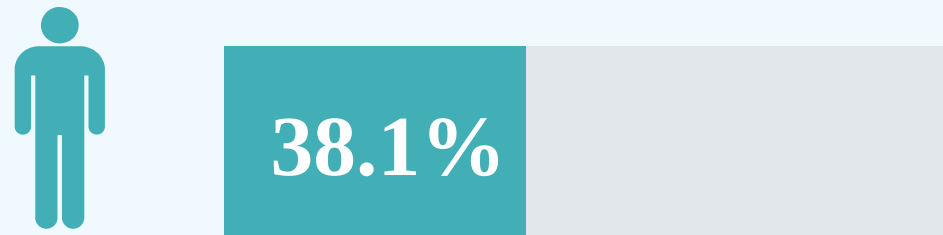
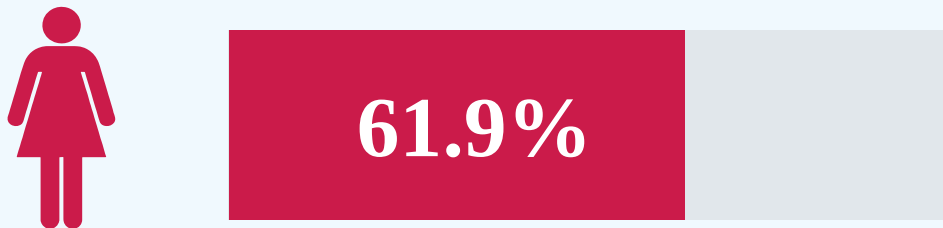
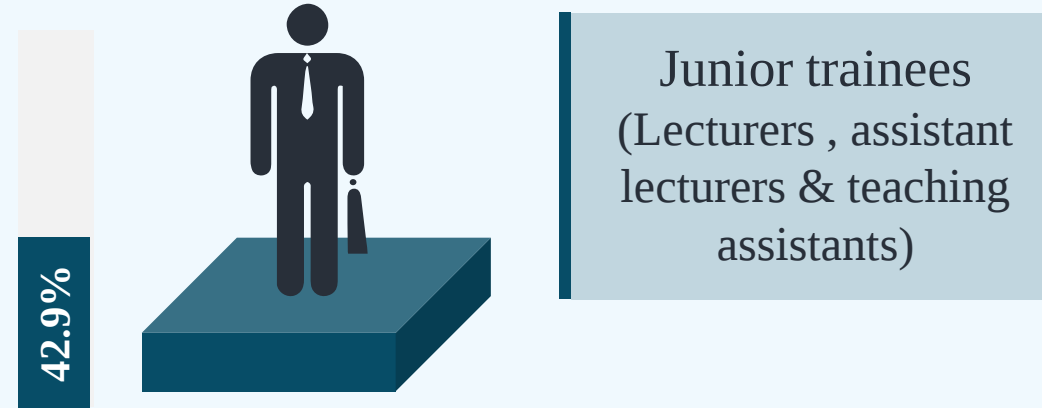
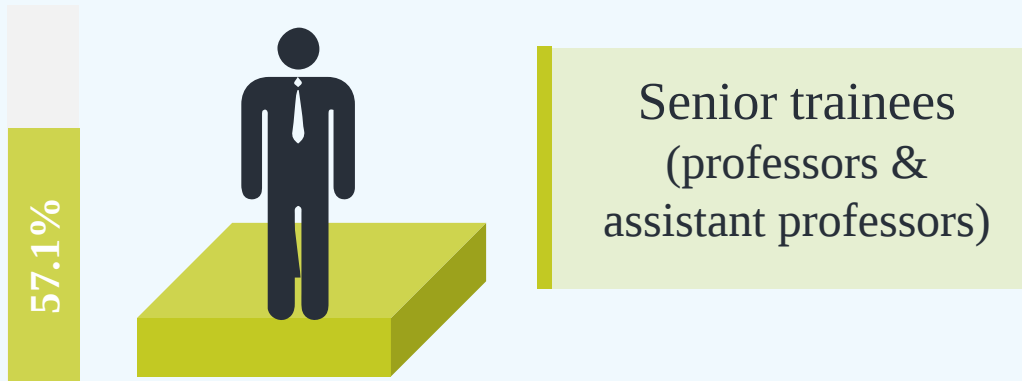
Characteristic		Frequen cy	Perce nt
University	Ain Shams University	11	17.5
	Alexandria University	10	15.9
	Minufiya University	6	9.5
	Galala University	5	7.9
	Beni-suef University	4	6.3
	Al-Azhar University	4	6.3
	Damanhour University	3	4.8
	Fayoum University	3	4.8
	PortSaid University	3	4.8
	Sohag University	3	4.8
	South Valley University	3	4.8
	Zagazig University	3	4.8
	Tanta University	3	4.8
	Suez University	2	3.2

ACTIVITY 1: Trainees' major specialties

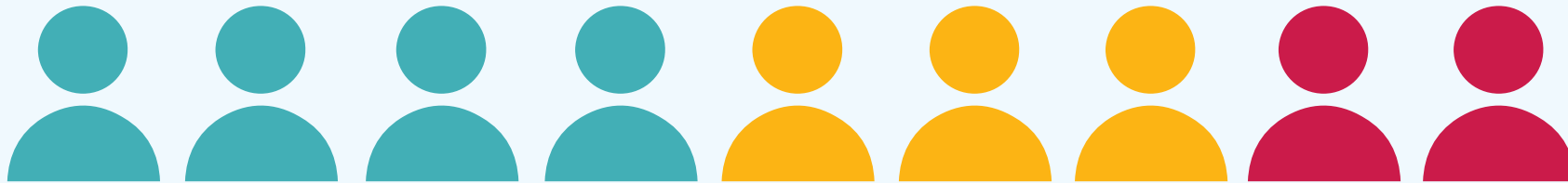
Disciplinary balance
considered



ACTIVITY 1: Trainees



ACTIVITY 1: workshops` evaluation



All questions are in the form of Likert scale indicating the degree of agreement on statements in four main areas:

- **Workshop objectives**
- **Workshop content**
- **Synchronous activities**
- **Asynchronous activities and materials**



ACTIVITY 1: Training series evaluation



All questions are in the form of Likert scale indicating the degree of agreement on statements in five main areas:

- **Training series design**
- **Training series content**
- **Program instruction (Workshop instructor – support sessions)**
- **Training series work relevance and applicability**
- **Training series impact on knowledge, attitude and practice**



Some of the outstanding overall training series feedback comments

IIOE team's management of
this program was very
supportive
working in teams getting new
experience

A chance for sharing
experience with
different disciplines.

The Organization Committee
was extremely helpful.
Topics were particularly
useful and add many values
to me

The step-by-step
methodology of how to
effectively design an
online or a blended course
considering all learning
types

Teamwork and
experience exchange
regarding teaching

Program organization and
staff
The lecturer
Extreme accuracy in
implementing all program
steps



Activity 1: Master Teachers Training Certification

Criteria of evaluation:

- 1- Workshops and support session attendance.
- 2- Asynchronous activities, assignments, feedbacks completion.
- 3- Project and peer review submission.

Certificate of Completion with distinction



100% attendance and submissions

Certificate of Completion



100% attendance and 50% -80 % submissions

Certificate of Attendance



100% attendance and below 50% submissions

Training Expert



Prof. Grace Oakley

Associate Professor, Deputy Dean and Coordinator of the Master of Education at the Graduate School of Education, the University of Western Australia

IIOE Egypt National Centre Project:

Digital Teaching Training Series

Are you interested in enhancing the design, delivery, and assessment of digital curricula?

Do you want to produce high-quality online educational resources that benefit your teaching?

Do you want to engage with global experts and exchange insights with educators nationwide?

Join us!

Content: Co-initiated by UNESCO-ICHE and IIOE Egypt National Centre, the training programme is designed to empower master teachers of Egyptian HEIs to enhance their capabilities in digital learning design, resource development, and evaluation criteria using digital technologies.

Who and when: The training programme consists of 3 online expert workshops and various professional collaboration opportunities. Around 60 master teachers will be selected to participate in the training in 2 groups (30 teachers/group) starting in September.

Why participate: Through the training, teachers will develop skills to integrate technologies more effectively in their curriculum & instructional design, and network with HE professionals across Egypt for teaching innovation.

Registration time: 18 – 22 September



Trainer:
Dr. Grace Oakley
University of Western Australia

Group 1	Group 2	Activities
Workshop 1: Curriculum design for online and blended learning		
Week 1 26/9-30/9	Week 1 7/11- 11/11	Synchronous online workshop by expert trainer Asynchronous LMS-based interactive discussion forum Half a day, Time TBD
Week 2 1/10-7/10	Week 2 12/11-18/11	Synchronous online support session by IIOE Egypt National Centre Saturday 6 pm -8 pm (Cairo Time)
Workshop 2: Tools and strategies for delivering online and blended course		
Week 3 10/10-14/10	Week 3 21/11-25/11	Synchronous online workshop by expert trainer Asynchronous LMS-based interactive discussion forum Half a day, Time TBD
Week 4 15/10-21/10	Week 4 26/11-2/12	Synchronous online support session by IIOE Egypt National Centre Saturday 6 pm -8 pm (Cairo Time)
Workshop 3: Evaluating online and blended courses		
Week 5 24/10-29/10	Week 5 5/12-9/12	Synchronous online workshop by expert trainer Asynchronous LMS-based interactive discussion forum Half a day, Time TBD
Week 6 29/10-4/11	Week 6 10/12-16/12	Synchronous online support session by IIOE Egypt National Centre Saturday 6 pm -8 pm (Cairo Time)
Free work time (individual or groups)		
Week 7 & 8 5/11-2/12	Week 7 & 8 17/12-13/1	Blended course design and submission of deliverables

Training implementation, monitoring, follow up and evaluation



IIOE Egypt Team

Dr. Aya Mostafa

Head of monitoring & evaluation team



Dr. Heba Shawky

Training coordination team member



Dr. Mohamed Yosry

Head of technical support & media team



Prof.Dr. Mona Abdel-Aal

Project manager



Dr. Hany El Nady

Head of training coordination team



Dr. Dalia Yousef

Head of public relations team



Dr. Doaa Anas

Public relations team member



ACTIVITY 2:

Establishing Conducive Institutional Environment for Digital Teaching National Policy Dialogue – 12 Jan 2023



ACTIVITY 2:

Establishing Conducive Institutional Environment for Digital Teaching

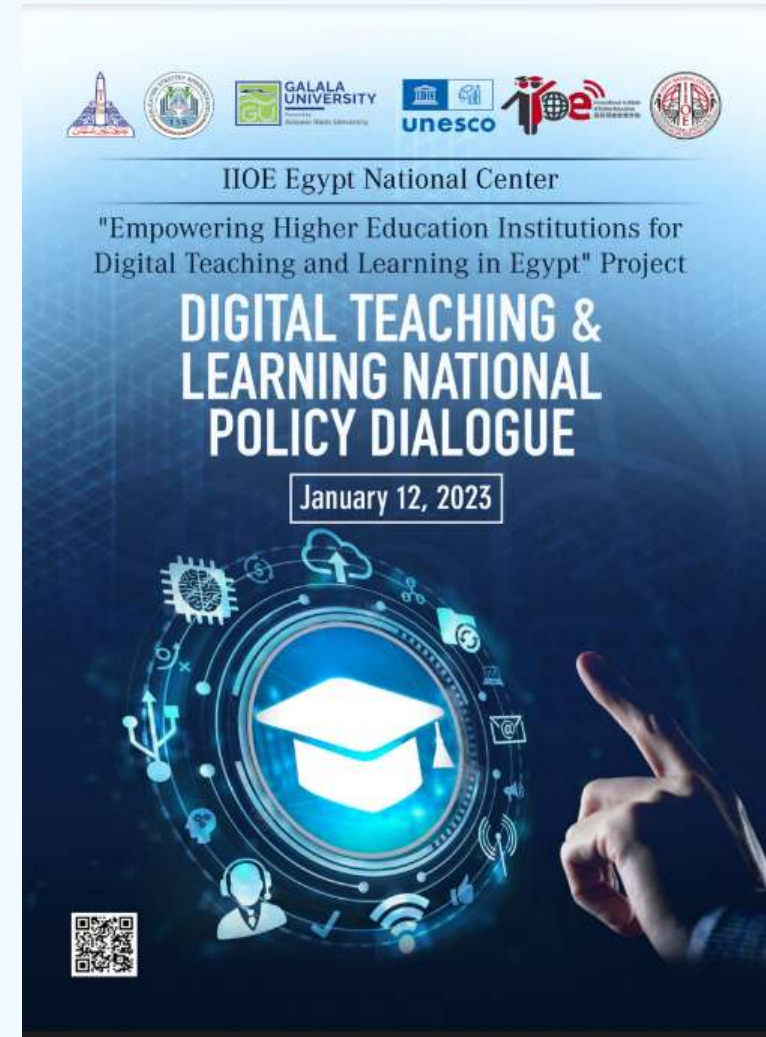
National Policy Dialogue – 12 Jan 2023

Objective:

- To facilitate dialogue among national authorities of higher education and HEI management to build a conducive institutional environment for digital teaching.

Panelists and Audience:

- Representatives of national authorities of higher education (MOHESR, SCU, NAQAAE)
- Staff from QA units, eLearning units, and academic program coordinators of Partner Egyptian HEIs.



ACTIVITY 2:

The Digital Teaching and Learning National Policy Dialogue Report

Dialogue Highlighted themes:

- International Policies of Digital Transformation in Education
- Quality and Accreditation Standards of Online and Blended Learning
- Technological Infrastructure Design, Fund, Implementation, and Maintenance to Support eLearning
- Digital Learning as a Method to Improve the Educational Process
- Developing the Faculties' Competencies Regarding Effective Use of ICT in Education
- The Adopted Digital Learning Methodology in Egyptian HEIs and its Impact on Faculties' Professional Skills
- Challenges Facing Egyptian HEIs as they Adopt Digital Teaching Policies
- Best Practices and Advanced Technologies to Overcome Many of the Challenges Faced
- The Role of Supreme Council of Universities to Endorse Digital Transformation in Education, and to Support Egyptian HEIs to Overcome Challenges of Implementation



ACTIVITY 2:

The Digital Teaching and Learning National Policy Dialogue Report Recommendations

1- Digital teaching and learning policies should be aligned with the highest academic standards and evidence on best practices.

2- Digital learning should be accessible via mobile phones according to analysis of digital tools used in Egypt.

3- Students should be provided clear guidelines and code of ethics on the safe use of digital platforms, tools, and information.

4- Consider the context over the technology tools during implementation of digital teaching policies.

5- Academic staff and administrative personnel should be enrolled in continuous professional development programs that enable them to acquire the required digital skills to perform their role.

6- Localization of the IIOE Quality Assurance Framework as a concluded need according to the Egyptian context .



ACTIVITY 2: Establishing Conducive Institutional Environment for Digital Teaching

Digital Leadership Symposium- March 15 2023

Objective:

Enhance digital leadership of Egyptian HEIs' top management

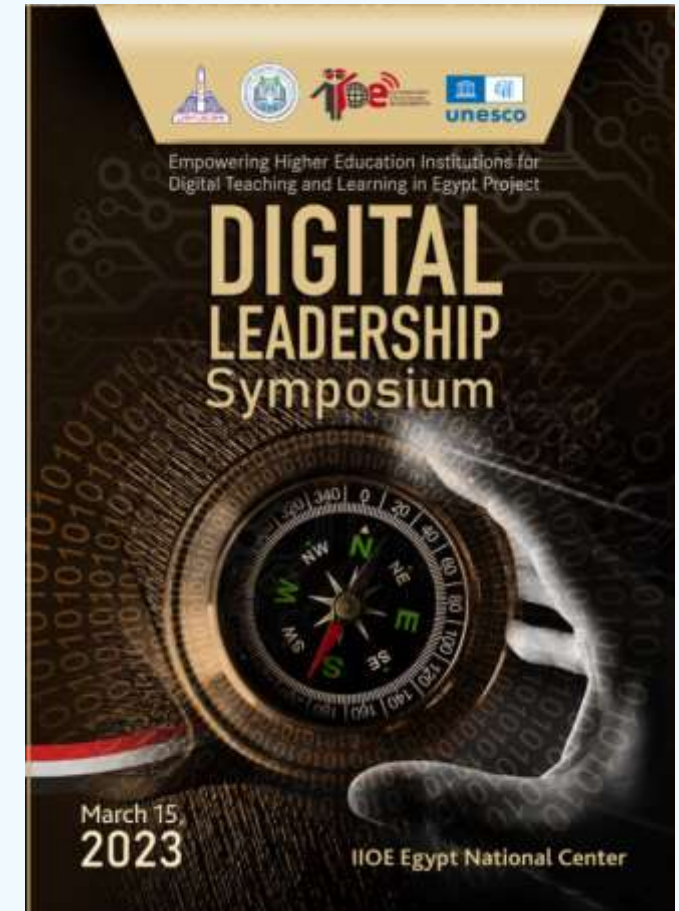
Support Egyptian HEIs to develop/revise/refine digital transformation strategies/policies

Target Panelists and Audience:

Presidents/vice-presidents, Deans/vice-deans of Egyptian HEIs

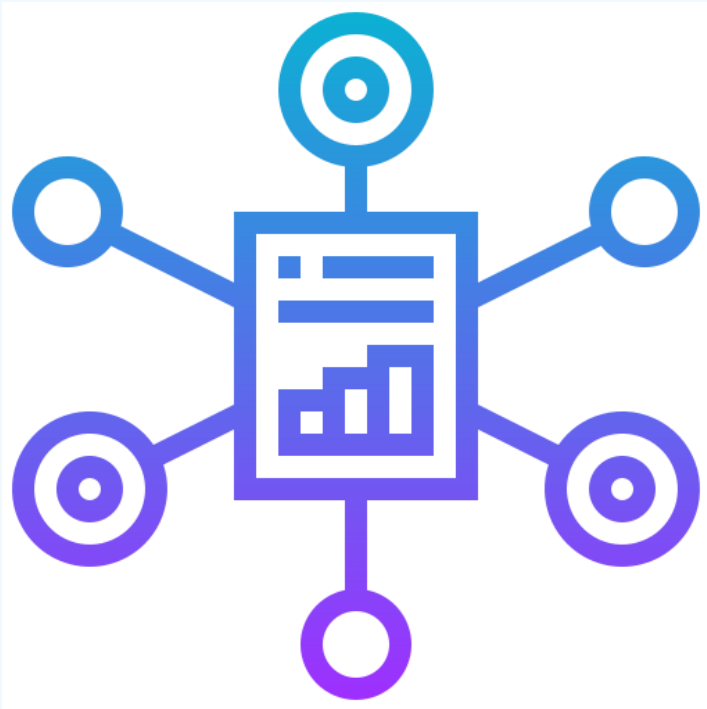
Final output:

A policy brief based on the symposium's discussions, providing recommendations for Egyptian HEIs to develop/revise/refine strategies and policies for digital transformation of teaching and learning.



WAY FORWARD

towards localization of IIOE mission in Egypt



- The analysis of the first project outcomes and conclusion.
- The action plan for the upcoming phase.
- Planning the next project according to the needs analysis on the quality framework of digital teaching.
- More collaboration with international experts in developing more training programs.
- The expansion of the IIOE Egypt national center HEI network to include the Egyptian private universities.
- The establishment of continuous dialogue between all parties of education leadership to endorse the strategies of digital teaching.



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Thank you !