



openeducationweek.org  
**elearning.upt.ro**  
EDEN OEW - webinarii, zilnic

Ediția a VIII-a  
**Workshop internațional**



#OEWTimisoara #openeducationwk

## Open Education Week 2021

1 - 5 Martie 2021

## Săptămâna educației deschise 2021

### Educația deschisă în timpul pandemiei

Miercuri 3 martie 2021, 13:00 - 17:30, online

### Open education in pandemic times





Piața Victoriei nr. 2  
RO 300006 - Timișoara  
Tel: +40 256 403000  
Fax: +40 256 403021  
rector@upt.ro  
www.upt.ro

# Educația deschisă și impactul în ecosistemul educației digitale, colaborarea dintre universități, școli, organizații neguvernamentale și asociații profesionale, implicarea EDEN și IEEE

Dr. Diana Andone

Politehnica University of Timisoara

Romania

[www.digiculture.eu](http://www.digiculture.eu)

Politehnica  
University of  
Timisoara



Erasmus+

#OEWeek 2021  
#OEWeekTimisoara

3 martie 2021



@diando70

# Open Education



<https://www.openeducationweek.org/>

Community of Practice for Open Education

<https://www.cccoer.org/>

<https://www.oeglobal.org/>



## Politehnica University of Timisoara, Romania



# Centrul de ID/IFR și eLearning





# EU Digital Education Action Plan (2021-2027)

**1. Fostering the development of a high-performing digital education ecosystem**

**2. Enhancing digital skills and competences for the digital transformation**

- **basic digital skills and competences** from an early age
  - digital literacy, including fighting disinformation
  - computing education
  - good knowledge and understanding of data-intensive technologies, such as artificial intelligence
- **advanced digital skills** which produce more digital specialists and also ensure that girls and young women are equally represented in digital studies and careers

[https://ec.europa.eu/education/education-in-the-eu/digital-education-action-plan\\_en](https://ec.europa.eu/education/education-in-the-eu/digital-education-action-plan_en)

# EU Digital Education Action Plan (2021-2027)

update the European Digital Competence Framework

create a **European Digital Skills Certificate (EDSC)**

encourage more participation in the International Computer and Information Literacy Study (ICILS),

target advanced digital skills development through steps such as extending the Digital Opportunity traineeships

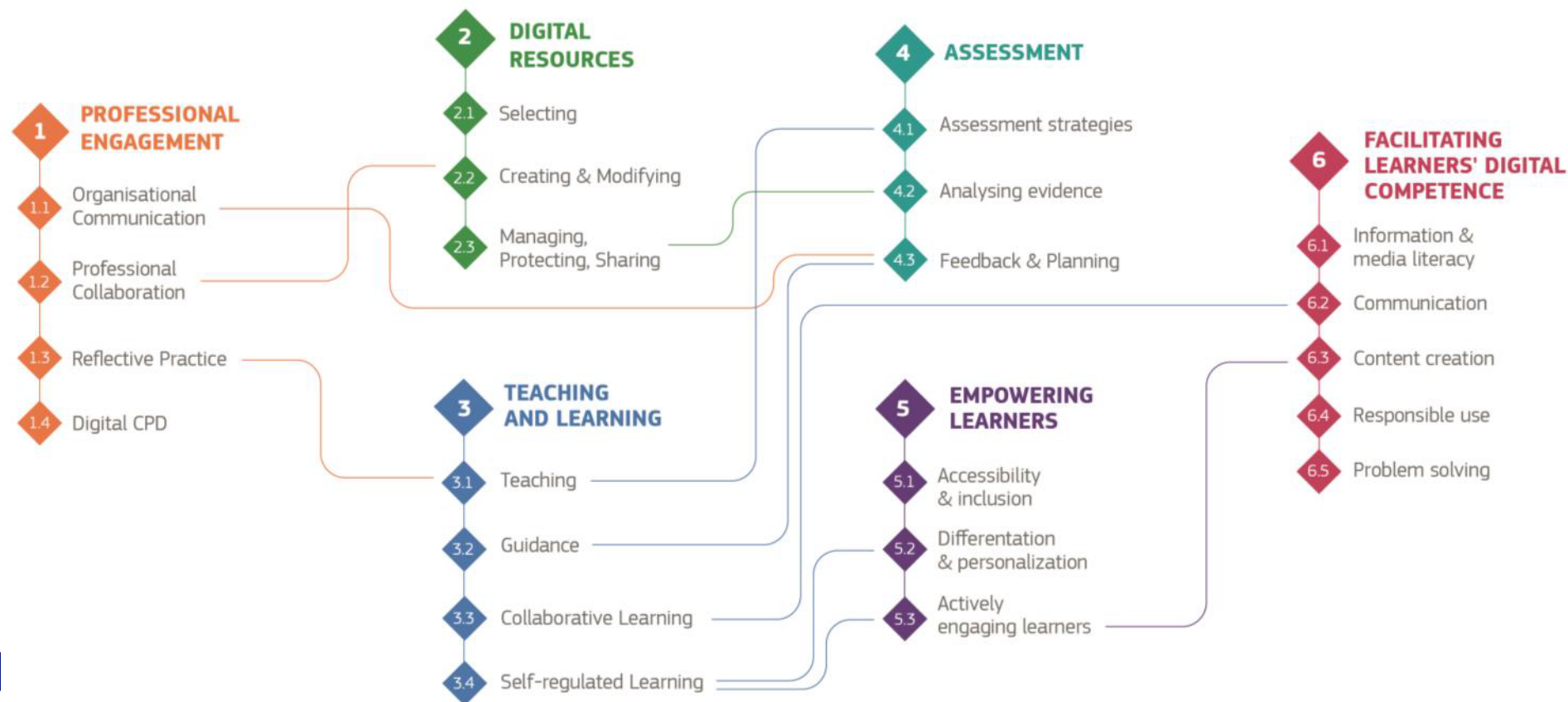
**women's participation in STEM** (science, technology, engineering and mathematics)

[https://ec.europa.eu/education/education-in-the-eu/digital-education-action-plan\\_en](https://ec.europa.eu/education/education-in-the-eu/digital-education-action-plan_en)

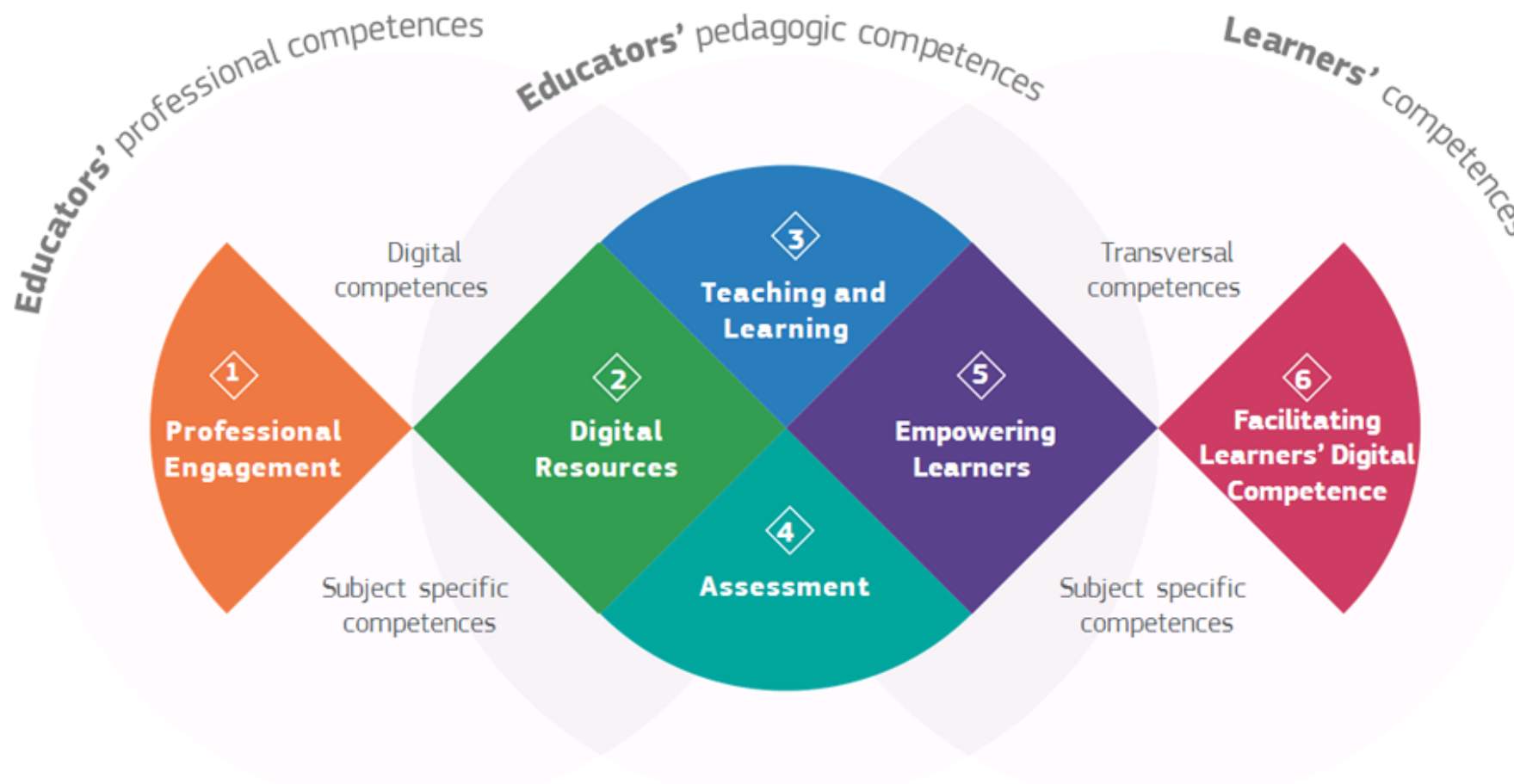


# Digital Competence Framework for Educators (DigCompEdu)

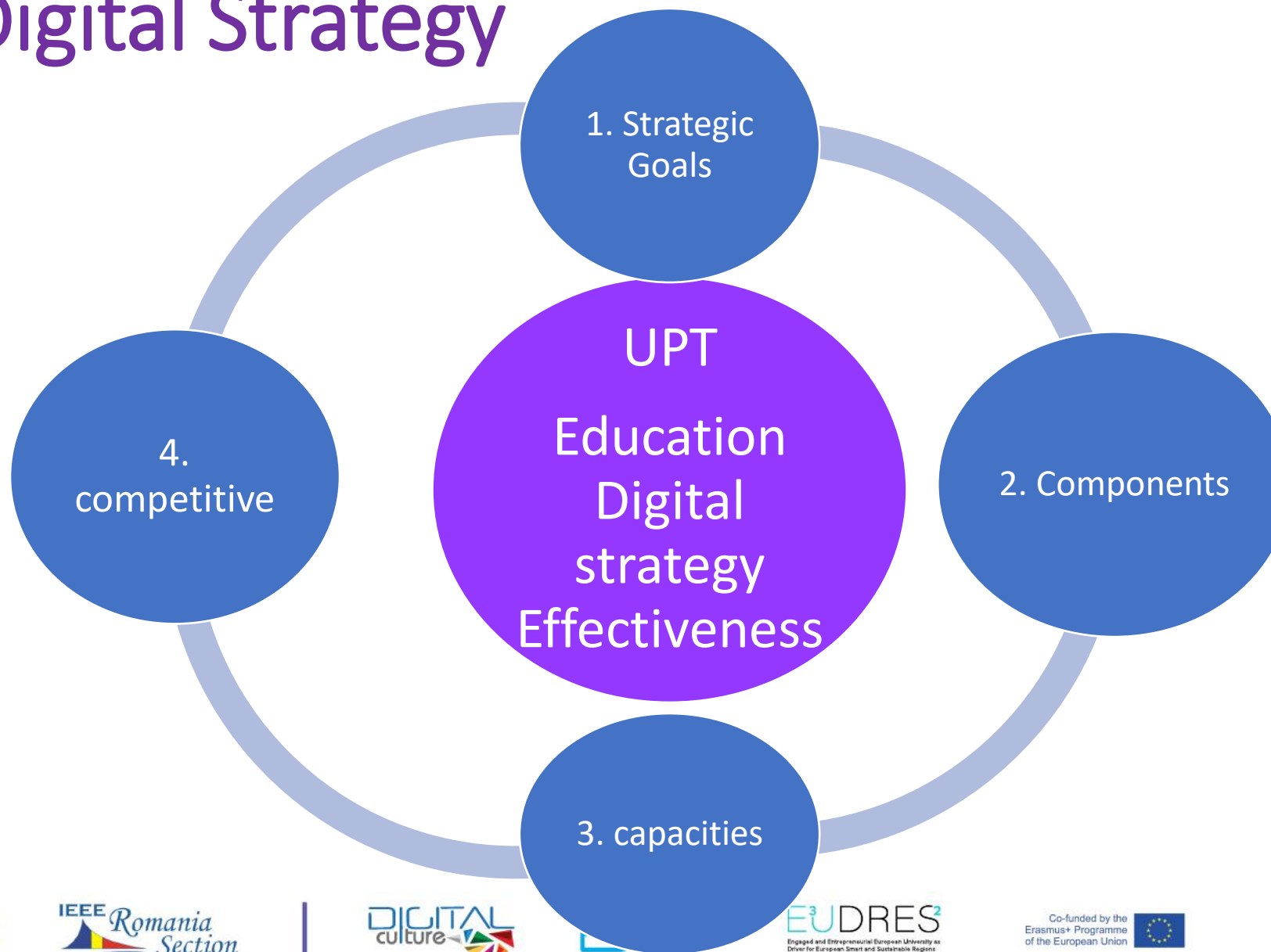
<https://ec.europa.eu/jrc/en/digcompedu>



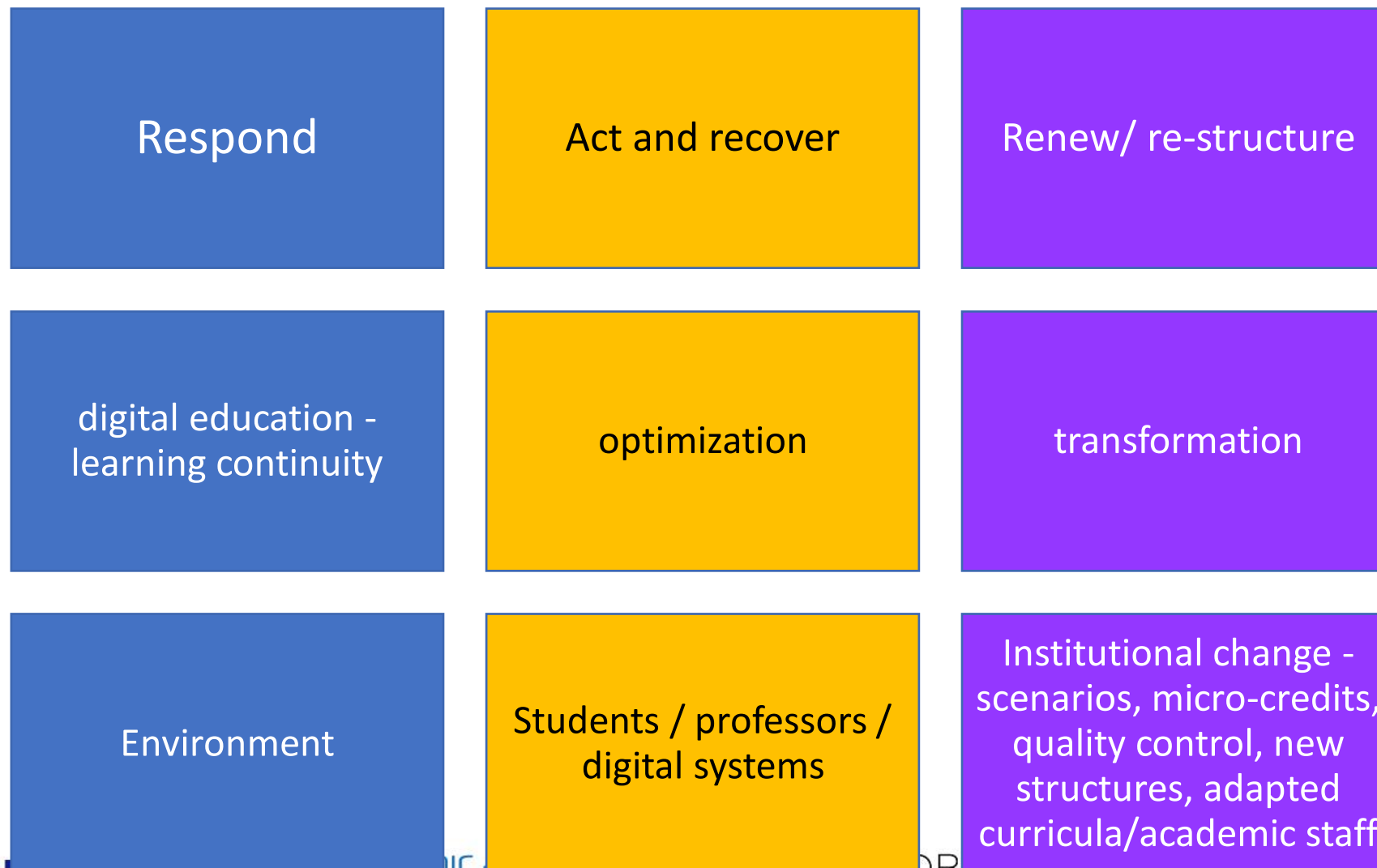
# Digital Competence Framework for Educators (DigCompEdU) <https://ec.europa.eu/irc/en/digcompedu>



# UPT Digital Strategy



# Education Digital Strategy - UPT





**Digital Tools**  
(creating, using)  
Core  
Content  
Skills

**Digital Education  
Eco-system**  
Collaboration  
Co-creators

**Academic  
Culture changes**  
Learning  
transformation

**Together  
Online**

Early Adopters



Enablers



Digital leaders

## UPT Digital Education

# Digitisation



**Digital Tools**  
(creating, using)  
**Core**  
**Content**  
**Skills**

# Digitisation

Core  
 UPT Virtual Campus  
 UniCampus - MOOCs courses  
 Training

## Early Adopters

# Educație digitală și proiectare educațională



**ABCtoVLE Erasmus+ project - UPT**

Toolkit ABCtoVLE

<https://elearning.upt.ro/ro/project/abc-to-vle-beyond-curriculum-design-2/>

Ghid de resurse ABCtoVLE

<https://elearning.upt.ro/ro/educatie/noutati-educatie/ghid-de-resurse-si-metode-de-educatie-digitala/>

Diagrama ABCtoVLE

<https://elearning.upt.ro/ro/educatie/noutati-educatie/abc2vle-ghid/>



Co-funded by the Erasmus+ Programme of the European Union

@ABCtoVLE

<https://abc-ld.org/abc-to-vle/>



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# Digitalisation

Digital Education  
Eco-system  
Collaboration  
Co-creators



# Digitalisation

Digital Education Eco-system  
Collaboration  
Co-creators  
Collaboration  
Virtual mobilities

# Enablers





Today students will learn independent and digital all their life

21st century skills /  
future skills

# OPEN life long learning STUDENT

Are they ready to identify, access, learn, analyse, apply, practice new knowledge across different media, information, communication, tools as to enhance their skills and develop their careers?

# How to develop Open life-long learning students for the 21<sup>st</sup> century society?

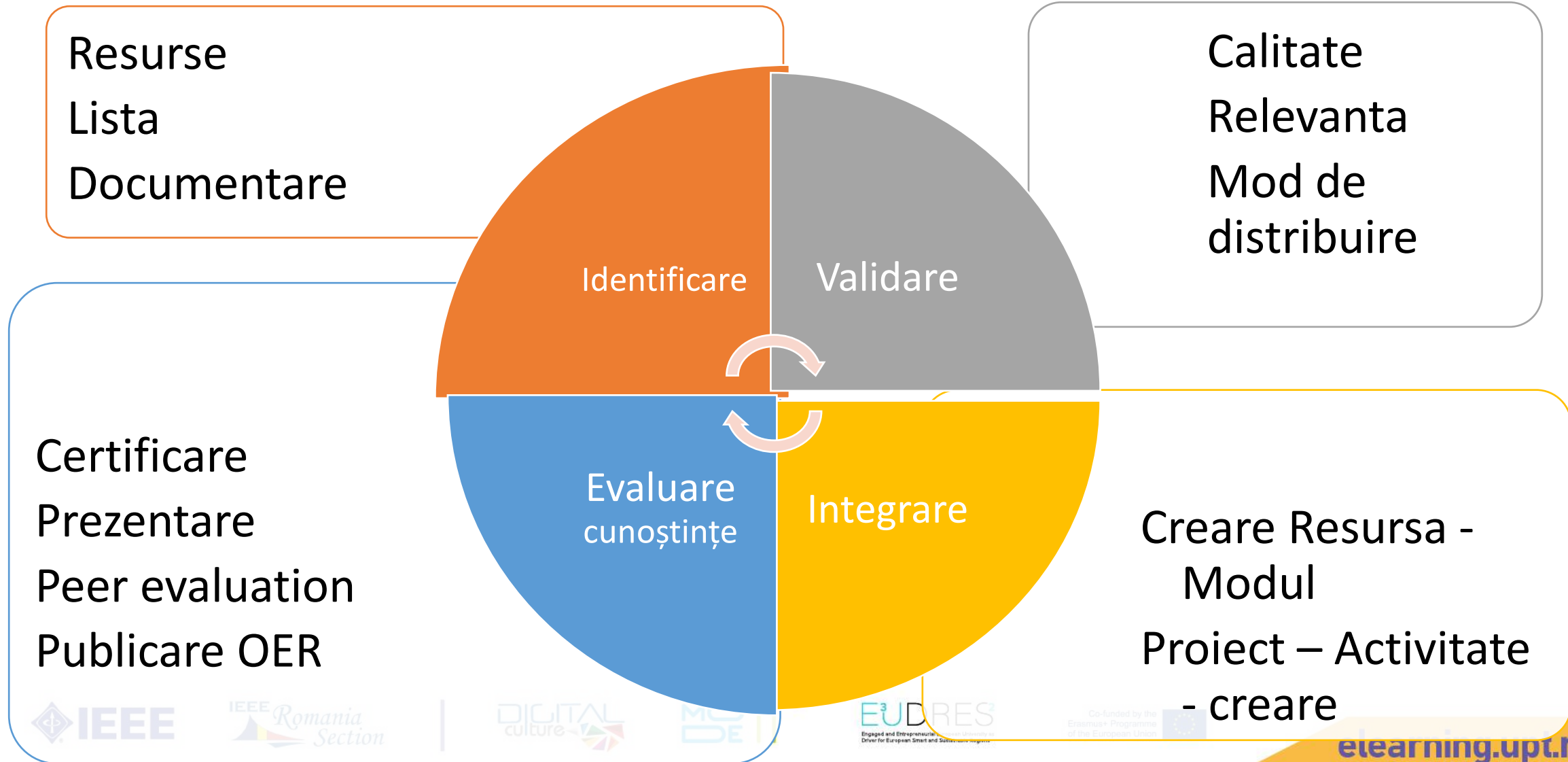
MOOC

Virtual  
Campus  
OER  
Co-  
creators

Virtual  
Mobilities

Micro-  
credentials

# Utilizare OERs & MOOCs



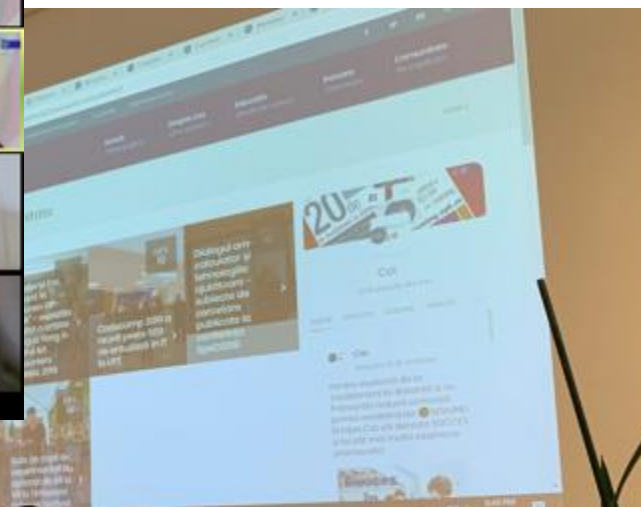
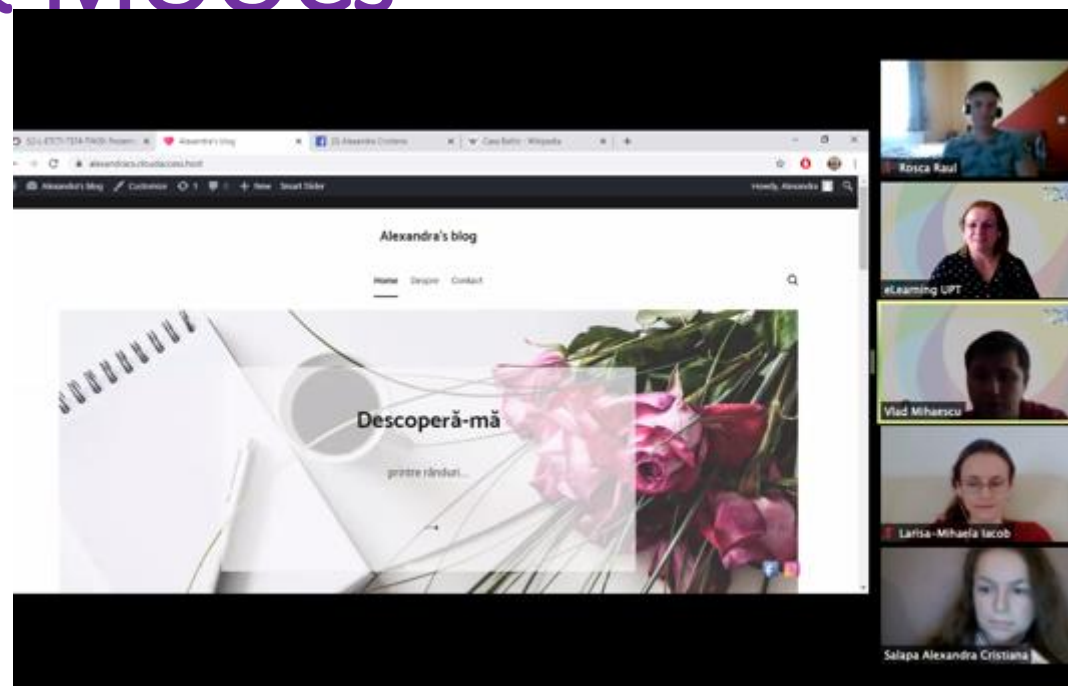
# Utilizare OERs & MOOCs

Realizare:

Raport

Prezentare

Suținere în grup (clasă)



Unelte



# Utilizare OERs & MOOCs

Feedback

Publicare

Urmărirea activă a unui curs MOOC, la alegerea lor, în subiectul cursului

Comentarea elementelor de curs

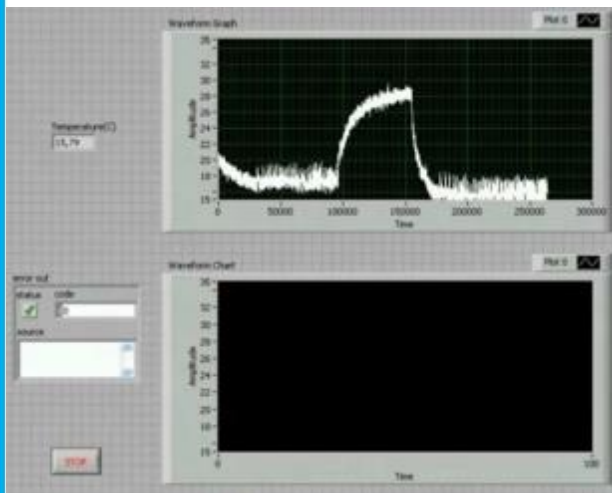
Blog și Wiki în CVUPT pentru conținut creat de studenți



Raport final

25% din nota finală

# Utilizare OERs



Campus Virtual™ UPT CeL Dashboard Preferences My Menu My courses English (en)

Courses Licenta AC L-AC-CTRO L-AC-CTRO-1 S2-L-AC-CTRO1-LD Activități curs online Curs 6 - Multiplexor - circuit combinational

My Menu

- Profile
- My Blog
- Calendar
- My Files

Navigation

- Dashboard
- My courses
  - ppt
  - abs20
  - cid\_administrativ
  - soc\_cid
  - tut\_stud
  - tut\_prof
  - soc\_cid\_la
  - soc\_cid\_tst
  - S1-ID-TST4-TMM
  - S12-ID-TST4-LJC
  - soc\_cid\_crp
  - soc\_cid\_tcm
  - S1-L-ETCTI-TST4-TMM
  - S2-L-ETCTI-TST4-TW20
  - S12-M-ETCTI-DRETC
  - soc\_m\_etc
  - S1-M-ETCTI-TM1-TAMM
  - S2-M-ETCTI-TM1-IU
  - S2-M-ETCTI-TM1-TW2
  - S1-M-ETCTI-TM2-TI
  - S1-M-ETCTI-eA+O-MPC
  - S1-M-ETCTI-CN2-O-AMT
  - S1-M-SC-CRPM2-TW
  - CrEn
  - S1-M-ETCTI-TMM1-TAM
  - POST\_U-SSS
  - POST\_U-MAT
  - prol\_didatec
  - didatec\_formare\_formatori
  - didatec\_formare\_2
  - More...
- Courses

Curs 6 - Multiplexor - circuit combinational

MUX

Exemple de circuite combinationale:

- RAM, MUX
- ROM, ADDER

More videos

1:59 / 6:00

Interactive  
(H5P, Quiz/test in Moodle)

~ 20.000 new resources

UNI CAMPUS

Acasa Cursuri Despre Contact Autentificare Inregistrare

Cele mai bune cursuri online, gratuite, din România

Ție ce ți-ar plăcea să înveți?

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moodle

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since 2014



Digital Skills 2019



Open Education Week 2020



M-commerce (Comert mobil)

ily



VEZI CURS

15 June © 2020



VEZI CURS

16 May © 2016



VEZI CURS

09 Ai © 2016

# CeL Workshop Open Education – 7 ediții

## CeL Workshop Competențe Digitale – 6 ediții

**WORKSHOP OEW 3 martie 2021 – 13 :00 – 17:00**

**Educația deschisă – Toate Resurse – prezentari – video**

In CeL- UPT – OPEN <https://elearning.upt.ro/ro/open/>

Pe Canalul CeL de YouTube <https://www.youtube.com/user/cidupt/>

**UNICAMPUS**

<https://unicampus.ro/>





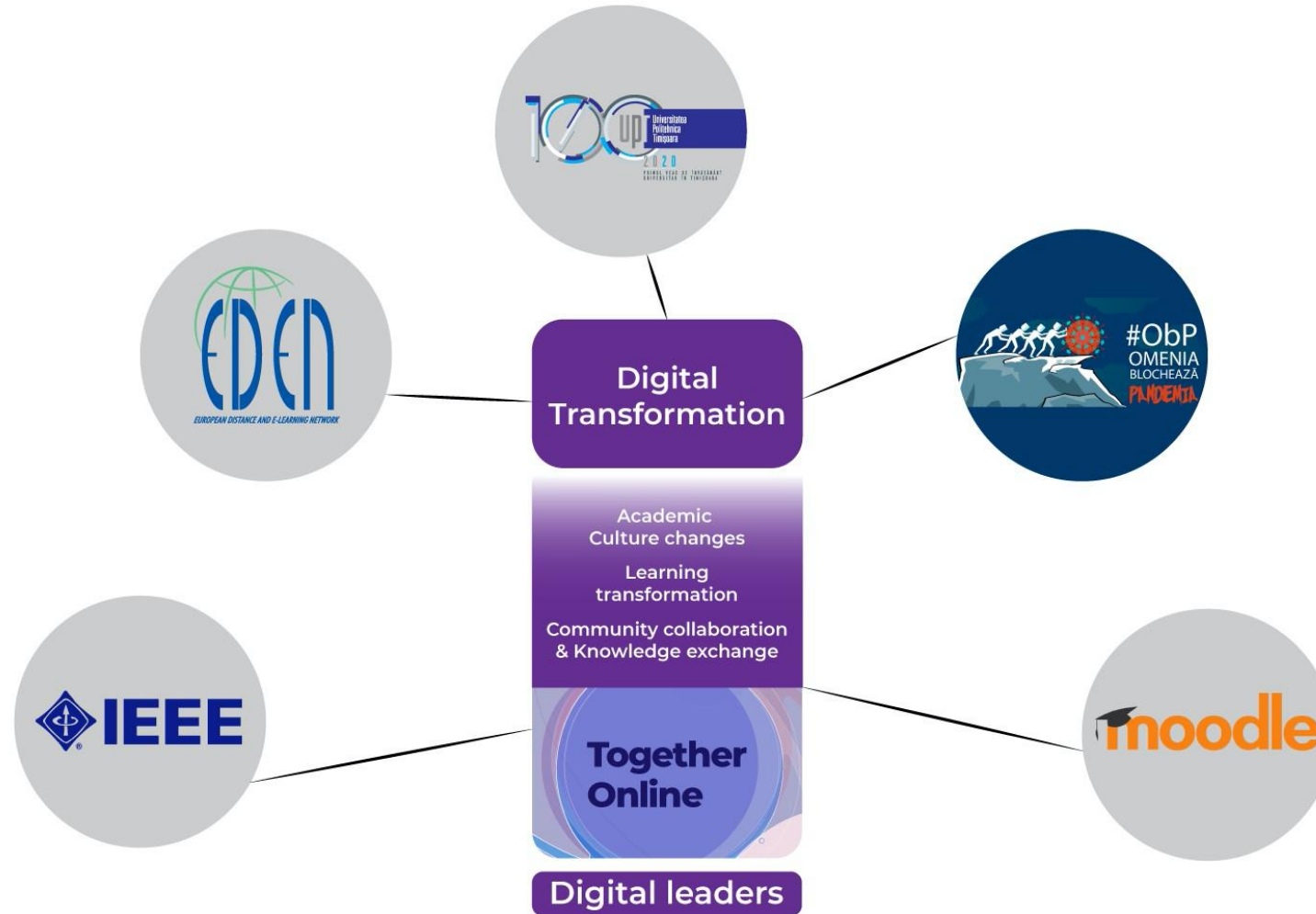
Digital  
Transformation

Academic  
Culture changes  
Learning  
transformation

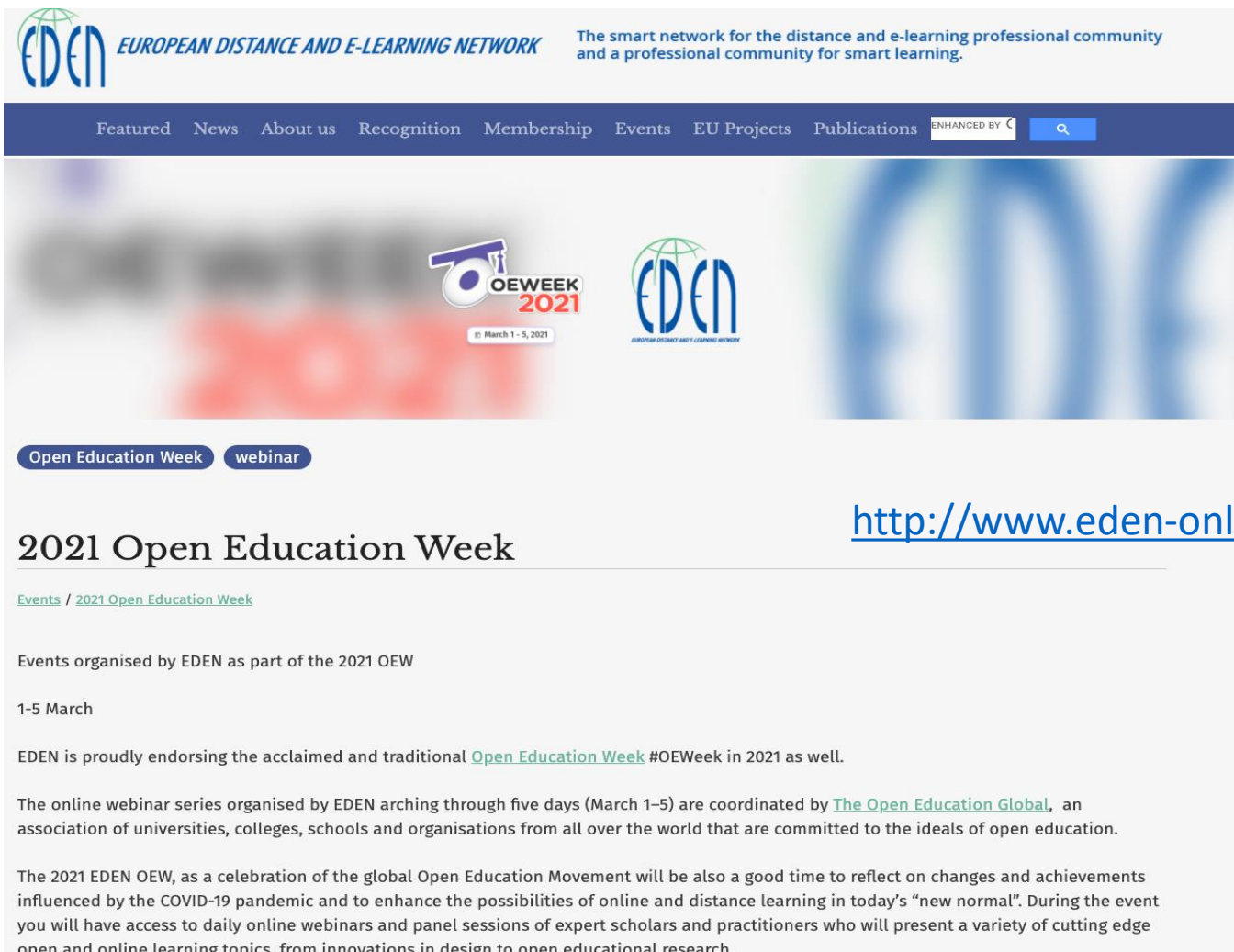
Together  
Online

# Digital Transformation

Academic Culture changes  
Learning transformation  
Community collaboration & Knowledge exchange



<http://www.eden-online.org/>



The screenshot shows the EDEN website homepage. At the top left is the EDEN logo with the text "EUROPEAN DISTANCE AND E-LEARNING NETWORK". To its right is the tagline: "The smart network for the distance and e-learning professional community and a professional community for smart learning." Below this is a dark blue navigation bar with links: "Featured", "News", "About us", "Recognition", "Membership", "Events", "EU Projects", "Publications", and a search bar. The main content area features a large banner with the OEWeek 2021 logo (March 1-5, 2021) and the EDEN logo. Below the banner are two blue buttons: "Open Education Week" and "webinar". The main heading is "2021 Open Education Week". Below the heading is a breadcrumb trail: "Events / 2021 Open Education Week". The text below describes events organized by EDEN as part of the 2021 OEWeek, held from March 1-5. It mentions that EDEN is endorsing the traditional Open Education Week and that the online webinar series is coordinated by The Open Education Global. The text concludes by stating that the 2021 EDEN OEWeek is a celebration of the global Open Education Movement, reflecting on changes and achievements influenced by the COVID-19 pandemic.

<http://www.eden-online.org/open-education-week-2021/>

Featured News About us Recognition Membership Events EU Projects Publications ENHANCED BY C

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**EDEN 2021 VIRTUAL ANNUAL CONFERENCE**  
22-25 June 2021

Events

Annual Conference conference

**EDEN 2021 VIRTUAL ANNUAL CONFERENCE, JUNE KEYNOTES**  
2021-02-26

EDEN 2021 Virtual Annual Conference – UNED-Madrid First Keynotes Announced! "Lessons from a pandemic for the future of education" Conference call Dear EDEN Members, Partners, and Friends, We are delighted to introduce the first, confirmed keynote speakers of the EDEN 2021...

[READ MORE](#)

EDEN news

30th anniversary

**THREE DECADES OF SERVING MODERNISATION IN EDUCATION**  
2021-02-24

"We're living through the most challenging and exciting times in Europe and in our own field" - EDEN President Professor Antonio Teixeira wrote in his introduction to the volume published in 2016, on the occasion of the 25th Anniversary Year...

[READ MORE](#)

Events

Open Education Week webinar

**2021 OPEN EDUCATION WEEK**  
2021-02-23

Events organised by EDEN as part of the 2021 OEWeek 1-5 March EDEN is proudly endorsing the acclaimed and traditional Open Education Week #OEWeek in 2021 as well. The online webinar series organised by EDEN arching through five days (March...

[READ MORE](#)

EDEN news

EURODL

**DR. ULRICH BERNATH AND PROFESSOR ALAN TAIT AWARDED WITH EDEN EURODL SENIOR EDITOR EMERITUS TITLES**  
2021-02-23

EDEN is delighted to announce that according to the decision of the of the EDEN Executive Committee on 11 February, 2021 the honorary titles EURODL Chief Editor Emeritus have been awarded to the publication's two highly acclaimed and devoted, previous...

[READ MORE](#)

Events

conference

**EDEN 2021 CONFERENCE WITH UNED – FLEXIBLE SUBMISSIONS**  
2021-02-19

EDEN 2021 Virtual Annual Conference - UNED Madrid "Lessons from a pandemic for the future of education" CALL IS OPEN! Dear Members, Colleagues and Friends, 2021 marks EDEN's 30th Anniversary year, therefore the virtual Madrid Conference, hosted by the National...

[READ MORE](#)

Partners' news

**PETER THE GREAT ST. PETERSBURG POLYTECHNIC UNIVERSITY REVIEW**  
2021-02-23

Peter the Great St. Petersburg Polytechnic University is an appreciated member of the European Distance and E-Learning Network. To have a more comprehensive picture and understanding of the university's operation, achievements, projects and endeavours, we are glad to present the...

[READ MORE](#)

Events

Open Education Week webinars

**OPEN EDUCATION WEEK 2021 – OPENING DAY**  
2021-02-18

Open Education Week March 1 – 5, 2021 Dear EDEN Members, Colleagues and Friends, EDEN is proudly hosting the acclaimed and traditional Open Education Week in 2021 as well. The online webinar series arching through five days (March 1-5) are coordinated...

[READ MORE](#)

Events

call conference

**EDEN 2021 ANNUAL CONFERENCE RECOGNITION OF EXCELLENCE**  
2021-02-08

EDEN 2021 Virtual Annual Conference - UNED Madrid "Lessons from a pandemic for the future of education" CALL IS OPEN! Conference Call Dear EDEN Members, Friends and Partners, During the EDEN 2021 Virtual Conference – UNED-Madrid, the PhD Symposium will be held...

[READ MORE](#)

**eua** EUROPEAN UNIVERSITY ASSOCIATION

In support of COVID-19 Global Education Coalition Launched by UNESCO

<http://www.eden-online.org/>



# OpenEdTech

## Open Educational Technologies

Guiding principles for Open EdTech:

1. Education is a basic human right and Open EdTech can best enable equitable access to quality education for everyone on Earth.
2. We strongly support open standards and interoperability.
3. Control of education technology should be collectively shared.
4. We want to empower educators and learners to improve our world.
5. Education should drive technology, not the reverse.
6. We encourage strategic alliances and networks for those around Open EdTech.
7. Open EdTech should be the most well-designed, competitive and sustainable technology available.
8. We embrace the best of open source practices.
9. We want to build on what already exists, including standards and tools.
10. Openness in EdTech should include transparency about sustainability models.
11. We work closely with our diverse communities to define our goals and roadmaps.
12. We understand and respect diversity when creating and recommending Open EdTech tools and resources.



This document: [bit.ly/2XBTMty](https://bit.ly/2XBTMty)



# IEEE EDUCATION

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[Advanced Search Options](#)

[Home](#) / [Information Technology Community Portal](#)

## Information Technology Community Portal

Welcome!

[Add to the Collection](#)

Endorsed by

IEEE computer society

IEEE EDUCATION SOCIETY

MERLOT Information Technology

Welcome to the Information Technology Community Portal!

<https://www.merlot.org/merlot/InformationTechnology.htm>

IEEE.org | IEEE Xplore Digital Library | IEEE-SA | IEEE Spectrum | More Sites | Cart (0) | Create Account | Personal Sign In

**IEEE Xplore<sup>®</sup> Digital Library**

Access provided by:  
Polytechnic University of Bucharest  
» Sign Out

**IEEE Xplore**

Browse ▾ My Settings ▾ Get Help ▾

Search **4,552,183** items

All ▾ Enter keywords or phrases (Note: Searches metadata only by default. A search for 'smart grid' = 'smart AND grid')

Advanced Search | Other Search Options ▾

## IEEE Xplore Search Engine Upgrade

The new search engine for IEEE Xplore allows for a much more integrated experience and offers users more enhanced search features.

[Learn More](#)  
Register for one of the upcoming webinars for Power Searchers

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# IEEE Collabratec

The screenshot displays the IEEE Collabratec interface for the Smart Cities community. The top navigation bar includes the IEEE Collabratec logo, a search bar for communities, and user profile information for 'Lucian'. The left sidebar lists navigation options: Home, People, My Network, Communities, Groups, Opportunities, Events, Library, User Guide/FAQ, Premium Services, and Feedback. The main content area features a header for the 'Smart Cities' community, provided by the IEEE Smart Cities Initiative, with 13431 participants. Below the header is a post creation section with tabs for 'POST', 'QUESTION', and 'FILE'. The post creation area includes a rich text editor with icons for image, video, link, unlink, bold, italic, underline, bulleted list, and numbered list. A text input field prompts the user to 'Share your thoughts...'. Below this is a 'TAG YOUR POST (OPTIONAL):' section with an input field for 'Enter a new tag'. A green 'Post' button is located at the bottom right of the post creation area. On the right side, there is an 'ABOUT THIS COMMUNITY' section with a description: 'The Smart Cities (SC) Community is comprised of individuals involved in research, implementation, application, and' and a 'Read More' link. A 'Notifications On' dropdown and a 'Leave Community' button are also visible in the top right of the community header.

3 martie 2021

## Educational Robotics for all: gender, diversity, and inclusion in STEAM UNED

[ENROLL IN THIS COURSE](#)

[https://iedra.uned.es/courses/course-v1:UNED+STEM\\_EngiFound\\_001+2019/about](https://iedra.uned.es/courses/course-v1:UNED+STEM_EngiFound_001+2019/about)

Robotics and computational thinking are valuable tools for developing the pedagogy of science, technology, engineering and mathematics (STEM), and for promoting the inclusion and integration of students. We currently have a multitude of robotic teaching tools at our disposal. These tools arise with the aim of promoting innovation and motivation of students during the learning process. Robots are more and more common in today's society. Therefore, it is important to integrate robots at all levels of our daily lives. This course focuses on the presentation of a combination of teaching methodologies, educational robotics tools and a student learning management methodology. All of this is focused on strengthening the presence of women in engineering. This course is developed in collaboration with the IEEE Education Society, the DIECCTQAI (Electrical and Computer Engineering Department) of the UNED, the IEEE, the Spanish Chapter of the IEEE Education Society, the IEEE Student Branch of the UNED and Plaza Robotica.

### Teaching Team

The teaching team integrates national and international experts in the field of Open Education and educational activities for the promotion of women and young people in engineering and STEM. It includes experts from UNED, University of Northumbria (United Kingdom), University of La Laguna, University of Porto, Federal University (Brazil), Polytechnic University of Madrid, University of Vigo and University Miguel Hernández. The common link between them, besides being experts in the subject matter of the course, is membership of the IEEE Education Society, the educational section of the largest engineering association in the world.

Course Number	<b>STEM_EngiFound_001</b>
Classes Start	<b>15 October 2020</b>
Classes End	<b>15 December 2020</b>
Estimated Effort	<b>04:00</b>
Price como oyente	<b>0€</b>
Price del certificado (1 ECTS)	<b>40€</b>
Price de la credencial	<b>15€</b>

# IEEE Education



IEEE Education Society  
<https://iee-edusociety.org/>



IEEE Learning Network  
<https://iln.ieee.org/>



IEEE Digital Library  
[IEEE Xplore  
ieeexplore.ieee.org](https://ieeexplore.ieee.org)



Powered by IEEE



IEEE eLearning Library - courses  
<https://innovate.ieee.org/>

IEEE TryEngineering  
<https://tryengineering.org/>



### Featured Topics

<p><b>Career Development</b></p>	<p><b>Power and Energy</b></p>	<p><b>Emerging Technologies</b></p>	<p><b>Computing</b></p>
<p><b>Telecommunications</b></p>	<p><b>English for Engineering</b></p>	<p><b>IEEE Standards</b></p>	<p><b>Transportation</b></p>

The IEEE Learning Network is your place to find IEEE continuing education. **Browse the full catalog** to find the latest offerings in engineering, technology and more. Want to know more? **Watch this video.**

# IEEE Learning network

<https://iln.ieee.org/>

Peste 900 de cursuri online  
Unele gratuite  
Pret redus pentru studenti



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> Meet an Engineer > Games > Get Involved

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**Educational Kits**  
Newest technologies from companies at the forefront of technological innovation!



Try engineering  
<https://tryengineering.org/>

**Educatie in STEM**  
**Profesori**  
**Elevi-studenti**

# Platforma AntiCovid Timisoara

## Împreună online #23

De la dosariadă, la un proces democratic de evaluare a dezvoltării instituționale a școlilor

Dezbateri privind Ghidul pentru aplicarea unitară a standardelor de evaluare (vol 1) propus de ARACIP

Miercuri, 24 FEBRUARIE, ora 18:00

Prezentatori:

**Prof. Șerban Iosifescu**  
Președinte - ARACIP

Moderatori:

**Dr. ing. Diana Andone**  
Director - Centrul de e-Learning UPT

**Călin Rus**  
Director - Institutul Intercultural Timișoara

**DEZBATERE PUBLICĂ  
PROIECTE PLANURI-CADRU**

**Organizator:**  
Grupul de Lucru Pentru Educație

**Parteneri:**

- #ObP OMENIA BUCURĂZĂ PAREA
- ISITM
- UP - Universitatea Politehnică Timișoara
- CJE Timis
- inedu - INIȚIATIVĂ ÎN EDUCAȚIE
- EducaTH

Aria curriculară/ Disciplina	Clasa a XI-a			Clasa a XII-a		
	TC	CD	TC+CD	TC	CD	TC+CD
LIMBA ȘI COMUNICARE	7	-	7	7	-	7
Limba și literatură română	3	-	3	3	-	3
Limba modernă 1	2	-	2	2	-	2
Limba modernă 2	2	-	2	2	-	2
MATEMATICĂ ȘI ȘTIINȚE ALE NĂTURII	6	3	9	6	3	9
Matematică	2	2	4	2	2	4
Fizică	2	1	3	2	1	3
Chimie	1	-	1	1	-	1
Biologie	1	-	1	1	-	1
OM ȘI SOCIETATE	4	-	4	4	-	4
Istorie	1	-	1	1	-	1
Geografie	1	-	1	1	-	1
Discipline socio-umane*	1	-	1	1	-	1
Religie	1	-	1	1	-	1
ARTE	-	-	-	-	-	-
EDUCAȚIE FIZICĂ, SPORT ȘI SANĂTATE	1	-	1	1	-	1
Educație fizică și sport	1	-	1	1	-	1
TEHNOLOGII	-	4	4	-	4	4
Informatică	-	4	4	-	4	4
CONSILIERE ȘI ORIENTARE	-	-	-	-	-	-
Total ore/ săptămână TC/ CD/ TC+CD	18	7	25	18	7	25
Total ore/ săptămână TC+CD+CDS	29-31			29-31		

20 SI 27 IANUARIE  
ORA 18:00

# Platforma AntiCovid Timisoara

**GHID  
RECOMANDĂRI**  
de **BUNĂ  
PRACTICĂ**

privind începerea și  
desfășurarea anului școlar  
2020/2021 în condițiile  
impuse de COVID-19

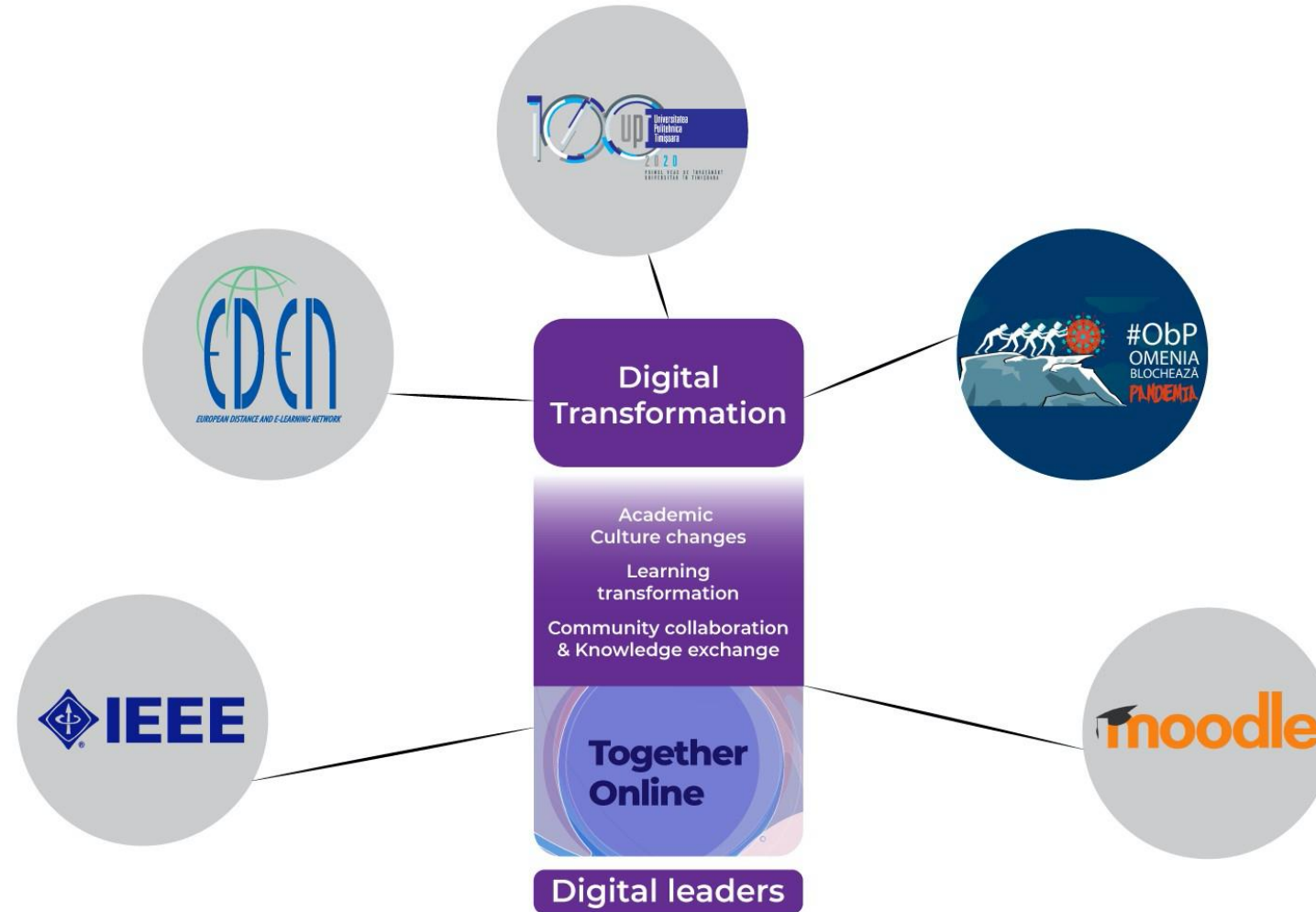
*Comentarii se pot face online,  
direct pe textul ghidului*

[http://bit.ly/ghid\\_recomandari\\_gle](http://bit.ly/ghid_recomandari_gle)













**Digital Tools**  
(creating, using)  
**Core Content Skills**

**Digital Education Eco-system**  
Collaboration  
Co-creators

**Academic Culture changes**  
Learning transformation

**Together Online**

Early Adopters

Enablers

Digital leaders

**UPT Digital Education**

# Contact

**Dr. Diana Andone**

**Elearning.upt.ro**

**cv.upt.ro**

**Unicampus.ro**

**Director**

**e-Learning Center**

Politehnica University of Timisoara

Romania

Email: [diana.andone@upt.ro](mailto:diana.andone@upt.ro)

[Elearning.upt.ro/diana.andone](https://elearning.upt.ro/diana.andone)

@diando70

**EDEN Fellow 2011**

**EDEN Vice-president**

**IEEE Romania Education Chair,**

**IEEE Education BoG**

**IEEE Computer Society, TCLT Open Chair**

**IEEE Education and Women in Engineering**



