









Digital Transformation of Higher **Education Teaching and Learning in Arab Region**

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ALECSO Organization

- □The Arab League Educational, Cultural and Scientific Organization
 (ALECSO) is a governmental organization working under the umbrella of
 the Arab League and it has the membership of 22 Arab countries,
 established in July 1970.
- ☑ALECSO has the role of conducting and coordinating Pan-Arab projects related to Educational, Cultural, Scientific and ICT fields and it is premised on the values of tolerance, moderation, respect of others and cultural diversity.











ALECSO – ICHEI cooperation

- Memorandum of Understanding regarding the development of Digital Transformation in Higher Education Teaching and Learning in Arab Region:
 - >Strengthening higher education institutions' capacity on digital teaching and learning at the Arab HEIs.
 - > Promotion and co-construction of capacity building programmes in artificial intelligence, big data, digital teaching and learning, etc. with emphasis on higher education teachers in Arab Region.
 - Support the quality assurance of digital teaching and learning in higher education in Arab Region.



UNESCO-ICHEI and ALECSO Joint Research Report Agreement

Objective of this joint research:

- ➤ To identify the challenges, gaps, needs, possible solutions and best practices in digital transformation of higher education teaching and learning faced by HEIs in different countries in Arab States.
- To provide references for higher education policy makers, university administrations, and teachers to promote the digital transformation of higher education, improve the quality and equity of education in Arab States.





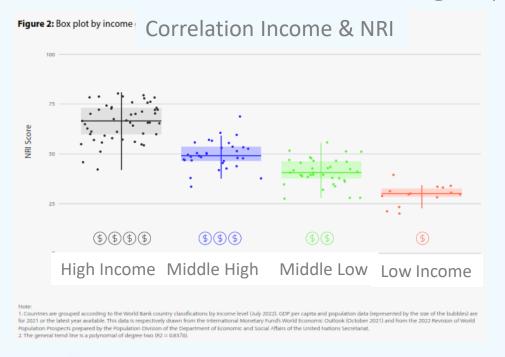


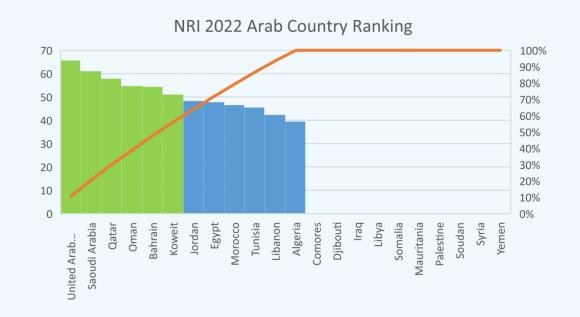




Different levels of Development of Arab States, , Groupings according to NRI

- 10 countries from high, middle and low incomes
- 10 countries classified in 3 groups (A, B, C) as per reference to NRI 2022













Country Concerned by field studies and Groupings:

Country (10)	NRI 2022	Income (WB)	Reference papers (13)	
UAE	65,64 (rank 28/131)	High	(1) Dr. S.Elkouki, Dr.M.Chemili	
KSA	61,09	High	(2) Dr. F. Esselmi Dr. H. Khalifa	
Jordan	48,31	Middle	(1) Prof. M.Weshah	
Egypt	47,76	Middle	(1) Prof. M. Khorshid, Prof. A.Outaifi Hassanine	
Morocco	46,5	Middle	(1) Dr. A. Fel Merkazi, Dr. A. Ghassoub	
Tunisia	45,46	Middle	(2) Prof. S. Krichen Dr. Cheniti	
Algeria	39,48 (rank 100)	Middle	(1) Prof. F. BenDridi	
Iraq	N.R	Middle	(2) Ministry Committee of HE Prof. N. K. Abdessaheb	
Mauritania	N.R	Low	(1) Former Ministry of HE	
Yemen	N.R	Low	(1) Dr. A. Arjech	









Unesco Highlights of Promising Practices (1)

	Group		A (NRI >= 50)	B (<= 39 NRI < 50)	C (NRI < 39)
			High Income	Middle Income	Low Income
		strategies or policies	 Global Country Strategy (KSA, UEA) Strong Specific strategy (UAE) Adoption of specific HEI organisational structure for DT (UEA) 	- Specific Policies or Strategies (Iraq, Morocco, Egypt) - Specific regulation framew ork for digital L&T (Morocco, Tunisia) - COVID-19 strategy	- No strategy - COVID-19 strategy
		digital environment and infrastructure	- High Network Connectivity (UAE, KSA) - High rate of HEI connectivity (UAE, KSA) - High Digital adoption (UAE, KSA)	 High rate of HEI connectivity (Tunisia, Jordan, Morocco) Middle Digital adoption and Digital terminal availability (Jordan, Egypt) 	- Poor Network connectivity - Only some HEI are connected
	Institutional policies, planning, and initiatives	Main initiatives in HEI for building DT culture	- Integrated University Information System (administration, curriculum, students, faculty, curriculum, library, academic advice, online assessment,) (UAE, KSA) - Intergrated platforms for T&L - Excellence aw ard for teachers in Digital Teaching & Learning (UAE) - DIGI Campus in 2018 (to develop and implement an innovative, transformative digital higher education model, UAE) - Reinforce Leadership in HEI for DT (UAE)	- Digital approaches for Labs (EXPERES initiative - Morocco) - Launching HEI for virtual T&L (Tunisia, Morocco) - Cooperation w ith international universities w ell known for their Digital Readiness (Egypt)	- Synchronous online learning (Meet, Zoom, Teams,)
		Institutionnal Support in University for digital teaching & learning	- Center of excellence in T&L (KSU)	- University for Virtual T&L (UVT-Tunisia, CVM-Morocco, Egyptian E-learning University) - Specific network insfrastructure for HEI (RNU-Tunisia, MARWAN-Morocco) - Internet and computing provider for Universities (CCK-Tunisia) - Egyptian National Center for the International Institute of Online Education (IIOE) of UNESCO - Open education Center in many Egyptian universities (long life learning) - Network of Multimedia Studios for Digitallearning contents (Morocco)	- International Center for Innovation in Higher Education (Yemen)



Group		A (NRI >= 50)	B (<= 39 NRI < 50)	C (NRI < 39)
		High Income	Middle Income	Low Income
Teachers &	Teacher training for Digital teaching in HEI	- certificate for Digital Teacher since 2019 (Higher College of Technology -UAE)	- Certificate for Digital T&L (Morocco) - Digital curriculum for teachers (Jordan)	
Teaching	Competences covered in Digital Teaching			
	Digital pedagogy	- Hybrid Education Model (Higher College of technology - UAE)	- Blended learning - Transformed Blended Learning - Inverted teaching	- synchronous e-learning (Mauritania)
	% of blended learning			
Digital learning and transformation	Initiatives to promote Open, free Digital resources and platforms		- launch of call for tenders for MOOCs and SPOCs development (MarMOOC project-Morocco)	
	Certification	- certifacate of Digital Literacy for students (Higher College of Technology - UAE)		
	Digital teaching platforms	- LMS platforms	- MOODLE platform	- Online teaching platforms: Classroom, Meet, Jamboard, (Yemen, Mauritania)
OA for Digital Tol	Quality Assurance Framework	- guidelines for quality digital teaching (Higher College of technology - UAE)	- guidelines for quality digital teaching (Iraq) - guidelines for digital skills and abilities to use in teaching (U. EOKBA-Jordan)	
QA for Digital T&L	Specific team/department for QA			









Country Analysis of Digital Transformation of Higher Education Teaching and Learning in Arab Region: Next Steps

- Complete Information Gaps through other Sources in order to get a more complete picture on the reality on the ground, finalize the country analysis and Identify challenges
- Highlight the successes that can be used as case studies for possible replication
- Elaborate a Digital Transformation of Higher Education Teaching and Learning framework that takes into account the 3 levels of development
- Recommendations for Future Trajectory of Higher Education Digital Transformation in Arab Region, Taking into account the 3 levels of development











Thank you!