



مسقط 2024
Muscat 2024



إيسيسكو
ICESCO

ICESCO Education Ministers Conference

ICESCO EMC 3

Beyond Transforming
Education Summit:
from Commitments to Actions

Session 3:

**Unlocking Potential: Best Practices
in Leveraging AI and Digital Tools for
Education System Transformation**

Muscat,
Sultanate of Oman

2-3
October

2024



إيسيسكو
ICESCO

ICESCO Education Ministers Conference

ICESCO EMC 3

Beyond Transforming Education Summit:
from Commitments → to Actions

Session 3:

**Unlocking Potential: Best Practices in
Leveraging AI and Digital Tools for Education
System Transformation**

Muscat,
Sultanate of Oman

2-3
October

2024





Organizer(s):

- Islamic World Educational, Scientific and Cultural Organization (ICESCO)
- World Innovation Summit for Education (WISE) Qatar Foundation

Date & Time: October 2, 2024 (60 minutes)

Venue: Muscat, Sultanate of Oman

Moderator: Mr. Stavros N. Yiannouka,
CEO of WISE - Qatar Foundation

Focus: In today's rapidly evolving educational landscape, the integration of AI and digital tools holds immense promise for driving system-wide transformation in teaching and learning. This panel aims to delve into the best practices and strategies for harnessing the power of AI and digital technologies to foster inclusive, equitable, and high-quality education globally.

Target Audience: Ministers of Education from ICESCO Member states, Education policymakers, United Nations Agencies and funds, humanitarian actors, civil society representatives, and development partners from the Arab and Islamic world.



Introduction:

In today's rapidly evolving educational landscape, the integration of AI and digital tools holds immense promise for driving system-wide transformation in teaching and learning. This panel aims to delve into the best practices and strategies for harnessing the power of AI and digital technologies to foster inclusive, equitable, and high-quality education globally.

Through insightful discussions and shared experiences, this panel aims to inspire actionable strategies and partnerships that leverage AI and digital tools to unlock the full potential of education worldwide

POT:
rig (82.05)

LC 88.01



Objectives:

- Explore how AI and digital transformation can serve as catalysts for leapfrogging in education – the ability to make nonlinear, rapid progress – enabling advancements across various aspects of the education system, from personalized learning to efficient administrative processes.
- Discuss the unprecedented opportunities presented by AI and digital tools to enhance inclusion, access, equity, and overall quality in education. Examine case studies and successful implementations that have bridged digital divides and empowered marginalized and underrepresented communities.
- Delve into strategies and solutions for less developed countries to benefit from AI and digital transformation despite financial limitations. Address technological, organizational, and financial requirements, including leveraging initiatives like Starlink, sharing open-source resources, and fostering collaborative partnerships.
- Explore ways to mobilize large IT corporations and technology firms to contribute meaningfully to education system transformation. Discuss potential collaborations, funding mechanisms, and the role of corporate social responsibility in driving positive impact in education.

Format:

- The moderator will provide brief opening remarks to set the scene and provide an overview of the topic.
- Moderator will pose each panelist a 'main question' to which each will be given 5 minutes to respond.
- The moderator will then facilitate a focused discussion with one targeted question for each panelist based on their expertise.
- There will be opportunities for brief questions from the audience during the discussion section if time permits.

Expected Outcomes:

1. One pager summary highlighting discussion takeaway from each represented country
 - a. Lead author ICESCO
2. Policy brief on the discussion of main policy implications
 - b. Co-authored by ICESCO and reviewed by WISE/Qatar Foundation

Session Timetable: 13:50-14:40

Opening remarks by the moderator will

H.E. Dr. Mohamed Ahmed Abdellatif Ramadan Saad,
Minister of Education and Technical Education, Arab Republic of Egypt

Strategic Integration and Vision

1. **Strategic Vision:** What is Egypt's long-term vision for integrating AI into the education system? How does the Ministry plan to align AI initiatives with the broader educational goals of the country?
2. **Policy Framework:** Has the Ministry developed specific policies or frameworks to guide the integration of AI in education? If so, how do these policies address the unique challenges of Egypt's educational context?

Discussion question: Implementation and Infrastructure

3. **AI Infrastructure:** What steps has the Ministry taken to build the necessary infrastructure, such as digital connectivity and access to technology, to support AI-driven education across urban and rural areas in Egypt?
4. **Teacher Training and Capacity Building:** How is the Ministry preparing teachers and educational staff to effectively integrate AI tools into their teaching practices? Are there specific training programs or professional development initiatives in place?

Addressing Educational Challenges

5. **Addressing Inequality:** How does the Ministry plan to leverage AI to reduce educational inequalities, particularly in underserved and rural areas where access to quality education remains a challenge?
6. **Language and Cultural Context:** Given Egypt's linguistic and cultural diversity, how is the Ministry ensuring that AI tools and educational technologies are adapted to meet the needs of all students, including those in Arabic and non-Arabic speaking regions?

AI in Curriculum and Pedagogy

7. **AI in Curriculum:** Is the Ministry incorporating AI literacy into the national curriculum? How are students being prepared to understand and utilize AI as part of their education?
8. **Pedagogical Innovations:** Can you share examples of how AI is being used to innovate teaching methods or personalize learning experiences in Egyptian schools?



H.E. Mrs. Fadhlina Binti Sidek,
Minister of Education, Malaysia

Strategic Integration and Vision

- 1. Strategic Vision:** What is Malaysia's long-term vision for integrating AI into the education system? How does the Ministry plan to align AI initiatives with the country's overall educational goals?
- 2. Policy Framework:** Has the Ministry developed specific policies or frameworks to guide the integration of AI into education?

Question for discussion: Implementation and Infrastructure

- 3. AI Infrastructure:** What steps has the Ministry taken to build the necessary infrastructure, such as digital connectivity and technology access, to support AI-based education?
- 4. Teacher Training and Capacity Building:** How is the Ministry preparing to prepare teachers and educational staff to effectively integrate AI tools into their educational practices? Are there specific training programs or professional development initiatives underway?

Addressing educational challenges

- 5. Confronting inequality:** How does the ministry plan to leverage AI to reduce education gaps, especially in disadvantaged and rural areas where access to quality education remains a challenge?

Artificial Intelligence in Curriculum and Education

- 6. Artificial Intelligence in Curricula:** Is the Ministry integrating AI knowledge into national curricula, and how are students prepared to understand and use AI as part of their education?
- 7. Educational innovations:** Can you share examples of how AI can be used to innovate teaching methods or personalize learning experiences in Malaysian schools?

Dr. Nasser bin Mohammed Al Fannah,

Director of the Office of Technical Programs at the Ministry of Transport, Communications, and Information Technology Academic at the University of Technology and Applied Sciences, Sultanate of Oman

Main question: How do you see the government's role in empowering artificial intelligence and digital technologies to support inclusive and sustainable education in Oman? What strategies have been adopted to achieve this?

Discussion question:

- What steps has the Omani government taken to reduce the digital divide in remote areas?
 - How can AI technologies help improve the quality of education in the Sultanate?
 - How is Oman addressing the challenges associated with enabling digital infrastructure to support education?
-

Dr. Luis Benveniste,
Global Director for Education, World Bank

Main question: As we strive for inclusive and equitable education globally, what are some of the most impactful initiatives you have seen or implemented that use AI and digital tools to bridge the digital divide and empower marginalized communities? How can these strategies be adapted and scaled in different contexts, particularly in less developed countries?

Discussion question:

- What are some innovative examples of AI-driven personalized learning that have led to significant improvements in student outcomes?
- How can education systems balance the need for rapid technological adoption with the capacity-building required to support such changes?
- What role can international collaborations and partnerships play in empowering less developed countries to harness AI and digital tools for education?

Mr. David Fairbairn-Day,
Head of Education Strategy, Avantis Education

Main question: As we strive for inclusive and equitable education globally, what are some of the most impactful initiatives you have seen or implemented that use AI and digital tools to bridge the digital divide and empower marginalized communities? How can these strategies be adapted and scaled in different contexts, particularly in less developed countries?

Discussion question:

- What are some innovative examples of AI-driven personalized learning that have led to significant improvements in student outcomes?
- How can education systems balance the need for rapid technological adoption with the capacity-building required to support such changes?
- What role can international collaborations and partnerships play in empowering less developed countries to harness AI and digital tools for education?

Mr. Mohammad Suhail Al Madani,
CEO, Classera

Main Question: How has Classera contributed to enhancing the learning experience using AI and digital technologies? What are Classera's future visions in this field?

Discussion Questions:

- What challenges has Classera faced in applying AI technologies to education, and how were they overcome?
- How can collaboration between the private sector and governments be improved to support education through technology?
- What are the future plans to expand Classera's impact in developing countries?



14:20-14:35


Discussion

- Moderator to use 'discussion questions' to foster continued discussion among panelists and invite audience questions if time permits.

14:35-14:40

Closing Session:

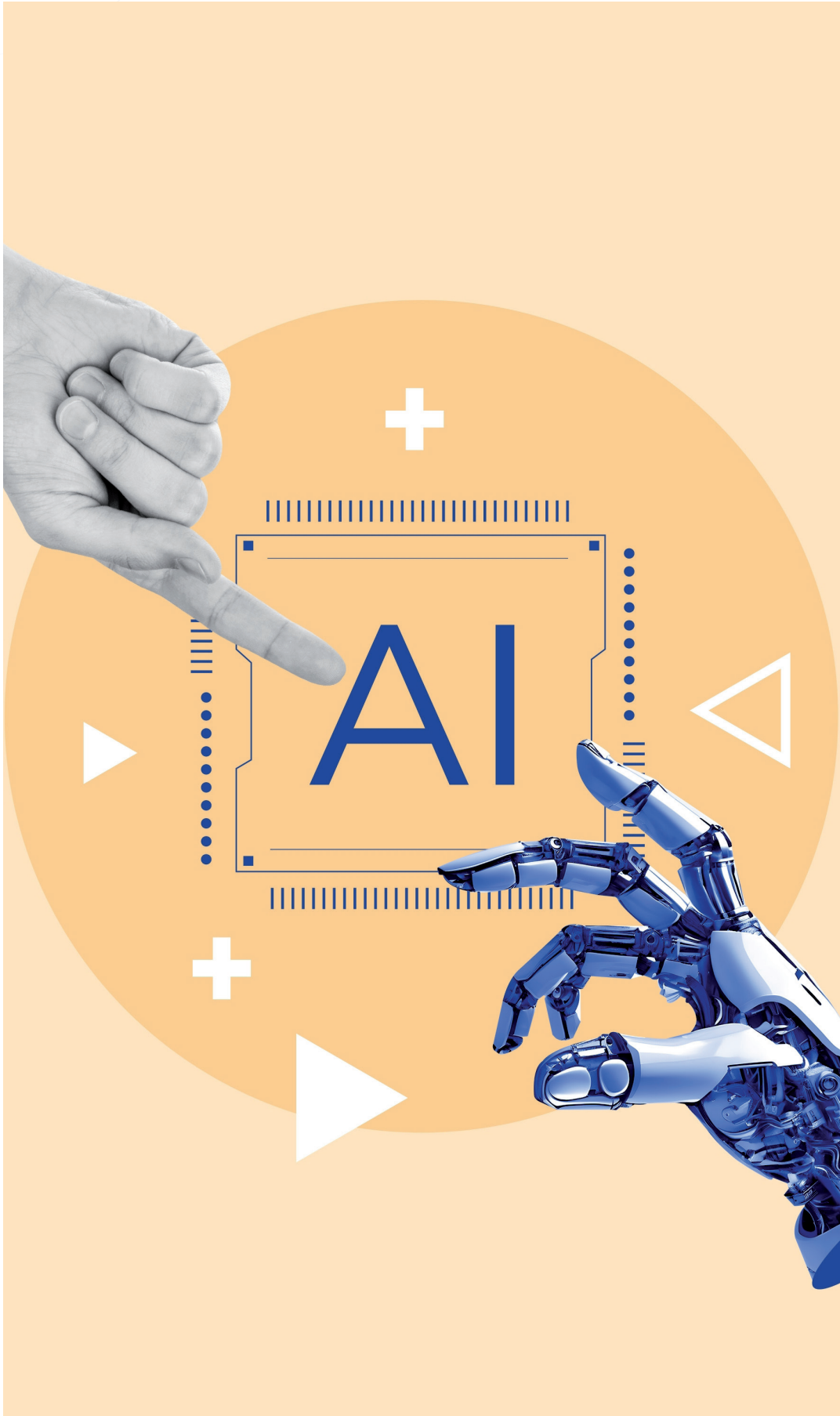
- Recap of key takeaways from the panel.
- Overview of call to action for collaboration among ICESCO Member States.



We invite you to join us for this important discussion and contribute to shaping a more sustainable and inclusive future for all.

For further information, please contact:

- **Waqas Afridi**, Education Expert, Islamic World Educational, Scientific and Cultural Organization (ICESCO) / waqas.afриди@icesco.org / +212 677-162916.
- WISE, Qatar Foundation: **Selma Talha-Jebril**, Research & Policy, stalhajebril@qf.org.qa



Ai



JOIN US ! انضموا إلينا REJOIGNEZ-NOUS