



**SDGs in  
Practice**

by **UN DESA  
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Session

## **Future of Education and Artificial Intelligence**

8 July 2024  
03:00 PM – 05:00 PM (EDT)  
Held virtually

Organized by **UNESCO  
International Institute for  
Higher Education in Latin  
America and the Caribbean  
(IESALC)**

**SUMMARY**

**SPECIAL  
EVENTS**



HIGH-LEVEL POLITICAL FORUM  
ON SUSTAINABLE DEVELOPMENT



# Future of Education and Artificial Intelligence

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## Summary

### Insightful Actions and Innovative Solutions

#### Insightful Actions:

- **Personalized Learning Path Development:** Implement AI-driven platforms that assess individual student progress and learning styles. Develop dynamic learning modules that adapt in real-time based on student performance and feedback, ensuring a personalized experience for each learner. Regularly evaluate the algorithms for bias and implement corrective measures as needed.
- **Innovative Pedagogical Strategies:** Facilitate professional development workshops for educators to explore and experiment with AI tools that transform traditional teaching methods. Encourage collaboration among educators, students, and tech developers to create flexible curriculum designs that leverage AI for enhanced engagement and learning outcomes.
- **Research Enhancement through AI:** Establish partnerships between educational institutions and AI research developers to create resource-sharing programs that enhance data analysis capabilities in educational research. Foster interdisciplinary research initiatives that utilize AI to derive insights from wide-ranging datasets within education.
- **Bridging the Digital Divide:** Launch community outreach programs aimed at improving digital literacy, particularly for women and marginalized groups. Collaborate with technology providers to facilitate broader access to educational technologies and ensure that datasets used in educational settings reflect the diversity of the population.
- **Capacity Building Initiatives:** Create and implement capacity-building workshops that empower educators, administrators, and students to effectively utilize AI in education. Focus on integrating AI knowledge across all levels of the educational ecosystem and ensure that resources are available for continuous learning and adaptation.
- **Ethical Governance Framework:** Form a multi-stakeholder task force to develop and enforce ethical guidelines for AI utilization in education. This should include regular assessments of AI tools for bias and inclusivity and establish forums for ongoing dialogue about sustainability and ethical practices in educational technology.
- **Promoting Female Empowerment:** Design transformative initiatives targeting girls and women in education, including mentorship programs, scholarships for women in tech fields, and accessible digital literacy programs. Collaborate with NGOs and community organizations to create supportive networks that foster gender equality in the digitalization of education.

#### Innovative Solutions:

- The [Global Student Forum](#) proposed inviting students to high-level debates to share their perspectives and insights on the role of AI in education.
- Noteworthy initiatives by [UNESCO IESALC](#) include efforts to address GBV and campus safety through policy development and data collection reports.
- The [ITU](#) emphasized the Giga initiative, which seeks to connect every school to the internet and offers a model for tackling connectivity challenges.
- Additionally, projects like UNESCO IESALC, 's Young People on Transforming Education Project encourage intergenerational engagement in the digital transformation of education, promoting collaboration and shared learning.

## Enhanced Knowledge and Skills

- **Deeper Understanding of AI Implications:** Participants explored the impact of AI on education and higher education, focusing on its role in transforming teaching, learning, and research.
- **Dynamic and Interactive Discussions:** Engaged in collaborative dialogues with peers and experts from diverse stakeholder groups, enhancing cross-sector collaboration and facilitating knowledge exchange.
- **Development of Recommendations:** Collaboratively created strategies and recommendations for Member States to effectively leverage AI in education and higher education to advance the Sustainable Development Goals (SDGs).
- **Informed Decision-Making:** Contributed to informed policy development through insights gained during discussions and collaborative activities.
- **Actionable Insights and Practical Tools:** Participants left with tools and strategies aimed at fostering innovation and driving transformative change in their countries' education systems.

## Expanded Network and Collaboration

- **Diverse Stakeholder Engagement:** The workshop brought together a wide range of stakeholders, including policymakers, educators, researchers, and industry experts. This diversity promoted cross-sector dialogue, enabling participants to share their unique insights and experiences.
- **Co-Creation of Knowledge:** The format encouraged active participation and collaboration through the case scenario workshop, where stakeholders worked together to design solutions. This collaborative process not only strengthens relationships among participants but also leads to the development of innovative approaches and best practices that can be implemented at local or national levels.
- **Access to Experts and Resources:** Participants benefited from the expertise of various presenters and facilitators. Engaging directly with these experts fosters opportunities for future collaboration, such as joint research initiatives, pilot programs, and the sharing of resources.
- **Focus on Common Goals:** As all participants were gathered with a shared interest in addressing the Sustainable Development Goals (SDGs) through AI in education, the training provides a platform for aligning goals and objectives. Such alignment facilitates collaborative efforts toward achieving these goals, leading to impactful partnerships.
- **Creation of Collaborative Frameworks:** The identification of common challenges and the co-creation of recommendations during the workshop set the groundwork for collaborative frameworks. These frameworks can guide participants in the future in forming strategic partnerships aimed at implementing AI solutions in education.

- **Networking Beyond the Event:** The interactive nature of the training encourages participants to exchange contact information and connect via professional networks, enabling sustained conversations and collaborations long after the event.
- **Promoting Inclusivity and Leadership:** By emphasizing themes such as social inclusion, female leadership, and youth participation, the training focused on equitable practices and fostered collaboration among stakeholders committed to promoting diverse perspectives and equitable access in education.

## Resources

- [Reimagining our futures together: a new social contract for education](#) by UNESCO
- [Futures of Higher Education](#) by UNESCO IESALC
- [Ethics of Artificial Intelligence](#) by UNESCO
- [Preliminary study on the Ethics of Artificial Intelligence](#) by the World Commission on the Ethics of Scientific Knowledge and Technology
- Capacity Building OER Platform [Campus IESALC](#) by UNESCO IESALC
- [Digital Transformation of Higher Education](#) by UNESCO IESALC
- [ChatGPT and Artificial Intelligence in higher education](#) by UNESCO IESALC
- [Infrastructure Mapping and Analysis for School Connectivity](#) by ITU
- [Digital Progress and Trends Report 2023](#) by the World Bank
- [Women's Leadership in the Digital Era: Agility, Adaptability and Fluency](#) by APEC Policy Partnership on Women and the Economy
- [Young People on Transforming Education](#) by UNESCO IESALC
- [Youth Engagement Toolkit for Future of Education](#) by UNESCO IESALC
- [Guidebook for Student Unions: AI in Education](#) by Global Student Forum
- [GIGA Project](#) by ITU and UNICEF
- [Women's participation in higher education in Southern Africa: an exploration of STEM, leadership and enrolment in institutions in Botswana, Eswatini, Lesotho, Malawi, Mozambique, Namibia, South Africa, Zambia, and Zimbabwe](#) by UNESCO IESALC
- [Supporting women participation in higher education in Eastern Africa: building sustainable and equitable higher education systems in Kenya, South Sudan and Uganda](#) by UNESCO IESALC
- [Women in higher education: has the female advantage put an end to gender inequalities?](#) by UNESCO IESALC

## Contact

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