



# Kotebe University of Education

3rd International Research Conference

Artificial Intelligence (AI) in Education:

Opportunities and challenges for the Global South

## Conference Schedule

Day 1: February 27, 2025  
Morning Session  
(Main Hall)

**Master of Ceremony:  
Etenesh Tesfa**

8:30 AM - 9:00 AM

- Registration
- By Research and Publication Directorate

9:00 am -9:15 am

- Welcoming Address
- By Hon. Dr. Berhanemeskel Tena, President of KUE
- Moderator: Dr. Kidist Yohannes, VPRTT
- Rapporteur: Dr. Yoseph Tizazu

9:15 am -9:30 am

- Opening speech
- By H.E. Mr. Kora Tushune, State Minister, MoE
- Moderator: Hon. Dr. Berhanemeskel Tena, President of KUE
- Rapporteur: Dr. Yoseph Tizazu

9:30 am -9:45 am

- Keynote Speech 1
- By H.E. Dr. Baysa Bedada , State Minister of the MInT
- Moderator: MC
- Rapporteur: Dr. Yoseph Tizazu

9:45am - 10:00am

- Keynote Speech 2
- By Ambassador H.E. Mrs. Sofie From-Emmesberger, Head of EU Delegation to Ethiopia
- Moderator: MC
- Rapporteur: Dr. Yoseph Tizazu

10:00am - 10:15am

- Keynote Speech 3: AI and its Benefits in Education
- By Dr. Taye Girma, Deputy Director General, Ethiopian AI Institute
- Moderator: MC
- Rapporteur: Dr. Yoseph Tizazu

10:15am - 10:30am

- Keynote Speech 4: Leveraging AI for Education, Research, and Administration in Ethiopian Higher Education: Promoting Ethical Use
- By Dr. Zelalem Assefa, ICT and Digital Education Executive, MoE
- Moderator: MC
- Rapporteur: Dr. Yoseph Tizazu

### Health Break

11:10 am- 12:30pm

### Panel Discussion

- Dr. Mulugeta Adbaru -AI and educational leadership
- Dr. Muluneh Atinaf -The role of AI for access, equity and quality of education
- Dr. Solomon Atanfu-Ethical implication of AI in education
- Dr. Kuribachew Gizaw- AI literacy for teachers and students
- Dr. Margareth Gfrerer- AI for Student- Centered Learning and Personalization

12:30 pm -1:30 pm

Lunch Break

# Day 1: February 27, 2025

## Afternoon

### Presentation – Parallel Sessions

#### Theme 1: Ethical implications of AI in education Venue: Main Hall

2:00 pm-2:20pm

Demystifying Lesotho, Rwandan and Nigerian educators' viewpoints on smart technologies supporting AI in higher education

**Presenter:-** Dr. Adedayo Olayinka

**Moderator:-** Dr. Rukya Hassen

**Rapporteur:-** Dr. Berhanu Endeshaw

2:20 pm-2:40pm

Ethical Implications of AI in Education: Challenges and Opportunities

**Presenter:-** Dr. Yosef Kassa

**Moderator:-** Dr. Rukya Hassen

**Rapporteur:-** Dr. Berhanu Endeshaw

#### Theme 2: AI and its policy implication Venue: Syndicate Room-1

2:00 pm-2:20pm

Exploring Evidence-Based Adoption and Integration of Artificial Intelligence for Pedagogy, Policy and Practice in Transforming University Education in Africa

**Presenter:-** Dr. Benjamin Muindi

**Moderator:-** Tsehay Tefera

**Rapporteur:-** Seid Habtamu

2:20 pm-2:40pm

Leveraging Artificial Intelligence for Enhanced Educational Access, Quality, and Equity

**Presenter:-** Wondwosen Dejene

**Moderator:-** Tsehay Tefera

**Rapporteur:-** Seid Habtamu

#### Theme 3: Technology in enhancing educational practices Venue: Syndicate Room-2

2:00 pm-2:20pm

The Prospect of Education with Personalized Knowledge and Artificial Intelligence

**Presenter:-** Dr. Koppula Victor

**Moderator:-** Dr. Banchiamlak

**Rapporteur:-** Hailegnaw

2:20 pm-2:40pm

Simulation-Integrated Contextual Learning to Increase Engagement in Chemistry

**Presenter:-** Minale Demelash

**Moderator:-** Dr. Banchiamlak

**Rapporteur:-** Hailegnaw

2:20 pm-2:40pm Discussion

#### 3:30pm -3:50pm Health Break

3:50pm -4:10pm

“Reminders of the Mind?": A Philosophical Commentary on Ethics of AI on Education, Cognitive Justice and Epistemic Tranquility

**Presenter:-** Eyasu Berento

**Moderator:-** Dr. Almaz Debru

**Rapporteur:-** Dr. Berhanu Endeshaw

4:10pm -4:30pm

Effects of Web 2.0-Based Collaborative Writing on Students' Essay Writing Performance and Motivation: A quantitative methods study

**Presenter:-** Tseganesh Anbesie

**Moderator:-** Dr. Almaz Debru

**Rapporteur:-** Dr. Berhanu Endeshaw

3:50pm -4:10pm

“The Role of Artificial Intelligence in Shaping Human Interaction and Cognitive Function

**Presenter:-** Prof. Abba Hailegebriel

**Moderator:-** Genet Abebe

**Rapporteur:-** Seid Habtamu

4:10pm -4:30pm

“Effect of Virtual Experiments Compared to Physical Experiments on Students' Conceptual Understanding of Chemical Kinetics Concepts

**Presenter:-** Dr. Tadesse Hunegnaw

**Moderator:-** Genet Abebe

**Rapporteur:-** Seid Habtamu

3:50pm -4:10pm

“Leveraging AI and LLMs for Personalized Learning Pathways and Teaching Practices in Multilingual, Low-Resource Classrooms

**Presenter:-** Tewodros Seble

**Moderator:-** Dr. Mistre Tefera

**Rapporteur:-** Hailegnaw

4:10pm -4:30pm

Artificial Intelligence (AI) in Research Management and Science Diplomacy: Trends and Opportunities

**Presenter:-** Dr. Habtamu Abera

**Moderator:-** Dr. Mistre Tefera

**Rapporteur:-** Hailegnaw

End of Day 1

# Day 2: February 28, 2025

## Morning

### Morning Session (Main Hall)

8:30 AM - 8:50 AM

- Registration
- Research and Publication Directorate

8:50am -9:05am

- Recapping
- By Dr. Almaz Wassie

9:05am -9:20am

- Keynote Speech 1 Embracing AI in Higher Education.: Managing the Opportunities and Challenges
- Prof. Belete Kebede, Academic Dean and Professor at BGU, USA
- Moderator : MC
- Rapporteur: Dr.Teferi Kumsa

9:20 am-9:35am

- Keynote Speech 2 AI in Education in the Global South: Promise, Pitfalls, Actors, and Networks
- By Dr. Abdoulaye SALIFOU, Chief Education Sector, Specialist Higher Education, AI & ICTs, UNESCO Liaison Office to AU & ECA
- Moderator : MC
- Rapporteur: Dr.Teferi Kumsa

9:45am - 10:00am

- Keynote Speech 3 AI for Ethiopian Educators
- By Prof. Nega is from USA
- Moderator: MC
- Rapporteur: Dr.Teferi Kumsa

9:50am-10:05 am

- Keynote Speech 4 Generative AI in Education: Risks and Pitfalls to Keep an Eye On"
- By Dr. Birhanu Eshete, Associate Professor of Computer Science at the University of Michigan-Dearborn, USA
- Moderator: MC
- Rapporteur: Dr.Teferi Kumsa

**10:05am-11:00am Discussion**

**11:00am -11:20am Health Break**



# Day 2: February 28, 2025 Afternoon

## Presentation – Parallel Sessions

**Theme 1: AI in enhancing educational access, quality, and equity education**  
**Venue: Main Hall**

11:20am -11:35 am

**Leveraging AI in African Higher Education**

**Presenter:-** George S. Oreku  
**Moderator:-** Mignot Getachew  
**Rapporteur:-** Asnake Gudisa

11:35am-11:50am

**Simulation-Integrated Contextual Learning to Increase Engagement in Chemistry**

**Presenter:-** Minale Demelash  
**Moderator:-** Mignot Getachew  
**Rapporteur:-** Asnake Gudisa

11:50am-12:05pm

**Artificial Intelligence in Education: Prospects and Challenges for Developing Nations**

**Presenter:-** Habtamu Anagaw  
**Moderator:-** Mignot Getachew  
**Rapporteur:-** Asnake Gudisa

11:50am-12:05pm

**Exploring Teacher Educators' Attitude and Concerns on the Use of AI in Education: A Focus at Jimma University**

**Presenter:-** Haleko Addisu  
**Moderator:-** Mignot Getachew  
**Rapporteur:-** Asnake Gudisa

**Theme 2: AI for student-centered learning and personalization Other cross-cutting issues**  
**Venue: Syndicate Room-1**

11:20am -11:35 am

**Afrocentric Datasets in AI Education: Bridging Gaps and Cultivating Inclusivity in the Global South**

**Presenter:-** Justice Mukaro  
**Moderator:-** Meseret Habtamu  
**Rapporteur:-** Dr. Girma Belachew

11:20am -11:35 am

**Addressing Bottlenecks to use generative AI for Assessment in Ethiopian Higher Education: Reconciling Perspectives from Top-down and Bottom-up**

**Presenter:-** Mulugeta Woldemichael  
**Moderator:-** Meseret Habtamu  
**Rapporteur:-** Dr. Girma Belachew

11:20am -11:35 am

**Technology-Enabled Learning: Advancing Personalized Education for Diverse Learners in the Global South**

**Presenter:-** Asrat Dereb  
**Moderator:-** Meseret Habtamu  
**Rapporteur:-** Dr. Girma Belachew

11:20am -11:35 am

**A Teaching Machine – A Learning Man: Exploring the Metaphysical and Ethical Aspects of Artificial Intelligence (AI) Integrated Education**

**Presenter:-** Friezer Berhanu  
**Moderator:-** Meseret Habtamu  
**Rapporteur:-** Dr. Girma Belachew

**Theme 3: AI in enhancing educational access, quality, and equity**  
**Venue: Syndicate Room-2**

11:20am -11:35 am

**Artificial Intelligence on Education access, quality and equity**

**Presenter:-** Dr. Hillary Shikokoti  
**Moderator:-** Tarik Assaye  
**Rapporteur:-** Dr. Adugna Bersisa

11:35am-11:50am

**Challenges and Opportunities of AI in Student Centered Learning: A Meta-Analytic Study to Draw Lessons and Best Practices for Student centered learning in Ethiopia**

**Presenter:-** Dr. Sileshi Tamene  
**Moderator:-** Tarik Assaye  
**Rapporteur:-** Dr. Adugna Bersisa

11:50am-12:05pm

**Effects of Jigsaw Learning Strategy Integrated with Computer Simulations on Gender Differences in Students' Achievement and Attitude in Learning Chemistry**

**Presenter:-** Shimelis Kebede  
**Moderator:-** Tarik Assaye  
**Rapporteur:-** Dr. Adugna Bersisa

12:05pm-12:20pm

**Use of Artificial Intelligence-Generated Content among University Students in Kenyan Universities**

**Presenter:-** Esther Mwangi  
**Moderator:-** Tarik Assaye  
**Rapporteur:-** Dr. Adugna Bersisa

12:20 pm-12:50 pm Discussion

12:50pm-2:00pm Launch Break

2:00 pm-2:20pm

**AI and Teacher Training: Insights from AI-Powered Professional Development on Moodle**

**Presenter:-** Dr. Nellie Deutch  
**Moderator:-** MC  
**Rapporteur:-** Dr. Almaz Wasse, Dr. Mulugeta Adbaru and Samuel Alemu

2:30 pm -2:50 pm

**Conference report**

By Dr. Mulugeta Adbaru  
**Moderator:-** MC  
**Rapporteur:-** Melkamu Yazachew

2:50 pm – 3:05 pm

**Certificate Award Ceremony**

By Guest of Honer  
**Moderator:-** MC  
**Rapporteur:-** Melkamu Yazachew

3:05pm-3:15pm

**Feedback**

By Participants  
**Moderator:-** MC  
**Rapporteur:-** Melkamu Yazachew

3:15pm-3:30 pm

**Closing Remark**

By Hon. Dr. Berehanemeskel Tena, KUE president  
**Moderator:-** Dr. Kidist Yohannes VPRTT/ Dr. Ephrem Tekle  
**Rapporteur:-** Melkamu Yazachew

2:30 pm -2:50 pm  
End of the Conference