

CONFERENCE HANDBOOK

INTERNATIONAL CONFERENCE ON ARTIFICIAL INTELLIGENCE AND EDUCATION

VENUE: Lemigo Hotel, Kigali, Rwanda

DATE: December 8 – December 12, 2025

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Welcome Address (ICAIED 2025)

Distinguished Guests, Honourable Minister of ICT, Chairman, Board of Promoters, University of Kigali, Chairman, Governing Body, University of Kigali, Director General of HEC, VC of University of Kigali, VCs of Universities present, Keynote Speakers, Government Representatives, Panellists, Delegates, Colleagues and Friends,

It is with great pleasure that I welcome you to the International Conference on Artificial Intelligence and Education (ICAIED 2025). We are honoured to host distinguished guests and delegates from universities, government ministries, industry, civil society and development organisations who share a common interest in advancing the future of education on our continent.

Across Africa, Artificial Intelligence is no longer an abstract concept. It is shaping classrooms in Kigali, Nairobi, Lagos, Accra, Johannesburg and beyond. Students are increasingly using AI-powered writing tools, translation apps, learning platforms and automated assessments. Ministries of Education in several African countries are piloting AI-enabled early warning systems to detect learners who may be at risk of dropping out, helping teachers intervene before a student is lost to the system. These developments reflect the African Union's vision, articulated in Agenda 2063 and the Digital Transformation Strategy for Africa, for a digitally skilled and innovation-driven generation.

Yet as we embrace these opportunities, we must also recognise the realities that define our education ecosystem. Many schools still confront teacher shortages, over-enrolment, connectivity gaps and deep inequalities between urban and rural communities. At the same time, complex questions about data privacy, algorithmic bias, digital sovereignty and ethics demand urgent attention. As African nations develop AI strategies and EdTech frameworks, we must ensure that innovation strengthens, and does not undermine, our institutions, cultures and values.

This is the purpose of ICAIED 2025.

This Conference is not merely a showcase of technological advancement. It is a space for honest reflection, rigorous debate and collaborative problem-solving. Over the next few days, our discussions will explore not only what AI can do, but what AI should do for African learners, teachers and societies.

You will hear from:

- **Researchers** building adaptive learning models for multilingual African classrooms
- **Teacher educators** integrating responsible AI use into pre-service and in-service training
- **Policymakers** designing national AI and digital transformation strategies aligned to African priorities

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- **Private-sector and civil-society partners** investing in digital literacy and inclusion
- **Youth innovators** crafting the next generation of African-led AI solutions

I therefore encourage you, to engage deeply, ask challenging questions, share your expertise generously and build new partnerships. Often, the most transformative ideas emerge not only in formal sessions but also in conversations over tea breaks, in corridor reflections and through exchanges between senior scholars and early-career researchers.

Thank you for the work you do every day to strengthen our education systems, and thank you for choosing to be here. Your presence affirms our shared commitment to building an Africa where AI supports quality teaching, inclusive learning and meaningful human development.

I wish you a stimulating, insightful and inspiring conference. Thank you.

Warm regards,

Prof. Ogechi Adeola

Chair, ICAIED 2025

Deputy Vice Chancellor (Research, Innovation & Enterprise)

University of Kigali

About ICAIED 2025

Conference Overview (ICAIED 2025 – Hosted by the University of Kigali, Rwanda)

The International Conference on Artificial Intelligence in Education and Development (ICAIED 2025), proudly hosted by the **University of Kigali, Rwanda**, brings together educators, researchers, policymakers, civil society, industry partners, and students to reflect on how artificial intelligence is transforming teaching, learning, and governance particularly within African education systems, where challenges are complex and opportunities are immense.

Holding ICAIED 2025 in Rwanda, and specifically at the University of Kigali, is significant. Rwanda is globally recognised for its commitment to **digital transformation, inclusive education, and evidence-driven policy**, and the University of Kigali remains one of the institutions at the forefront of nurturing the next generation of innovators, researchers, and policymakers who will shape Africa's AI future.

Across the continent, governments are experimenting with AI-enabled tools to strengthen basic education, improve learning outcomes, and bridge long-standing inequalities. At the same time, schools and universities are grappling with questions about teacher readiness, infrastructure, digital sovereignty, and the ethical implications of AI in everyday learning. ICAIED 2025 offers a platform to examine these realities honestly, drawing on evidence and experiences from across the **East African Community (EAC), ECOWAS, SADC, COMESA**, and national strategies aligned with the **African Union's Digital Transformation Strategy (2020–2030)** and **Agenda 2063**.

This year's conference is organised around five thematic areas that capture both the promise and the complexity of AI in Africa's educational landscape.

1. AI for Teaching and Learning

This track explores how AI-based tools can support teaching and deepen learning in African classrooms. Presenters examine adaptive learning platforms, intelligent tutoring systems, automated feedback tools, and AI-supported content development.

Case studies from Rwanda, Kenya, Nigeria, and South Africa demonstrate how AI-based mathematics tutors and literacy platforms have improved learning outcomes in classrooms with high teacher-to-student ratios.

Other papers explore how generative AI can enhance academic writing not as a shortcut, but as a scaffold for drafting, revision, and feedback, particularly for students learning in a second or third language.

2. Equity, Inclusion, and the Digital Divide

AI has the potential to personalise learning at scale, but it can also deepen existing inequalities if issues of access, language, and cultural relevance are ignored. This track examines what inclusive AI looks like in African settings.

Presentations highlight innovations such as low-bandwidth AI tools adapted for rural schools, multilingual chatbots supporting students who speak Kinyarwanda, Kiswahili, Yoruba, Hausa, Igbo or Luganda, and community-led initiatives building digital literacy among girls and first-generation learners. One study discusses how a lightweight Kiswahili chatbot improved university students' ability to navigate registration and financial aid, a reminder of the importance of local language technology development.

3. Ethics, Governance, and Policy

Sessions in this theme engage with the governance frameworks needed to support safe, ethical, and transparent AI use in African education systems. Topics range from data protection and algorithmic transparency to digital rights and public accountability.

Several authors present examples where opaque predictive models misclassified students and led to inappropriate placement or resource allocation. In response, new models of participatory AI governance are proposed, ones that involve teachers, students, parents, and communities. Comparative analyses of national AI strategies show how countries across Africa, Asia, and Latin America are balancing innovation with sovereignty, regulation, and equity.

4. Teacher Professional Development and Capacity Building

Teachers are central to any meaningful AI integration. This track emphasises models that empower educators not just as users of AI, but as **co-designers, critical evaluators, and leaders** in digital innovation.

Papers highlight professional learning communities in which teachers experiment with AI-supported lesson planning, assess AI-generated content for bias, and co-create guidelines for responsible AI use. Several initiatives from Rwanda, Ghana, and Tanzania demonstrate how teacher training institutes are embedding AI literacy into pre-service and in-service education, an area where the University of Kigali continues to contribute through research, training, and partnerships.

5. Student and Youth Perspectives

Young people across Africa are early adopters of AI tools and active contributors to the digital innovation ecosystem. This track showcases youth-led projects, prototypes, and digital literacy initiatives.

Examples include AI-powered agricultural advisory platforms developed by vocational students, peer-led workshops that demystify generative AI, and campus innovation hubs where students design AI solutions to address local challenges, from climate resilience to mental health support. The University of Kigali's own student innovation ecosystem stands as a powerful example of what is possible when youth are positioned as creators rather than passive consumers of technology.

Our Shared Purpose

Across plenaries, parallel sessions, workshops, and panel discussions, ICAIED 2025 seeks to:

- **Expand empirical evidence** on what works, what does not, and what remains uncertain in AI applications for education and development.
- **Strengthen cross-sector collaboration** among universities, schools, NGOs, EdTech innovators, government agencies, and regional organisations.
- **Amplify voices of teachers, students, and communities** who are often “designed for” but rarely engaged in decision-making.
- **Advance Africa-led conversations** on AI governance, digital sovereignty, and equitable innovation aligned with AU frameworks and regional priorities.

ICAIED is not only a platform for presenting research, it is a collaborative space where we collectively imagine and shape how AI can support **human flourishing, system transformation, and educational justice** across Africa. Hosting this conversation at the **University of Kigali** affirms Rwanda's continued leadership and commitment to building a future in which AI strengthens education systems and expands opportunities for all learners.

About University of Kigali

The University of Kigali (UoK) is one of Rwanda's premier private institutions of higher learning, renowned for academic excellence, innovation, and a strong commitment to producing globally competitive graduates. Established in October 2013 after receiving its definitive operating license, UoK is fully accredited and chartered by the Government of the Republic of Rwanda.

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From a humble beginning with just 35 students, the University has grown into a vibrant academic community of over 9,000 learners as of December 2025, representing more than 35 countries across Africa, Asia, and Europe. This incredible diversity demonstrates our dedication to internationalisation and delivering world-class education.

UoK operates across three campuses:

1. Kigali Main Campus – Prestine House, Gasabo District, near Kigali Heights, just 3 km from the city centre
2. Musanze Campus – Located in the prestigious RSSB Building, Northern Province
3. Remera Campus – The newly opened modern campus, home to the School of Business and innovation-driven learning spaces

Our growth is anchored in a clear institutional vision, an ambitious strategic plan, strong local and international partnerships, market-aligned academic programmes, and a distinguished faculty drawn from Rwanda, the region, and across the globe. To date, the University of Kigali has successfully graduated over 10,000 professionals who are now contributing to national, regional, and global development in diverse sectors.

The University of Kigali's distinct strength lies in being a secular, locally founded institution built on a clear vision to provide first-class, market-driven and industry-relevant academic programmes. Established by a team of highly experienced promoters from diverse professional backgrounds, including finance, economics, urban planning, international development, government, business, and investment. UoK was created to meet Rwanda's evolving workforce needs and global competitiveness goals.

The University is led by a team of skilled academic and administrative professionals who uphold the highest standards of quality. UoK exceeds national higher education requirements, with 35.7% of its faculty holding PhDs, and maintains a 60:40 academic-to-non-academic staff ratio, underscoring its strong commitment to academic excellence.

The University of Kigali maintains strategic partnerships with reputable institutions across Kenya, Ghana, India, South Africa, Cyprus, Germany, Italy, Canada, the UK, Poland, and others. Through international exchange programmes, including Erasmus and Erasmus+, students gain global exposure, enhance employability, experience diverse teaching methods, and build valuable international networks.

Since its inception, UoK has been dedicated to producing graduates who meet the dynamic demands of local, regional, and global labour markets. The University contributes to national

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development by delivering skilled professionals through a wide range of undergraduate, graduate, and professional programmes offered across its six schools: the School of Business Management and Economics, School of Computing and Information Technology, School of Education, School of Law, School of Professional and Executive Programmes, and the Graduate School.

Organizing Committee -(ICAIED) 2025

- **Prof Ogechi Adeola** - Conference Chair
- **Dr Luqman Afolabi** - Conference Coordinator
- **Mr. Bernadine Bukomeko** - Budgeting and logistics
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- **Dr. Jean Baptiste Ndagijimana** – Member
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- **Dr. Ali Adamu**, Chairman, Committee of Provosts
- **Comrade Nuhu Ogirima**, Former COEASU President
- **Comrade Muhammed Auwal Ibrahim**, Former COEASU President

Biodata



Prof Ogechi Adeola – Conference Chair

Prof Ogechi Adeola is the Deputy Vice-Chancellor (Research, Innovation & Enterprise) at the University of Kigali and one of Africa's leading scholars in marketing, digital transformation, and education innovation. Ranked among the **World's Top 2% Scientists (Stanford-Elsevier 2025 List)**, she has over 135 publications and extensive experience advancing Africa's research, policy, and capacity-building ecosystems. She also consults widely for international organisations and leads several continental academic and development initiatives.

Conference Coordinator – ICAIED 2025

Senior Lecturer, Graduate School, University of Kigali



Dr. Luqman Afolabi is a distinguished economist and policy strategist with over a decade of experience shaping Africa's trade and development agenda. Holding a Ph.D. in International Economics and Development, he has authored 30+ peer-reviewed publications on trade policy, regional integration, and sustainable growth. As Senior Lecturer at the University of Kigali's Graduate School, he combines academic rigor with practical insights, mentoring future leaders in economics and digital transformation. His career spans high-impact roles with the United Nations, African Capacity Building Foundation, and leading think tanks, where he has driven research on AfCFTA implementation, macroeconomic policy, and 4IR-ready workforce development. A recipient of the University of Kigali's Best Research Award (2022), Dr. Afolabi is passionate about leveraging Artificial Intelligence to unlock Africa's digital economy. At ICAIED 2025, he champions dialogue on AI, education, and inclusive trade, positioning Africa at the forefront of global innovation.

Biodata of Members:



Professor Abdulrazaq Olayinka Oniye is a renowned scholar of Educational Guidance and Counselling with expertise in Marriage, Sex and Family Counselling. He holds degrees in Islamic Studies Education and advanced qualifications (M.Ed., Ph.D.) in Guidance and Counselling. With an academic career spanning the Kwara State College of Education and the University of Ilorin, he has served as Sub-Dean, Acting Director of the Counselling Centre, and member of Senate. Currently Dean of the Graduate School at the University of Kigali, he is widely published, highly cited, and actively engaged in mentorship, institutional development, and professional service across Africa.

His publications could be accessed on his official Google Scholar link <https://scholar.google.com/citations?user=Ch1qtG4AAAAJ&hl=en>

<https://abdulrazaqolayinkaoniye.academia.edu/research#papers>



Jean-Baptiste NDAGIJIMANA holds a PhD in Educational Sciences from the University of Bouake, called Université Alassane Ouattara (Public University of Côte d'Ivoire). He has over 19 years of experience as an academician at various universities in Rwanda and Burundi. He is a Senior Lecturer in Education Sciences at the University of Kigali. He has served in multiple academic leadership roles, including Head of Department and Dean of the School of Education. At the national level, he was the register of program evaluator, institutional auditor, and subject reviewer for the Higher Education Council, regularly contributing to the evaluation and accreditation of educational programs. His research interests and publications include teaching and learning, STEM education, teachers' motivation, educational psychology, Educational Leadership, and ICT in education. Recently, he has been focused on exploring how genocide studies can be integrated into Rwandan secondary schools.

His publications could be accessed on his official Google Scholar link: [Jean Baptiste Ndagijimana, PhD - Google Scholar](#)

Jean Baptiste Ndagijimana can be contacted at email: jndagijimana@uok.ac.rw



Dr. Emmanuel Bugingo is a university lecturer and researcher with a Doctorate of Engineering in Computer Science, specializing in programming, intelligent systems, and technology innovation. He teaches at the University of Kigali and the University of Rwanda, offering courses in Java, Python, software engineering, artificial intelligence, databases, data structures, and system design, while supervising research and mentoring emerging developers. His research spans AI in academic processes, workflow scheduling, IoT for agriculture, cybersecurity, and automation of data-driven systems. With industry experience in software development, computer vision, and IT systems management in Rwanda and China, he integrates academic and practical insights. He also delivers capacity-building training that supports digital transformation and institutional development. His work and projects can be accessed through his [GitHub](#) and LinkedIn profiles, [ORCID](#), and [Google Scholar](#).



Dr. Thomas K. Tarus is a distinguished finance academic known for his expertise in corporate governance, ownership structures, and risk management. He holds a Master's degree in Finance and a PhD in Finance qualifications that have significantly shaped his scholarly and professional work. He currently serves as a lecturer at the University of Kigali, contributing actively to teaching, research, and academic development. Dr. Tarus has authored numerous publications in the field and remains strongly engaged in mentorship, institutional capacity building, and professional service demonstrating his commitment to advancing financial knowledge and practice across the region. His publications could be accessed on his official Google Scholar link <https://scholar.google.com/citations?user=AKlxfdwAAAAJ&hl=en>



Dr. Ruth Odengo is a Kenyan educator with a doctorate degree in Business Administration with specialty in Human Resource Management from Kenyatta University in Kenya. She is currently the Associate Dean of the Graduate School at University of Kigali, Rwanda. Ruth has 18 years experience in human resource management, administration and business development having worked with various multinational organizations in Kenya and China. Dr. Ruth is also a researcher and examiner with Human Resource Professionals Examination

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Board, Kenya (HRMPEB). She is a full member of the Institute of Human Resource Management, Kenya. Dr. Ruth has various publications in referenced journals as summarized in the table below. Please visit the following link for a full list of research outputs: [Ruth Odengo - Google Scholar](#)

Keynote Speaker Profile - Rwanda

Dr. Edward Kadozi, Director-General, Higher Education Council (HEC), Rwanda



Dr. Edward KADOZI is an Economist with over 18 years of experience in policy and academia. He has worked in the areas of economic policy analysis, capacity development, private sector development, employment, financial inclusion, trade, migration and development in Africa and the regulation of Higher Education. His research interests focus on the economics of migration in Africa, institutional economics, poverty, trade, energy, environmental economics, financial sector development, and employment. He holds a PhD in Economics (Political Economy of Development) from the University of Amsterdam, in the Netherlands, a Master's degree in Public Policy from Tsinghua University, China, and a Bachelor's degree in

Economics from the University of Rwanda. Edward is the Director General of the Higher Education Council in Rwanda.

Keynote Speaker Profile - Nigeria



Professor Paulinus Chijioke Okwelle, MNAE, FABEN

Executive Secretary, National Commission for Colleges of Education (NCCE), Abuja, Nigeria

Professor Okwelle is a distinguished scholar of Industrial Technology Education and a visionary administrator currently leading the reform of teacher education in Nigeria. As the Executive Secretary of the NCCE, he has championed the "Dual Mandate" policy, granting

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Colleges of Education the autonomy to award Bachelor's degrees, and has spearheaded the digital transformation of the Commission's operations, as well as the deployment of **technology-enhanced methods for instructional delivery in Colleges of Education in Nigeria**. An alumnus of Rivers State University, **University of Nigeria, Nsukka** and Nnamdi Azikiwe University, he holds a Ph.D. in Technical Education. He is a Member of the Nigerian Academy of Education (MNAE) and a Fellow of the Association of Business Educators of Nigeria (FABEN). His leadership has been recognized with the 2025 South-South Pillar of Education Award

Keynote Speech

Title: *Artificial Intelligence's Impact on Teacher Education, TVET, Policy Frameworks, and Workforce Readiness in Africa: An Integrated Analysis*

Speaker: *Professor Paulinus Chijioke Okwelle, MNAE, FABEN*

Protocol:

Minister of ICT, Rwanda

The Board of Promoters, University of Kigali-Rwanda

The Vice-Chancellor of the University of Kigali,

The President of the Colleges of Education Academic Staff Union (COEASU), Dr. Ahmed Bazza Lawan,

Distinguished Scholars and Researchers,

UN Representatives, Ambassadors and other key stakeholders,

Ladies and Gentlemen.

Introduction

It is a profound honour to stand before you today in the vibrant city of Kigali, the "Land of a Thousand Hills" and a beacon of digital innovation in Africa. We gather here at the Lemigo Hotel, not merely as academics, but as architects of the future. The theme of this conference, *"AI and Emerging Issues: Implications for Teacher Education Delivery in Africa,"* challenges us to confront the most significant technological disruption of our time (University of Kigali, 2025).

Education has always been the bedrock of national development. As Singh-Gopal (2015) posited, education systems must evolve to equip learners with the values and skills necessary to function as responsible global citizens. However, we are no longer just "evolving"; we are being revolutionised.

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The Fourth Industrial Revolution is not coming; it is here. Artificial Intelligence (AI) is fundamentally reshaping how we live, work, and learn (Aboderin, 2025).

Africa stands at a demographic precipice. With over 60% of our population under the age of 25, we possess the world's largest reserve of youthful human capital (African Union, 2020). The central question I pose to you this morning is this: **Will this youth bulge become a dividend that powers a global economic renaissance, or a destabilising force of unemployable labour?** The answer lies in our ability to integrate AI into Teacher Education, Technical and Vocational Education and Training (TVET), Policy Frameworks, and Workforce Readiness.

The Imperative of Teacher Education Transformation

The quality of any education system cannot exceed the quality of its teachers. If we intend to produce an AI-ready workforce, we must first produce AI-literate teachers.

For too long, our teacher training programs have focused on basic computer literacy teaching educators how to use a word processor. That era is over. We must now pivot to **AI Literacy**. This does not mean every teacher must be a coder. Rather, as Holmes et al. (2019) suggest, it means teachers must understand how to collaborate with AI using intelligent tutoring systems to personalize instruction and predictive analytics to identify at-risk students before they drop out.

In Nigeria, under the auspices of the National Commission for Colleges of Education (NCCE), we have begun this journey. We are currently undertaking a comprehensive review of the Nigeria Certificate in Education (NCE) curriculum to align it with these global realities (Akon, 2025). Furthermore, the recent operationalization of the "Dual Mandate," which allows our Colleges of Education to award Bachelor's degrees concurrently with the NCE, provides the institutional autonomy necessary to implement these advanced curricula rapidly (The Nigeria Education News, 2025).

TVET: The Engine of Employability

While teacher education builds the foundation, TVET builds the structure of our economy. In the age of AI, the stigma often associated with vocational training must be dismantled. AI is the great equalizer for TVET.

Consider the challenge of equipment costs. Traditionally, training a welder or a heavy machinery operator required expensive physical workshops. Today, through AI-driven Virtual Reality (VR) and Augmented Reality (AR) simulations, we can train thousands of students in immersive, risk-free environments at a fraction of the cost (Chisom et al., 2023).

Moreover, AI allows us to bridge the skills gap with precision. Instead of revising curricula every five years based on outdated assumptions, AI algorithms can now analyse real-time labour market data to identify the skills employers in Kigali, Lagos, or Nairobi are seeking *today* (Okwelle, 2025). This dynamic responsiveness is the future of African TVET.

Policy Frameworks and Governance

None of these advancements can occur in a vacuum. They require robust, forward-thinking policy frameworks. We must move from high-level declarations to enforceable implementation strategies.

Africa is making strides. The African Union's *Continental Artificial Intelligence Strategy* and the *Digital Education Strategy (2023–2028)* provide a roadmap for ethical and inclusive AI adoption (African Union, 2024). At the national level, countries like Rwanda have set the pace with "Smart Education" policies, while Nigeria's *National Digital Economy Policy and Strategy (NDEPS)* has laid the groundwork for digital governance (World Bank, 2022).

However, a policy is only as good as its enforcement. We must address the "implementation gap" caused by infrastructure deficits. We cannot discuss AI in schools without electricity. At the NCCE, we prioritised 24/7 power supply at our headquarters because we understand that digital infrastructure is the prerequisite for digital transformation (NCCE, 2023).

Benchmarking Global Best Practices

Workforce Readiness and the Human Element

Ultimately, our goal is workforce readiness. But what does "readiness" mean in an era where machines can perform cognitive tasks?

It means that the most valuable skills for our youth will be those that AI cannot easily replicate: critical thinking, emotional intelligence, complex problem-solving, and adaptability (World Economic Forum, 2024). Our education systems must transition from rote memorisation to competency-based learning. We must nurture the "human element" alongside technical proficiency.

Conclusion: A Call to Action

Distinguished colleagues, the integration of AI into African education is not a luxury; it is a survival strategy.

I call upon the policymakers here: Operationalise your strategies. Fund the infrastructure that enables AI.

I call upon the educators: Embrace the change. View AI not as a competitor, but as a co-pilot that frees you to mentor and inspire.

I call upon the industry leaders: Partner with us. Help us design curricula that reflect the reality of the workplace.

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As we deliberate over the next few days, let us be guided by the vision of an Africa where technology is not an imported magic, but a domestic tool for liberation and prosperity.

Thank you, and I wish you a fruitful conference.

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Sub-Themes

Track 1: AI and Education...

Track 2: AI, ICT Innovation and Management...

Track 3: AI, Capacity Building and Governance.

Track 4: AI, Climate Change and Agriculture...

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Monday, Dec 8, 2025

Time	Activity / Session
07:00 – 09:00	Registration and Entertainment
09:00 – 10:30	<p>Official Welcome · Keynote Speakers · Entertainment</p> <p>1. Welcome Address <i>Prof. Ogechi Adeola</i> Deputy Vice-Chancellor (Research, Innovation & Enterprise) Conference Chair, ICAIED 2025</p> <p>2. Remarks: Why the University of Kigali is Hosting ICAIED 2025 <i>Professor George Kimathi</i> Vice-Chancellor, University of Kigali</p> <p>3. Introduction of Promoters - Addresses (Invited to the stage by the Master of Ceremony)</p> <p>a. Address by Mr. Philibert Afrika Chairman, Governing Body, University of Kigali</p>

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	<p>b. Address by Prof. Nshuti Manasseh Chairman, Board of Promoters, University of Kigali</p> <p>4. Opening Speech & Official Declaration of Conference Opening <i>Hon. Paula Ingabire, Minister of ICT & Innovation, Republic of Rwanda</i></p> <p>5. Entertainment Performance (Cultural or artistic segment)</p> <p>6. Keynote Address – Rwanda <i>Dr. Edward Kadozi, Director General, Higher Education Council (HEC), Rwanda</i></p>
10:30 – 11:00	Tea Break and Networking
11:00 – 12:00	<p>7. Keynote Address – Nigeria Professor Paulinus Chijioke Okwelle, MNAE, FABEN, Executive Secretary, National Commission for Colleges of Education (NCCE), Abuja, Nigeria; Representative, Colleges of Education Academic Staff Union (COEASU)</p>
12:00 – 13:00	<p>Lead Paper by: Prof Joseph Chisasa, College of Economics and Management, University of South Africa (UNISA)</p> <p>Panel Discussion: Topic: Artificial Intelligence, Capacity-Building, and Institutional Readiness for Education Transformation in Africa Moderator: Prof Ogechi Adeola, Deputy Vice-Chancellor, University of Kigali</p> <p>Discussant</p> <ul style="list-style-type: none"> - Prof Wali Garba, College of Engineering, University of Rwanda/President, Association of Nigerians in Rwanda - Dr Manzuma Ndababa, African School of Governance - Mr. John Kout, Senior Investment Advisor, UNDP Rwanda - Dr Daniel Mulindwa, Adventist University of Central Africa - Mrs. Lark Hovey, Curriculum Director, Rwanda Institute for Conservation Agriculture (RICA).
13:00 – 14:00	<p>Lunch Break <i>Refreshments will be served in the Main Hall.</i></p>
14:00 – 16:30	<p>Capacity Building Workshop & Parallel Sessions</p> <p>Capacity Building Workshop (Dr. Rene Adolf Samuel Sebakara, Rwanda Information Society Authority (RISA); Dr Wilson Musoni & Dr Emmanuel Bugingo, University of Kigali)</p> <p>1. <i>Concept of Artificial Intelligence.</i> Dr Samuel Rene Adolf Sebakara 2. <i>ChatGPT for teaching and learning.</i> Dr. Emmanuel BUGINGO 3. <i>AI tools for Higher Education teachers/secondary school teachers, researcher (no coding required).</i>Dr. Emmanuel BUGINGO 4. <i>AI Applications in Supply Chain and Logistics: A Research Perspective for Higher Education Scholars.</i> Dr Wilson Musoni</p>

International Conference on AI in Education and Development (ICAIED)

	<i>5. AI tools for Assessment in secondary schools and Institutions of Higher Learning. Dr. Emmanuel BUGINGO</i>
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International Conference on AI in Education and Development (ICAIED)

Tuesday, Dec 9, 2025

Time 9.00-9.30	Lead Paper: Artificial Intelligence and the need for the development of critical thinking among 21st-Century students Presenter: Prof Abdulrazaq Olayinka Oniye- Dean, Graduate School, University of Kigali
09:30 – 10:30	Panel Discussion Topic: The Future of Learning: AI Integration in Pedagogy, Assessment, and Curriculum Development Moderator: Mr Joel Nwokeoma, The Metro Editor, Punch Nigeria Limited Panellists: Dr Jean Paul Harerimana-EduQuality Manager, Product Development (Global) Dr Noel MPORANANAYO-Rwanda Polytechnic-Kigali College Dr. Elizabeth Akinyi Owino, Dean of School of Education, University of Kigali Prof Susan Kurgat, Project Coordinator, East and South African-German Centre of Excellence for Educational Research Methodologies and Management, Moi University, Kenya
10:30 – 11:00	Tea Break
11:00 – 11:30	Capacity-building presentation: Emotional Intelligence and Career Success- Chair:
11:30 – 13:00	Parallel Presentations I
13:00 – 14:00	Lunch Break <i>Refreshments will be served in the Main Hall.</i>
14:00 – 14:30	Activity / Session Lead Paper Presentation- Topic: Artificial Intelligence as a Catalyst for AfCFTA Implementation: Building Trade Integration and Educational Capacity for Africa's Digital Economy By Dr Luqman Afolabi
14:30 – 15:30	Panel Discussion Anchor: Dr Ruth Odengo, Associate Dean, Graduate School, University of Kigali Topic: Leveraging Artificial Intelligence for Climate Resilience: Opportunities, Risks, and Ethical Implications. Discussant: Sangil Peter Hwang, Founder, Arise AI Agency Prof Abdullahi Baguma, DVC Research and Consultancy, University of Tourism Technology & Business Studies, Rwanda Prof Charity Manyeruje, Dean Diplomatic Corps Roger Uwayezu, Director of Training and Operations, AmaliTech, Rwanda

International Conference on AI in Education and Development (ICAIED)

Wednesday, Dec 10, 2025

Time	Activity / Session
09:00 – 90:30	Lead Paper: Applications of Machine Learning and AI for Enhancing Educational Processes and Outcomes Presenter: Dr Olivier Habimana, Director of Open and elearning, University of Rwanda
9:30 – 10:30	Panel Discussion Topic: Navigating the benefits of AI and innovation/creativity and challenges of quality education. Discussants <ul style="list-style-type: none"> • Prof. Ja’afar Usman, Professor of Information Technology, University of Tourism, Technology and Business Studies (UTAB), Rwanda and University of Maiduguri, Nigeria • Dr Samuel Rene Adolf Sebakara, Innovation Division, Rwanda Information Society Authority (RISA) • Dr Angélique Dekunde, School of Business Management & Economics, University of Kigali (UoK) • Dr Jane Ireri Kimathi, Dean, School of Science, Engineering and Health, Daystar University, Nairobi Campus, Kenya
10:30 – 11:00	Tea Break <i>Refreshments will be served in the Main Hall.</i>
11:00 – 12:30	Breakout Session I
12:30 – 13:30	Lunch Break <i>Refreshments will be served in the Main Hall.</i>
13:30 – 14:30	Networking Session
14:30 – 16:00	Breakout Session II

International Conference on AI in Education and Development (ICAIED)

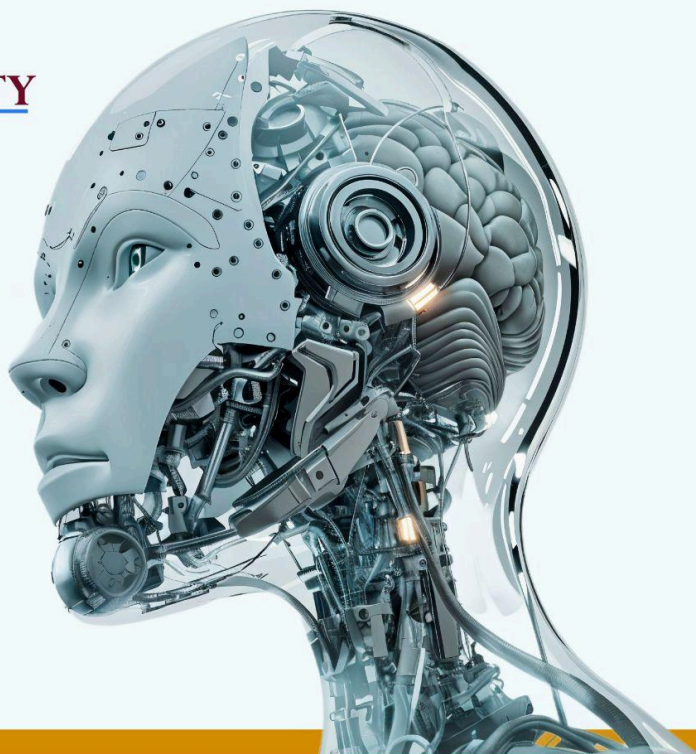
Thursday, Dec 11, 2025

Time	Activity / Session
08:00 – 10:30	Breakout Session (Morning Session)
10:30 – 11:00	Tea Break & End of Academic Sessions <i>Refreshments will be served in the Main Hall.</i>
11:00 – 19:00	Networking / Preparation for Gala
19:00 – 22:00	Gala Night Dinner & Closing Ceremony Dress Code: Formal / Traditional Attire. Includes Awards Ceremony.

International Conference on AI in Education and Development (ICAIED)

Friday, Dec 12, 2025

Time	Activity / Session
09:00 – 17:00	Optional Kigali City Tour



BREAK-OUT SESSIONS

INTERNATIONAL CONFERENCE ON ARTIFICIAL INTELLIGENCE AND EDUCATION

VENUE: Lemigo Hotel, Kigali, Rwanda
DATE: December 8 – December 12, 2025

Gold Sponsor:



Silver Sponsors:



Partner:



Day 1: Monday, December 8, 2025

Theme: AI and Education Only (Pedagogy, Curriculum, STEM, Language, & Special Needs)

Time: 14:00 – 16:30 (2 Hours 30 Minutes)

Room: BURERA (Focus: STEM, Science & Mathematics)

Session Chair/Anchor: Dr. Cyprien & David KABERUKA

Time	Presenter	Affiliation	Paper Title
14:00	Dr. Mustapha Shariff Abdulkadir	FCE Katsina	From Chalk to Code: Transforming Physics Education in Africa through AI and Automation
14:10	Dr. Mukhtar Abubakar	FCE Katsina	Educating in the Age of Machines: The Future of Teaching in African Smart Learning Environments
14:20	Dr. Usman Umar Zango	Sa'adatu Rimi COE	Exploring the Impact of Artificial intelligence in Teaching and Learning Science
14:30	Adamu Mohammed Fagge	Sa'adatu Rimi COE	Integrating AI into Basic Science Pedagogy for Holistic Acquisition of Science Process Skills
14:40	Dr. Sule Mundi	FCT COE Zuba	Impact of AI on Chemistry Education: Teaching and Learning Experiences in African Institutions
14:50	Taiwo A. Olayanju	FCE Tech Akoka	How Do Science Teachers Perceive AI Tool Algorithm Bias Versus Efficient Research Work
15:00	Dr. Abdullahi Muhammad	FCE Tech Gusau	Mathematics Teachers' Perception of integrating AI into their Classroom Implications for Sustainable Teacher Education
15:10	Muawiya Haruna Usman	FUE Zaria	Exploring the Effectiveness of AI – Powered Tutoring Systems in Enhancing Algebra Problem - Solving Skills
15:20	Dr. Alice Ogbene Enuma	COE Oju	Application of Artificial intelligence in science teaching and learning in Nigerian schools

International Conference on AI in Education and Development (ICAIED)

15:30	Kubra Yahya Umar	FCE Tech Gombe	Artificial Intelligence and the Future of Biology Teaching: Challenges and Prospects
15:40	Prof. Faruq Umar Zaki	FCE Gidan-Madi	The Role of Emerging Technologies in Enhancing Chemistry Teacher Pedagogical Skills in Africa
15:50	Fatima M. Dandare	FCE Gidan Madi	The Role of Emerging Technologies in Enhancing Teacher Pedagogical skills Using AI
16:00	Dr. Titus Matthew	Niger State COE	The Intersection of AI and Biology Education: Exploring the implications for African Teacher-Education
16:10	Dr. Sa'ad Ibrahim	FCT COE Zuba	Impact of Artificial Intelligence Tools on Social Studies Students in Colleges of Education
16:20	Salau, Abiola Olanrewaju	COE Billiri	Awareness and Perception of AI For Enhancing Teacher Education Among Science Education Students

Room: RUHONDO (Focus: Curriculum, Pedagogy & Teacher Prep)

Session Chair/Anchor: Dr. Elizabeth OWINO & John NDAMANGE

Time	Presenter	Affiliation	Paper Title
14:00	Dr. Aku Ayuba Ambi	Kaduna State COE	Teacher Education in the Age of AI, Preparing for the Future Learning
14:10	Dr. Christopher Nuhu Yerima	Kaduna State COE	AI and Technical Teacher Education: Exploring the Potential for Improved Instructional Delivery
14:20	Magaji Ado Muhammad	Jigawa State COE	Strategic Framework for Integrating AI in Teacher Education Institutions in Sub-Saharan Africa
14:30	Zainab M. Musa	Sa'adatu Rimi COE	Building Digital Resilience: The Role of AI in Empowering Educators of Women and Girls

International Conference on AI in Education and Development (ICAIED)

14:40	Noah Danlami	Kaduna State COE	Transforming Teacher Education in Africa Through the Use of AI in Political Science
14:50	Dr. Jummai Ali Kazaure	Jigawa State COE	The role of AI in personalised learning Implication for teacher Education in Nigeria
15:00	Dr. Nuraddeen Yusuf Galadanchi	Yusuf Bala COE	AI as a catalyst for educational innovation: enhancing assessment practices and instructional delivery
15:10	Dr. Funmilayo Alfa Yusufu	COE Akwanga	Assessing Teachers' Readiness to Integrate Artificial Intelligence into Teacher Education
15:20	Dr. Barau Nuhu Barnabas	COE Akwanga	Assessing Teachers' Readiness to Integrate Artificial Intelligence into Teacher Education
15:30	Abdulkadir Egya Odula, Ph.D	COE Akwanga	Artificial intelligence as a Partner in Pedagogical Design
15:40	Nuhu Lawal Ph.D.	COE Akwanga	The Role of Artificial Intelligence in Personalized Learning and Education
15:50	Mallo Gowon Vincent	COE Akwanga	AI and Emerging Issues: Implications for Teacher Education Delivery in Africa
16:00	Konyil, Patrick Yerima	COE Gindiri	Integrating AI into Technical Education for teacher Development in Africa
16:10	Dr Paul Dakup Dakang	COE Gindiri	Leveraging AI to Transform Physics Education Pedagogy Emerging Approaches
16:20	Garba Mohammed Othman	COE Gindiri	The Opportunities and Challenges of AI-driven Pedagogy in Africa Teacher Training

Room: NASHO (Focus: Language, Arts, Special Needs & Early Childhood)

Session Chair/Anchor: Prof. Prince Wasaja & TemitayoProf Wasajja and Temitayo

Time	Presenter	Affiliation	Paper Title
14:00	Hamza Shehu Usman	FCE Katsina	Hausa Oral Song Education: The Role of Artificial Intelligence
14:10	Dr. Hassan Dauda Kwalam	Jigawa State COE	Artificial Intelligence in the Teacher-Education of Indigenous African languages
14:20	Shuaibu Ibrahim	Yusuf Bala COE	Integration and Efficacy of AI in English Language Teaching: Urban/Rural Analysis
14:30	Aliyu, Abdulmalik	FCE Okene	Transforming Language Education: The Role of AI and Technologies in African Classroom
14:40	Ajileye, Michael Olugbenga	Alvan Ikoku	AI in African Language Education: Innovation, Ethics and Local Relevance
14:50	Ismail Hassan	Isa Kaita COE	Using AI To Empower Teachers Teaching Students with Hearing Impairments in Inclusive Classroom
15:00	Dr. Hauwakulu Saba	[Not Listed]	Application of Artificial Intelligence in early Child Care Education
15:10	Dr. Muhammad Bala Muhammad	FCE Katsina	Role of AI in Enhancing Instructional Competence of Adult Educators in Non-Formal Sector
15:20	Abubakar Dayyabu Tsauri	FCE Katsina	AI and Emerging issues in Adult Education and its Implication for Teacher Education
15:30	Mr. Shofolabo, James Olatunji	Tai Solarin COE	Effect of Artificial Intelligence (AI) And Adult Education For Sustainable Development
15:40	Dr Adebiji Benedictus Adekunle	FCE Special Oyo	Integration of AI in Special Education: Challenges, Opportunities and Innovations

International Conference on AI in Education and Development (ICAIED)

15:50	Dr. Uzoma, Ige Janet	FCE Okene	Developing AI Literacy Among Music Educators in Nigeria West Africa
16:00	Dr. Festus Iranlade Adeyemi	FCE Tech Akoka	AI and the Visual Arts Education: Issues in a Developing Lagos Environment
16:10	Mr. Afeez Adeshina Oke	FCE Iwo	Designing Scalable NLP Architectures for Indigenous Language Integration in Distance Learning
16:20	Ogu, Jovita C.	Alvan Ikoku	AI-Driven Art Education and Cultural Heritage Preservation in Nigerian Universities
	Hashim, Mansir (Ph.D)	FUE Zaria	Exploring the Role Of AI in Streamlining Administrative Functions in Colleges Of Education

Day 2: Tuesday, December 9, 2025

Theme: Mixed Themes (Governance, ICT, Agriculture & Continuing Education)

Session 2: 11:00 – 13:00

Room: BURERA (Governance, Policy & Ethics)

Session Chair/Anchor: Dr. Martin Gachukia & Mr. JulesDr. Emmanuel Bugingo and MS Mercy Nyankudi

Presenter	Affiliation	Paper Title
Musa Binyaminu Usman Esq.	Jigawa State COE	AI, Emerging Technologies and Innovation: Legal Implications for Teacher-Education
Dr Abdulmudallab M. Ahmed	Yusuf Bala COE	The Intersection of AI and Islamic Law: Ethical and Legal Implications for Modern Governance
Prof. Felix Maringe	UoK- Online	Pathway to Academic Integrity in the Age of Artificial Intelligence
Temitayo Ogunleye	University of Kigali	Media Representation of Artificial Intelligence and Youth Empowerment in Nollywood: A Critical Analysis of OmegaMax Conspiracy Cinematic AI Movie.
Abubakar Malami	FCE Gidan Madi	Redefining Teacher professionalism in the era of Artificial intelligence
Saad Abdulmumin Kofar Bai	Katsina Inst. Tech	AI and Emerging Insecurity Challenges: Implications for Teacher Education Delivery
Dr. Stephen Victor Dutse	Kaduna State COE	Artificial Intelligence and Education, Promises and Pitfalls in Africa: An Ethical Evaluation
Ogirima, Nuhu	FCE Okene	Emerging Issues in AI use in Islamic Religious Education: An Overview
Ekle Vincent	COE Oju	Contextualizing the Ethics of Artificial intelligence: Lessons for Effective knowledge delivery

International Conference on AI in Education and Development (ICAIED)

Dr. Attah, Henry Attah	FUE Kontagora	AI and Emerging Issues in Africa: A Political Economy Analysis of Power and Resource Dynamics
Omede, Ugbede David	FCE Odugbo	Adoption of AI for Enhancing Data Processing and Data Management in Colleges
Dr. Baba Mohammed	[Not Listed]	Leveraging AI in educational management for enhance quality in Nigerian System
Dr. Appah Ebimobwei	Isaac Jasper COE	AI and Audit Practice of Public Audit Firms in Nigeria: Does Audit Experience Matter?

Room: RUHONDO (ICT, Libraries & Innovation)

Session Chair/Anchor: Dr. Richard Kabanda & MusisiDr Musabe Bosco/Owen

Time : 11:00AM-1:00PM

	Presenter	Affiliation	Paper Title
	Lawan Haruna	Sa'adatu Rimi COE	Digital Transformation and Geospatial AI in African Education
	Bashar Lawal	Yusuf Bala COE	Technology Integration: A Paradigm Shift for Enhancing Curriculum Delivery
	Ado Mohammad Abdullahi	Yusuf Maitama FUE	Evaluation of E-Library resources, Adoption and Utilization in the Era of AI
	Bello Abdullahi Ringim	Yusuf Maitama FUE	AI Powered Graphic Design Tools in Nigeria Higher Education: Innovation
	Baffa Attahiru Magaji	Yusuf Maitama FUE	AI Integration in Academic Libraries and Information centers in African Contexts

International Conference on AI in Education and Development (ICAIED)

	Muhammad Sanusi Nassarawa	FCE Gidan Madi	Adoption AI in promoting user accessibility of library resources
	Nura Mani Kusada	Isa Kaita COE	Application of AI in Designing Learning Resources for Teaching Technical Trade Courses
	Dr. Ebitimi Peter Berezi	Isaac Jasper COE	Artificial Intelligence in Biomedical Research Education
	Uko, Vincent Bendepibekong	FCE Special Oyo	Integrating AI in Academic Libraries for efficient service delivery
	Mohammed Raihanatu Hamid	COE Billiri	A Review of User Experience (UX) In The Use of Learning Management System
	Ibrahim Ali Danjuma	FCE Yola	Leveraging AI for Curriculum Development in Business Education
	Onazi, Bosede Oluwatoyin	FCE Tech Gusau	Effect of AI Adoption on Technical Lecturer Productivity

Room: NASHO (Innovation)

Session Chair/Anchor: __Dr Thomas Tarus & Dr NSENGIYUMVA elysee

Time	Presenter	Affiliation	Paper Title
11:00	Voltaire ISHIMWE	University of Kigali	Novel Phishing Risk Detection and Awareness Framework Using Random Forest with Weighted Bootstrap Sampling and Elastic Net-Based Feature Optimization
11:10	Susan Jepkoech Kurgat,	MOI University Kenya	ETHICAL CONCERNS IN AI ADOPTION FOR HIGHER EDUCATION: PERSPECTIVES FROM FACULTY AT THE SCHOOL OF EDUCATION, MOI UNIVERSITY

International Conference on AI in Education and Development (ICAIED)

11:20	Dr. Samuel Wabala Wakuloba	University of Kigali	ARTIFICIAL INTELLIGENCE AND EMERGING ISSUES IN EDUCATION; AND DELIVERY OF QUALITY EDUCATION
11:30	Olayemi Aderokun ASAAJU, Ph.D	College of Education, University of Rwanda	The Influence of AI-powered tools on learning styles and academic achievement among pre-service biology teachers in Southwest, Nigeria
11:40	Schiman Niyonkuru	University of Kigali	A LITERATURE REVIEW ON EMERGING TECHNOLOGIES FOR RESOURCES OPTIMIZATION IN AFRICAN COMMUNITY BASED PROJECTS.
11:50	TURINUMUKIZA Maurice	School of Computing and Information Technology, University of Kigali	AI-Ready Smart Classroom Systemic Framework for Enhancing Teacher Education Delivery in Gicumbi District, Rwanda
12:00	Dr. Jagula Danladi Msheliza	Federal College of Education (Technical) Gombe	Artificial Intelligence and Emerging Issues: Implications for the Administration of Colleges of Education in Nigeria
12:10	Peter Sangil Hwang	Arise AI Agency	From Zero to Certified: Building Rwanda's First Nationally Accredited AI Education Program“
12:20	Mr. Obed IMBAHAFI:& Dr. BUGINGO Emmanuel:	School of Computing and IT, University of Kigali,Rwanda	A LangChain-Powered Course-Bound AI Assistant for Strengthening Academic Integrity and Teacher-Education Delivery in Rwanda
12:30	Gachukia, Martin (PhD) Oniye and Abdulrazaq Olayinka (PhD)	Graduate School, University of Kigali	Cybersecurity Awareness Toward Annexing the Benefits of Artificial Intelligence(AI) Integration to Transport and Logistic Services in Africa: Case of Nigeria and Rwanda

International Conference on AI in Education and Development (ICAIED)

12:40	Kamukama Jimmy Spice	University of Kigali	Integrating AI-Driven Adaptive Learning into Pre-Service Teacher Training in Rwanda: Opportunities, Challenges, and Institutional Implications
12:50	TURINUMUKIZA Maurice	School of Computing and Information Technology, University of Kigali	AI-Ready Smart Classroom Systemic Framework for Enhancing Teacher Education Delivery in Gicumbi District, Rwanda

Session 3: 14:00 – 16:00

Room: BURERA (Education)

Session Chair/Anchor: Dr. Cyprien & Mrs. Virginie

Time	Presenter	Affiliation	Paper Title
14:00	Dr. Temitayo Akinyele	FCE Abeokuta	AI and Emerging Issues: Implications for Vocational and Entrepreneurship Education
14:10	Dr. Oluwakemi Oni	FCE Abeokuta	Lecturers' Perceptions and Effectiveness of AI Integration on Teaching and Skill Development
14:20	Ojukuroloola, A. Olufunmibi	Osun State COE	The Role of AI in Enhancing Lecturers' Effectiveness in Colleges of Education
14:30	Christianah Tinuola Oladosu	Osun State COE	Assessment of Pre-Service Teachers' Perceptions of Their Experience and Fear About AI
14:40	Yahaya Mohammed Ndagi	Kwara State COE	Assessment of the integration of AI in teaching primary school learners
14:50	Mr. Sakariyau Lawal Yittametu	Kwara State COE	Challenges confronting history teachers in the integration of AI
15:00	Ajisafe, Olatunbosun Emmanuel	Adeyemi FUE	Assessment of AI Tools Utilization Among Business Education Lecturers

International Conference on AI in Education and Development (ICAIED)

15:10	Adepoju Adetokunboh Abayomi	Adeyemi FUE	An Assessment of AI Tools Used for Personalised Reading Instructions
15:20	Ajayi, Agnes Oluremi	FCE Special Oyo	Biology Education in the age of AI: Addressing emerging issues
15:30	Salawu Omotayo	Kwara State COE	Integrating AI in Teacher Education: Challenges and Opportunities in Africa
15:40	Dr. Ajaps, Christiana Ijeoma	FCE Tech Akoka	Exploring Innovative Approaches: Integrating Virtual Classrooms and AI for English
15:50	Engr. Odeh Isaac Ochim	FCE Tech Akoka	Assessing the Impact of AI Tools on Instructional Techniques in Technology Training

Room: RUHONDO (Education)

Session Chair/Anchor: Dr. Daniel Mburamatare &

Time	Presenter	Affiliation	Paper Title
14:00	Emmanuel I. Nnamonu	FCE Eha-Amufu	Enhancing Biology Teachers' Technological Pedagogical Content Knowledge Through AI
14:10	Godwin Segun Lamidi	FCE Eha-Amufu	Evaluating the Pedagogical Impact of AI Powered English Literacy Tools
14:20	Samuel Nweke Odo	FCE Eha-Amufu	Integrating AI Driven Simulations in Business Education Teacher Training
14:30	Lawrence Egbomuche-okeke	Nwafor Orizu COE	Issues and Opportunities in Integrating AI-driven Personalized Learning
14:40	Donatus Chijioke Nwabunze	Nwafor Orizu COE	Maximising potential benefits of integrating AI in teaching English as a second language
14:50	Dr. Chioma Gloria Azubuike	Nwafor Orizu COE	Emerging issues in the Application of AI tools for teacher Education

International Conference on AI in Education and Development (ICAIED)

15:00	Dr. Michael Ikechukwu Nwike	Nwafor Orizu COE	Strategic steps and challenges of preparing biology lecturers for AI driven future
15:10	Onu Chinyere Theresa	Enugu State COE	Entrepreneurial Pedagogy in Home Economics: Leveraging AI to Equip African Teachers
15:20	Dr. Okpara Itiri Idam	FCE Isu	Impact of AI-Driven Learning Analytics on Student-Teacher Development
15:30	Dr. Roseline Mmachi Njoku	FCE Isu	Evaluating Effectiveness of AI-Powered Tools in Enhancing Pedagogical Strategies
15:40	Eze Kelechi Emenike	Abia State COE	The use of AI for adaptive assessment and evaluation in teaching general mathematics
15:50	Lemchi, Stella Ngozi	Alvan Ikoku	The Role of AI in Enhancing Access to Child Care Support

Room: NASHO (Education)

Session Chair/Anchor: _____

Time	Presenter	Affiliation	Paper Title
14:00	Prof. Christiana Fwenji Zumyil	FUE Pankshin	Technology and Artificial Intelligence: Imperative for the Future of Education in Africa
14:10	Prof. Joseph Bakdima	FUE Pankshin	Integration of AI-powered tools into teacher education curricula in modern African Society
14:20	Johnson Yilji Bistu	FUE Pankshin	Reimagining Teacher-Education Curricula in Africa through Artificial Intelligence
14:30	Dr. Daniel Asilika Allu	FUE Pankshin	Application of Artificial Intelligence and Living Intelligence in Higher Education
14:40	Dr. Noah Lengs Punshak	FUE Pankshin	Artificial intelligence and its merits for a functional formation in a dynamic society

International Conference on AI in Education and Development (ICAIED)

14:50	Dr. Oyibo, Godwin	FCE Okene	Integrating AI Tool in Education: Opportunities for Functional Education
15:00	Dr. Azeez Oricha Ismaila	FCE Okene	Impact of AI on Literary Creativity: Threat or beneficial Tool to Teacher Education
15:10	Ogwola Edor Boniface	COE Oju	Artificial intelligence and emerging technologies and innovation: implications
15:20	Terwase Adzaigba, PhD	COE Oju	Artificial Intelligence and Teacher Education Delivery: Analysis of Opportunities
15:30	Mr. Odeh, Matthew Ede	COE Oju	Reimagining Teacher Education in the Age of AI: Challenges, Opportunities
15:40	Umar, Abdulraheem Ojo	FCT COE Zuba	Revolutionizing Teacher Education in Nigerian Colleges of Education through AI
15:50	Benard Ojobor, PhD	FCE Odugbo	Utilization of AI for Teaching and Learning Micro-language Skills

Day 3: Wednesday, December 10, 2025

Theme: Mixed Themes (Capacity Building, Vocational)

Session 4: 11:00 – 13:00

Room: BURERA (Capacity Building & Legal)

Session Chair/Anchor: _____

Time	Presenter	Affiliation	Paper Title
11:00	Dr. Binaebi Bariweni	Isaac Jasper COE	AI and Emerging Technologies in Nigerian Teacher Education: Opportunities

International Conference on AI in Education and Development (ICAIED)

11:10	Barr. Ogbomah ThankGod	Isaac Jasper COE	Application of Artificial Intelligence on Legal Document Drafting
11:20	Edoni, Harold Harcourt	Isaac Jasper COE	Artificial Intelligence and Militarism in the Nuclear Age
11:30	Dr. Rafiu Soyele	FCE Abeokuta	Exploring Institutional readiness For AI Integration In Nigeria Teacher Education
11:40	Dr. Jimoh, Lasisi Ayanda	Osun State COE	Deploying AI Tool in Islamic Education and Ethical Consideration
11:50	Engr. Bello, Moruff Ajadi	Osun State COE	Prospects, Challenges and Ethical Implications of AI Technology in Engineering
12:00	Pauline Ngozi Ikwuegbu	FCE Eha-Amufu	Leveraging Generative AI to Reduce Teacher Administrative Workload
12:10	Dr Abraham Y Gana	FCE Jama'are	Effect of AI on Monitoring and Implementation of Universal Basic Education Programme
12:20	Mohammed Hamman Barka	COE Waka Biu	Problems and Prospects of Integrating Artificial Intelligence in teaching and learning
12:30	Ejika Sambo (PhD)	COE Zing	Indigenous Knowledge and AI, Balancing Modern Intervention and Traditional Experience
12:40	Aliyu Mbiko (PhD)	COE Zing	Role of AI in managing the rights of Minority Languages for Economic Growth
12:50	Dr. Ibrahim Muhammad Hassan	Niger State COE	Implications of AI and Emerging Technologies on Teacher Education in Africa

Room: RUHONDO (ICT & Vocational Ed)

Session Chair/Anchor: _____

International Conference on AI in Education and Development (ICAIED)

Time	Presenter	Affiliation	Paper Title
11:00	Cirfat, Yaknan Bulus	COE Gindiri	Assessing the benefits and Challenges of AI Integration in Vocational and Technical
11:10	Dr. Yunusa Mohammed Madu	FCE Tech Potiskum	From Classroom to Farm: The Role of AI in Enhancing Practical Agricultural Education
11:20	Joseph, Olorunmolu Oye	FCE Tech Potiskum	The Imperative of AI in Business Education: Implications for Quality Teacher Education
11:30	Mohammed Auwal Ibrahim	FCE Tech Potiskum	Promoting Authentic EFL/ESL teaching Materials for effective teaching
11:40	Adamu Mohammed Yelwa	FCE Tech Potiskum	AI-Professional development Model for Chemistry Teacher
11:50	Abdullahi Ibrahim	FCE Tech Potiskum	Integrating AI into Computer Education: Preparing African Teachers
12:00	Tijjani Usman Karofi	COE Zing	Integration of Smart Technologies in Teaching in Selected Colleges of Education
12:10	Yakubu Williams	COE Zing	Gamification and AI in Aiding Instructional Method for Teacher in Africa
12:20	Abubakar Ahmadu Adi	COE Zing	The Impact of AI in Training Teacher for Internet and Non internet Network Environment
12:30	Umar Abdullahi	FCE Gombe	Integrating AI into Electrical/Electronic Technology Education
12:40	Dr. Ali Adamu	FCE Gombe	Preparing Future Mathematics Teachers for AI-Enhanced Learning Environments
12:50	Dr. Aliyu Mohammed	[Not Listed]	Leveraging AI to Train Biology Teachers for Effective Instruction in Remote Areas

Room: NASHO (Education - South West II)

International Conference on AI in Education and Development (ICAIED)

Session Chair/Anchor: _____

Time	Presenter	Affiliation	Paper Title
11:00	Dr. Lawal Sadik Ishola	FCE Tech Akoka	Lecturers Attitudes, Competence, and Institutional Support for AI Integration
11:10	Dr Oluwakemi Aladenusi	FCE Tech Akoka	Exploring the Role of AI in Enhancing Assessment and Feedback
11:20	Mr. Amoo Teslim Akinyemi	FCE Iwo	Man to machine: effects of AI on academic performance of pre-service teachers
11:30	Dr. Oba-Adenuga, Modupe A.	Tai Solarin COE	Teacher Education in Africa: Harnessing AI to Enhance Social-Emotional Learning
11:40	Mr. Olusanya, Abdulrasaq O.	Tai Solarin COE	Impact of AI on the Teaching and Learning Process in Sub-Sahara Africa
11:50	Agoro, Fatai Ayowole	Tai Solarin COE	Interrogating the Impact of Artificial Intelligence on Students' Performance
12:00	Mr. Okusanya, Oluwatosin A.	Tai Solarin COE	Navigating the Future: AI-Driven Innovations and Emerging Challenges
12:10	Fadara Oludele Ojo	Oyo State COE	Harnessing Computational Mathematics and AI in STEM Education
12:20	Olagbende Omololu Victor	Oyo State COE	Transformation of Education in Africa: The place of Artificial Intelligence AI
12:30	Sulymon Jimoh Alani	Oyo State COE	Towards Using AI Mnemonics for ensuring Quality Education Delivery
12:40	Akinteye Samson Adewale	[Not Listed]	Investigating effectiveness of AI powered tools in supporting counselles
12:50	Dr. Smart Odunayo Olugbeko	Adeyemi FUE	Addressing the Digital Divide: Strategies for Ensuring Equitable Access to AI

Session 5: 14:00 – 16:00

Room: BURERA (Education - South South)

Session Chair/Anchor: _____

Time	Presenter	Affiliation	Paper Title
14:00	Dr. Ugboduma Samuel Ogheneovo	Delta State COE	Relationship between AI Competence and Teacher Training Programmes
14:10	Dr. Obiunu, Esevosa Augustine	COE Warri	Integrating Emerging Technologies (AI) in Language Education
14:20	Dr. Umukoro, Moses Oghenevize	COE Warri	Integrating AI in Teacher Education in Africa: Implications and Challenges
14:30	Dr. Oyovwi, Dickson	COE Warri	Revolutionising Teacher Education Delivery: The Potentials and Impact of AI
14:40	Dr. Eshenake, J. Samuel	COE Warri	Integrating AI in Africa Education: Opportunities and Challenges in Achieving SDG 4
14:50	Dr Perekeme Peresuode	COE Warri	Effect of AI-Assisted Instruction on Pre-service Mathematics Teachers Pedagogical Competence
15:00	Dr. Ebitimi Peter Berezi	Isaac Jasper COE	Artificial Intelligence in Biomedical Research Education

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15:10	Dr. Appah Ebimobowei	Isaac Jasper COE	AI and Audit Practice of Public Audit Firms in Nigeria: Does Audit Experience Matter?
15:20	Dr. Binaebi Bariweni	Isaac Jasper COE	AI and Emerging Technologies in Nigerian Teacher Education: Opportunities
15:30	Barr. Ogbomah ThankGod	Isaac Jasper COE	Application of Artificial Intelligence on Legal Document Drafting
15:40	Edoni, Harold Harcourt	Isaac Jasper COE	Artificial Intelligence and Militarism in the Nuclear Age
15:50	Nura Muhammad	Yusuf Maitama FUE	Assessment of the Benefits and Challenges of AI powered tools in Teaching of Social Studies

Room: RUHONDO (Education - North West/East)

Session Chair/Anchor: _____

Time	Presenter	Affiliation	Paper Title
14:00	Prof. Lazarus Luka Maigoro	COE Gindiri	The Role of AI in Enhancing Instructional Competence of Adult Educators
14:10	Nsaba Victor Arobor	FCE Gidan Madi	Integrating AI in Technical Teacher Education in Sokoto State
14:20	Bashar Muhammad Yabo	Shehu Shagari COE	Professional Development Programme and Artificial Intelligent for Teaching
14:30	Yahaya Umar Muhammad	Shehu Shagari COE	Integrating AI in Social Studies Teacher Education in Nigeria
14:40	Shehu Bala	Shehu Shagari COE	Contemporary History, Digital Age Challenges, Opportunities and the Quest for Quality Teacher
14:50	Dr. Umar Tambari	Shehu Shagari COE	Integrating AI into Humanities and Social Science to Cultivate Critical Thinking

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15:00	Salisu Ibrahim	Shehu Shagari COE	Artificial Intelligence in Education Sector: A Review of Impact and Application
15:10	Isma'ila Ado Funtua, PhD	Isa Kaita COE	Artificial Intelligence in Nigerian Classrooms: Prospects, Challenges
15:20	Mahmud Muhammad Yahaya	Isa Kaita COE	Enhancing Teacher Education in Africa through an Adaptive AI-Powered Pedagogical Support
15:30	Talba, Usman	COE Waka Biu	Integrating AI Education into The Teaching of Integrated Science
15:40	Gambo M. Saljaba	COE Waka Biu	Evaluation of AI on The Academic Achievement of Students in Chemistry
15:50	Hussaini Adamu Ladags	COE Waka Biu	The influence of AI in academic pursuance

Room: NASHO (Remaining Mixed)

Session Chair/Anchor: _____

Time	Presenter	Affiliation	Paper Title
14:00	Akaraonye, James	Alvan Ikoku	Examining the Role of Artificial intelligence in Implementing the Teacher Education Curriculum
14:10	Dr. Okonkwo C. Chukwunonso	FCE Umuze	Generative AI in African Teacher Training: Promises and Perils of Tools like ChatGPT
14:20	Dr. Bertha Abdu Danja	COE Billiri	Effectiveness of Digital Instructional Tools (DITs) on Pre-Service Science Teachers
14:30	Dr. Danga, Luka Amos	COE Billiri	Effects of Digital Literacy Integration On Early Childhood Educators' Assessment
14:40	Sunday Samuel	COE Billiri	Transforming ECCE Teacher Preparation in Africa: AI as A Catalyst for Change

International Conference on AI in Education and Development (ICAIED)

14:50	Dr. AbdulRahman M. Adamu	COE Billiri	Technical Education and the GEM Paradigm Shift: A Strategic Lever
15:00	Abdulkarim Bala	COE Waka Biu	Assessing the Impact of AI-Powered Chatbots on Academic Achievement
15:10	Umar Ahmed Wadu	FCE Yola	Integrating AI in English Language Teacher Education: Opportunities and Challenges
15:20	Aisha Kadiri Mohammed	FCE Yola	Bridging the gap: rethinking early childhood teacher training through AI
15:30	Aishatu Ahmad Nyako	FCE Yola	Integrating AI into Teacher Education Curricula: A frame work
15:40	Babatunde A. Adedokun	FCE Yola	Emerging AI Technology in Teaching: A Paradigm Shift for Teacher Education
15:50	Ahmad Atiku Malle	FCE Jama'are	Integrating artificial intelligence (AI) in Secondary School Mathematics

Day 4: Thursday, December 11, 2025

Theme: Future Horizons & Closing

Session 6: 09:00 – 11:00

Room: BURERA (Education)

Session Chair/Anchor: _____

Time	Presenter	Affiliation	Paper Title
09:00	Mr. Sagir Umar Yana	FCE Jama'are	Leveraging AI to Improve the Training of History Teachers in Africa

International Conference on AI in Education and Development (ICAIED)

09:10	Aliyu Ahmed	FCE Jama'are	AI and Teaching History in African Institutions: A Curse or a Gift
09:20	Dauda Muhammad PhD	FUE Kashere	Rethinking Teacher preparation in the age of Artificial intelligence in Africa
09:30	Umar Ibrahim Usman	COE Nafada	Digital Mental Health support for AI Early Detection in Teacher Training Programs
09:40	Dr. Emmanuel S. Adeyanju	Yusuf Maitama FUE	Application of AI-powered technologies: Implication for pedagogical development
09:50	Muhammad, Umar Isa	FCE Tech Bichi	Integration of AI into Instructional Processes of Technical and Vocational Teacher Education
10:00	Dr. Abdullahi Muhammad	FCE Tech Gusau	Mathematics Teachers' Perception of integrating AI into their Classroom
10:10	Dr. Shehu Jabaka Muhammad	FCE Tech Gusau	Application of AI Technologies for Revitalisation of Technical and Vocational Education
10:20	Aliyu Sarkin Rafi	FCE Tech Gusau	AI in Enhancing Academic Performance of Computer Science Students
10:30	Baraatu Musa Hassan	FCE Tech Gusau	The Role of AI in Redefining Teacher Professional Development in Nigeria

Room: RUHONDO (Education)

Session Chair/Anchor: _____

Time	Presenter	Affiliation	Paper Title
09:00	Ubale Alhaji Ismaila PhD	FUE Zaria	AI-Driven Learning Analytics for Pre-Service Teachers: A Predictive Modelling Approach
09:10	Mohammed Afolabi Idayat	FUE Zaria	Effect of AI on Academic Performance of Business Education Students

International Conference on AI in Education and Development (ICAIED)

09:20	Hayatudeen Maccido Mohammed	FUE Zaria	Navigating the AI Revolution: Implications for Educators and Learners in the Faculty of Arts
09:30	Dr. Bashir Sabo Abubakar	FCE Tech Bichi	AI for Continuous Professional Development (CPD) of In-Service Teachers
09:40	Dr. Hussaini Yahaya Peni	FCE Tech Bichi	Developing Culturally Responsive Artificial Intelligence (AI) Tools for African
09:50	Abubakar Malami	FCE Gidan Madi	Redefining Teacher professionalism in the era of Artificial intelligence
10:00	Muhammad Sanusi Nassarawa	FCE Gidan Madi	Adoption AI in promoting user accessibility of library resources
10:10	Nura Mani Kusada	Isa Kaita COE	Application of AI in Designing Learning Resources for Teaching Technical Trade Courses
10:20	Dr. Okpara Itiri Idam	FCE Isu	Impact of AI-Driven Learning Analytics on Student-Teacher Development
10:30	Dr. Roseline Mmachi Njoku	FCE Isu	Evaluating Effectiveness of AI-Powered Tools in Enhancing Pedagogical Strategies

Room: NASHO (Agric, Climate & Geography)

Session Chair/Anchor: _____

Time	Presenter	Affiliation	Paper Title
11:00	Ibrahim Lawal Kane	Yusuf Bala COE	AI-Driven Climate Trend Monitoring in Northern Nigeria's Sahel Region
11:10	Moji Kenneth Terngu	FCE Tech Bichi	Integrating AI-Powered Tools in Crop Modelling: Implications for Sustainable Crop Production
11:20	Abu Mohammed PhD	FCE Tech Bichi	Utilization of AI for Enhancing the Teaching and Learning of Agricultural Education

International Conference on AI in Education and Development (ICAIED)

11:30	Dr. Marajos Alkali	Kaduna State COE	Aligning Agricultural Education Teacher Preparation for AI Driven Future
11:40	Danwake Jibrin Garba	FUE Kontagora	AI-Infrastructure Gaps... for Enhancing Teaching and Learning of Animal Husbandry
11:50	Dr. Ahmed, Bazza Lawan	FCT COE Zuba	Harnessing Digital Skills and AI for Teaching and Learning of Goat Production
12:00	Elisha Ikpe, Ph.D.	FCE Odugbo	Integrating Artificial Intelligence Technologies into Geography Curricula
12:10	Dr. Rita Onyeizu	FCT COE Zuba	Harnessing AI on the Production of Clothing and Textiles
12:20	Dr Serifat Olatundun Salami	FCE Special Oyo	AI - driven Agricultural Education and Youth engagement in Agribusiness
12:30	Mrs. Asifat Bukola Rianat	FCE Iwo	Integrating AI and Emerging Tools in Agricultural Education for Teacher Delivery
12:40	Innocent Ezeorah Ezeaku	FCE Eha-Amufu	Applying Generative AI for Agricultural Education Teacher Training in Africa
12:50	Poly-Mbah, Chinwe Pearl	Alvan Ikoku	Reimagining Agricultural Science Teacher Education in Africa through AI

International Conference on AI in Education and Development (ICAIED)

Room: NASHO (Mixed)

Session Chair/Anchor: _____

Time	Presenter	Affiliation	Paper Title
09:00	Abubakar, Auwal	FCE Odugbo	Artificial Intelligence in the Success of Teacher Education
09:10	Eche, Patrick Inalegwu, PhD	FCE Odugbo	Leveraging AI for global economy: A call for Digital-hybrid Teacher Education
09:20	Muhammad Idris Madugu	FUE Kontagora	Exploring the Impact of AI in Teaching and Learning of Science: A Systematic review
09:30	Prof. Yakubu Aminu Malam Umar	FUE Kontagora	Artificial Intelligence in Religious Education: Contemporary Challenges
09:40	Muhammad Aminu Umar	FCE Tech Bichi	AI-Driven Pedagogy in Teacher Training Programs in Africa
09:50	Eze Kelechi Emenike	Abia State COE	The use of AI for adaptive assessment and evaluation in teaching general mathematics
10:00	Lemchi, Stella Ngozi	Alvan Ikoku	The Role of AI in Enhancing Access to Child Care Support
10:10	Dr. Obiunu, Esevosa Augustine	COE Warri	Integrating Emerging Technologies (AI) in Language Education
10:20	Onu Chinyere Theresa	Enugu State COE	Entrepreneurial Pedagogy in Home Economics: Leveraging AI to Equip African Teachers
10:30	Donatus Chijioke Nwabunze	Nwafor Orizu COE	Maximising potential benefits of integrating AI in teaching English as a second language

Session 7: 12:00 – 13:00

Room: BURERA

Session Chair/Anchor: _____

Time	Presenter	Affiliation	Paper Title
12:00	Lawrence Egbomuche-okeke	Nwafor Orizu COE	Issues and Opportunities in Integrating AI-driven Personalized Learning
12:10	Samuel Nweke Odo	FCE Eha-Amufu	Integrating AI Driven Simulations in Business Education Teacher Training
12:20	Godwin Segun Lamidi	FCE Eha-Amufu	Evaluating the Pedagogical Impact of AI Powered English Literacy Tools
12:30	Emmanuel I. Nnamonu	FCE Eha-Amufu	Enhancing Biology Teachers' Technological Pedagogical Content Knowledge Through AI
12:40	Dr. Smart Odunayo Olugbeko	Adeyemi FUE	Addressing the Digital Divide: Strategies for Ensuring Equitable Access to AI

Room: RUHONDO

Session Chair/Anchor: _____

Time	Presenter	Affiliation	Paper Title
12:00	Akinteye Samson Adewale	[Not Listed]	Investigating effectiveness of AI powered tools in supporting counsellors
12:10	Sulymon Jimoh Alani	Oyo State COE	Towards Using AI Mnemonics for ensuring Quality Education Delivery

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12:20	Olagbende Omololu Victor	Oyo State COE	Transformation of Education in Africa: The place of Artificial Intelligence AI
12:30	Fadara Oludele Ojo	Oyo State COE	Harnessing Computational Mathematics and AI in STEM Education
12:40	Mr. Okusanya, Oluwatosin A.	Tai Solarin COE	Navigating the Future: AI-Driven Innovations and Emerging Challenges

Room: NASHO

Session Chair/Anchor: _____

Time	Presenter	Affiliation	Paper Title
12:00	Agoro, Fatai Ayowole	Tai Solarin COE	Interrogating the Impact of Artificial Intelligence on Students' Performance
12:10	Mr. Shofolabo, James Olatunji	Tai Solarin COE	Effect of Artificial Intelligence (AI) And Adult Education For Sustainable Development
12:20	Mr. Olusanya, Abdulrasaq O.	Tai Solarin COE	Impact of AI on the Teaching and Learning Process in Sub-Sahara Africa
12:30	Dr. Oba-Adenuga, Modupe A.	Tai Solarin COE	Teacher Education in Africa: Harnessing AI to Enhance Social-Emotional Learning
12:40	Mr. Amoo Teslim Akinyemi	FCE Iwo	Man to machine: effects of AI on academic performance of pre-service teachers

Gala Night

Time: 19:00 – 22:00

Venue: Lemigo Hotel Grand Ballroom

Activities: Awards Presentation, Cultural Troupe Performance, Dinner & Networking

UOK programs