UNIVERSITY OF NAIROBI
FACULTY OF EDUCATION
DEPARTMENT OF EDUCATIONAL COMMUNICATION TECHNOLOGY
AND PEDAGOGICAL STUDIES

1ST ANNUAL CONFERENCE FOR THE DEPARTMENT OF EDUCATIONAL COMMUNICATION, TECHNOLOGY AND PEDAGOGICAL STUDIES

Conference Theme: **Transforming Pedagogy in a Dynamic Landscape Through Educational Research and Technological Innovation**

Dates: 4th February, 2026

Venue: Virtual:
Zoom link: Link: https://tinyurl.com/9jcv8n5h

MASTER OF CEREMONY: Prof Hellen Inyenga

TIME	ACTIVITY	MODERATORS
8.00 - 8.25 AM	Arrival, Registration and Setup (Secretariat /ICT)	**Eric/Elisabeth/ Margaret/**
8.25 - 8.30 AM	Opening Prayers	**Dr Evanson Mureithi**
Opening Remarks		
8.30 - 9.00 AM	Conference Convenor: **Prof Juliet Muasya** Chairman, DECTPS: **Prof Boniface Ngaruiya** Associate Dean: **Prof Ann Nderitu** Dean, Faculty of Education: **Prof Jeremiah Karai** Deputy Vice Chancellor Research Innovation and Enterprise: (RIE): **Prof Jackson Maalu**	**Prof Paul Odundo**
SESSION 1: KEYNOTE ADDRESS & PAPER PRESENTATION RAPPORTEURS:		
9.00 – 9.30 AM	Dr Justin Andersson, Director, Teacher Scholars Academy, University of Nebraska, Omaha	**Prof Japeth Origa**

SESSION 2:	PAPER PRESENTATIONS & QUESTION and ANSWER SESSIONS	
9.30-11.00	BREAK OUT ROOM 1	BREAK OUT ROOM 2
	THEME 1: Pedagogy, Technology and Research in Early Years Education (EYE) **SESSION CHAIR: Dr Lilian Ganira** **RAPPORTEUR:**	**THEME 2: Educational Technology, Innovation and Pedagogy** **SESSION CHAIRS: Dr Ruth Kahiga/Dr. John Thiongo** **RAPPORTEUR:**
	1. Role of Teacher Instructional Strategies in Letter Knowledge and Writing Skills among PP2 Preschool Learners in Starehe Sub-County, Nairobi **Grace Kerubo Rogena & Hellen Inyega; Lilian Khavugwi Ganira** 2. Exploring the impact of the Nature of Teachers' Disposition towards Mathematics Pedagogical Simulation Methods on Mathematics Attainment among Grade Children in Loitokitok Sub-County, Kajiado County, Kenya **Njaru Mbogo Harrison; Inyega Okeo Justus Boniface Ngaruiya and Thiongo Mwangi John** 3. Effect of monitoring school system support *structures* on achievement of adaptive skills among autistic learners in early years in Tharaka Nithi County - Kenya: Analysis of Discrete learning Method **Gatuura Festus Doris & Odundo Paul Amollo** 4. The Role of Edtech in Balancing Standardized and Personalized Learning: A Case Study of Kidato School **Beth Kinya Ndumba**	1. Influence of Interactive Learning Tools in Computer-Assisted Learning on Achievement in English Reading Comprehension among Form Two Secondary School learners in Embakasi Sub County. **Irene Ndunge Kyanzi, Ganira, Khavugwi Lilian & Inyega Hellen** 2. High school use of computers for the teaching and learning Design and Technology: A case study of Botswana government schools. **P. Sekonopo** 3. Educational Technology and Innovation in English Language Pedagogy in Nigeria: A Review of Inhibiting Factors **T. O. Adesanmi, T. J. Adegoke & O. A. Adeagbo** 4. Teaching Through Cinematic Absurdity: Beckettian Film Techniques in Competency-Based Education **Odundo Allan** 5. Empowering Educators: The Role of Prompt Engineering for Generative AI in Enhancing Master Trainer Delivery within South Sudan Accelerated Secondary Education Program (ASEP) **Thadeo Kuntembwe** 6. Effect of Frequently Studying with Instrumental Music on Academic Achievement in Physics among Secondary School Students: A Case Study of Kodero Bara High School. **Maurice Junior; Evans Muriuki Muriithi; Ruth Mugo Kahiga; Boniface Njoroge Ngaruiya** 7. Influence of ChatGPT-Supported Text Analysis on Reading Skills among Undergraduate Literature Students at Mount Kenya University, Kenya. **Faith Njeri Kaira, Hellen Inyega and**

		Juliet Muasya
		8. Undergraduate Students Perceptions of ChatGPT and its impact on English Essay Writing Performance at the University of Nairobi. **Roselyne Kathuri, Peter Kyalo and Ruth Mugo**

11.00-11.30AM HEALTH BREAK

11:30 – 1:00PM	BREAK OUT ROOM 3	BREAK OUT ROOM 4
	SUB-THEME 3: Pedagogy and Emerging Technologies in CBE: (Social Science) SESSION CHAIR: Dr. John Mwangi/Dr Stephen Mutiso RAPPORTEUR:	SUB-THEME 3: Pedagogy and Emerging Technologies in CBE (STEM) SESSION CHAIR: Prof Japeth Origa RAPPORTEUR:

	1. Secondary school teachers and learners' views on technology-guided instruction of English Language Phonation, Likuyani, Kenya.
	    Mukonyi M. Bwononi, Ganira Khavugwi Lilian & Odundo Paul Amollo
	2. Reimagining Film Education in Kenya: The Influence of The Kenya National Drama and Film Festival (Kndff) **Faith Makena Mutwiri**
	3. Integrating AI and Digital Tools in Social Science Pedagogy for Competence Based Education **Mark Amuko Otiende**
	4. Influence of Illustrative Examples on Mastery of Concepts in Business Studies in Secondary Schools in Nairobi County, Kenya **Sarah Getahun Bekele, Paul Odundo Amollo, John Kamau Mwangi, Ganira Khavugwi Lilian**
	5. Influence of Interactive Learning Tools in Computer-Assisted Learning on Achievement in English Reading Comprehension among Form Two Secondary School learners in Embakasi Sub County. **Irene Ndunge Kyanzi, Ganira, Khavugwi Lilian, & Inyega Hellen**
	6. Step-by-Step Instruction and Structured Practice within Collaborative Learning on Learner Achievement in English Essay Writing in Mashuru subcounty, Kajiado-Kenya. **Githua, Lucy Wairimu, Inyega Hellen & Ganira, Khavugwi Lilian**
		1. An investigation into how Design and technology trainee teachers handle class deliver during teaching practice. A case of University of Botswana's Design and Technology Department.
		    Sekonopo, P., Moalosi, R. & Motshubi, S.
		    Enhancing STEM Competency-Based Education through Emerging Technologies: Pedagogical Innovations for 21st-Century Learning **Mary Atieno Juma**
		2. Adapting the Flipped Classroom Model: Bridging International School Practices with Kenya's Mainstream Education through a STEM and Innovation Center **Lucy Owuor**
		3. Impacting Constructivism on the Learning of Mathematics among High school Girls in Kenya **Japheth Ododa Origa & Peter Kyalo Mulwa**
		4. Preparing Social Science Pedagogy for the First CBC Cohort: Integrating AI and Digital Tools in Competency-Based Education **Mark Amuko Otiende**
		5. Harnessing Competency-Based Education, Artificial Intelligence, and Pedagogical Innovation in Geospatial Science: A Literature Review of Trends and Opportunities in Kenyan Higher Education **Bertha Othoche**
		6. Influence of preprimary teachers' perception of Competence Based Education on learner
		    achievement in Mathematical Activities in Bungoma County, Kenya. **Kisiang'ani Bahati, Paul**

	7. Positive Interdependence during Cooperative Learning Strategy and Learner Achievement in Suprasegmental Features in English among Form Three Learners, Webuye West Sub-County, Bungoma-Kenya **Sajiti Adeline Waera, Ganira, Khavugwi Lilian & Inyega Hellen**	**Amollo Odundo, Evanson Muriuki Muriithi & Lillian Kavugwi Ganira**
12.45-1.00PM	**PLENARY SESSION**	
1.00PM-2.00PM	**HEALTH BREAK**	
Session 3	**PAPER PRESENTATIONS/QUESTION & ANSWER SESSIONS**	
2:00 — 4:30PM	**BREAK OUT ROOM 1**	**BREAK OUT ROOM 2**
	SUB-THEME 4: Research, Technology and Innovation in Teaching Practice **SUB-THEMES 5: Pedagogy and Technical Vocational Education and Training in the wake of CBE** **SESSION CHAIR: Prof Juliet Muasya/Dr Ruth Kahiga** **RAPPORTEUR:**	**SUB-THEME 6: Competency-Based Assessment** **SESSION CHAIR: Dr Peter Kyalo** **RAPPORTEUR:**
	1. Optimizing Kiswahili Teaching Methods: Investigating the Impact of Selected Micro Teaching Skills in Kiswahili Teaching **Zachary Njagi Ndwiga, Evan Mbuthia & Saoke Victor** 2. Transforming Pedagogy through the use of Digital Materials by Students Teachers during Teaching Practice in Schools in Kenya: A Paradigm Shift in the 21st Century **Juliet N. Muasya** 3. An investigation into how Design and Technology trainee teachers handle lesson delivery during teaching practice. A Case of University of Botswana's Design and Technology Department **Sekonopo, P. Moalosi, R. Rapitsenyane Y. & Motshubi** 4. Exploring the Integration of Key Inquiry Questions in the Competency-Based Curriculum in Lesson Planning and Delivery Among Student Teachers: A Case of the University of Nairobi, Kenya. **Ruth Kahiga**	1. Unpacking Institutional Dynamics of Competency-Based Assessment in Kenya's Competency-Based Education Academic Ecosystem **Alice Wairimu Mwangi** 2. Effectiveness of Competency-Based Assessment in an Inclusive Classroom Setting in Junior Schools in Homabay County, Kenya **Noel Awuor Nyandega** 3. Advancing Competency-Based Assessment: Integrating Educational Research with Technological Innovation **Jerotich Koech** 4. Sociology of Assessment with Reference to Competency-Based Curriculum (CBC) Assessment in Kenya **Isaac W. Muasya** 5. Influence of Teacher Assessment Techniques on the Implementation of Competency Based Curriculum in Public Primary Schools in Kisumu Central Sub-County, Kenya **Salome Akumu Ojung'a**
	BREAK OUT ROOM 3	**BREAK OUT ROOM 4**
	SUB-THEME 7: Cross-cutting issues in Pedagogy, Technology and Research	**SUB-THEME 7: Cross-cutting issues in Pedagogy, Technology and Research**

	SESSION CHAIR: Dr Evanson Mureithi RAPPORTEUR:	SESSION CHAIR: Dr John Thiong'o/Dr. Stephen Mutiso RAPPORTEUR:
	1. Challenges experienced during headteacher-parental collaboration on learners' development of community-based skills in Junior schools, Nyeri County, Kenya **Joseph Mwaniki Wachira & Lucy Muthoni Murage** 2. Reimagining Large Class Pedagogies: Scaffolding for Learner Engagement and Achievement **Ndwiga Zachary Njagi & Saoke Victor** 3. Correlation between Faculty Members' Perceptions and Adoption of CBC Instructional Approaches: A Case of Bugema University, Uganda **Baraka Manjale Ngussa, Martin Lubowa, Clare Kyomuhendo & Ben Belden Mugula** 4. Enhancing Research Resilience through WhatsApp Communication and Collaboration: Evidence from Higher Learning Institutions in Mbeya City, Tanzania **Baraka Manjale Ngussa & Hadija Matimbwa** 5. Influence of Parental Social Support on Students' Learning Activities in Public Day Secondary Schools in Nyeri County, Kenya **Nderitu Stephen Karume & Murage Lucy Muthoni**	1. A Case Study of ABDP's AFS Methodology and its Alignment with CBE Principles **Wanjiru Kigo** 2. Reframing Pedagogy, Technology, and Research in Planning Education: Insights from Kenya **Ignatius Mwangi** 3. Class interaction, Reading comprehension and learner achievement in Public Primary Schools in Nairobi County: Advancing the vision **Elizabeth Asewe Oluoch** 4. School Closures, Teenage Pregnancies and Educational Pathways in Kenya Eastern Connecticut State University **Steve Muchiri**
4.30-5.00PM	**PLENARY SESSION** 1. RECAP/WAY FORWARD	**Prof Boniface Ngaruiya** **Prof Paul Odundo**
	CLOSING CEREMONY 1. VOTE OF THANKS 2. PRAYERS	**Prof Ann Nderitu** **Dr Ruth Kahiga**