



**3<sup>rd</sup> ANNUAL INTERNATIONAL CONFERENCE ON RESEARCH AND INNOVATION IN EDUCATION (AICRIE)  
THEME: COLLABORATIVE AND PROBLEM-SOLVING BASED TEACHER EDUCATION**

**DATE: 14/10/2020 - 15/10/2020**

<b>Day One: 14/10/2020</b>			<b>Virtual</b>
<b>Time</b>	<b>Activity</b>	<b>Facilitator</b>	
<b>9.00 – 9.20 Am</b>	Opening Prayer	Dr. Teresia Kazungu	
<b>9.20 - 10:00 Am</b>	<b>Opening Ceremony Addressed By:</b> Conference Chairman (Makes Introduction and Remarks) Dean- School of Education Principal (CEES) Vice Chancellor (UoN) -Chief Guest	Dr. Simon Munayi Prof. Samson Gunga Prof. Isaac Jumba Prof. Stephen Kiama	
<b>10.00-11.00</b>	<b>Key Note Address-Key Note Speaker Dr. Seija Karppinen</b> <b>Topic: 21<sup>st</sup> Century Skills and Innovation pedagogy</b>		<b>Moderator: Prof. Genevieve Wanjala</b>



**Parallel Sessions: Paper Presentation Session 1**

	<b>Parallel Session A (Virtual Room 1)</b>	<b>Parallel Session B (Virtual Room 2)</b>	<b>Parallel Session C (Virtual Room 3)</b>
<b>Sub Theme</b>	Education and Health Living	Institutional Governance and Problem-Solving Education	<b>Problem-Solving and Inclusive Education</b>
	<b>Chairperson: Prof. Hellen Inyega(Ph.D)</b>	<b>Chairperson: Prof Ursulla Okoth(Ph.D)</b>	<b>Chairperson: Prof. Genevieve Wanjala(Ph.D)</b>
<b>11.30am-1.00 Pm</b>	Perceptions of Youth Athletes Sources of Knowledge on Doping: The Case of North Rift Training Camps, Kenya <i>Dr. Simon Munayi (PhD)</i>	Instructional Supervision and The Pedagogical Practices in Public Secondary Schools in Kenya Sr. Dr Pauline. W. M & Kingi, P.M	Mechanisms to Improve Students' Participation Rate in Public Boarding Secondary Schools in Kicukiro And Ruhango Districts in Rwanda Ntakirutimana Emmanuel Prof. Genevieve Wanjala(Ph.D) Dr. Rueben Gitonga Mutegi (PhD)
	Leveraging ICTs To Improve Sexual Health Literacies and Practices of University Students in Kenya Prof. Hellen Inyega (Ph.D) Prof. Justus Inyega (Ph.D) Kwamboka Oyaro Multimedia	Adoption of Alternative Disciplinary Strategies on Students in Public Secondary Schools in Kenya Dr. Eunice Wanjira Ngunju(Ph.D) Dr. Joash Migosi <sup>2</sup> (Ph.D)	Relationship Between Educational Expenditures and Students' Participation Rate in Public Boarding Secondary Schools in Kicukiro And Ruhango Districts in Rwanda Ntakirutimana Emmanuel, Email: Reuben Gitonga Mutegi (PhD) Prof. Genevieve Wanjala(Ph.D)



University

Identification of Factors That Motivate University Students Towards Participation in Competitive Sports: The Case of Kenyan Universities  
 Dr. Janet Chumba (Uon)  
 Dr. Simon Munayi (Uon)

Influence of Head Teachers' Instructional Supervision Practice on Academic Performance in KCPE In Yatta Sub County  
 Evans M. Mulatya  
 Prof. Ursulla A. Okoth

Essence of The Arts in Effective Teaching and Learning of Other Subjects in The School Curriculum: A Constructivist Approach  
 Joseph Muleka,

Physical Fitness Trainer's Knowledge of Nutrition for Fitness and Health  
 Dr. Janet Wanjira (UON),  
 Vincent Muasya Dr. Edna Thangu,  
 Kenyatta University

Influence of Principals' Transformational Leadership Practices on Student Academic Performance in Kenya Certificate Secondary Examination (K.C.S.E) In Makueni County, Kenya  
 Judith Musyoki Prof. Ursulla A. Okoth  
 Prof. Jeremiah Kalai

Effective Teaching of Physical Education to Learners with Visual Disability  
 Rose A. Jakinda,  
 Dr. Simon Munayi,  
 Dr. Janet Chumba  
 Prof. Jacob S. Nteere

**1.00-2.00 Pm**

Lunch Break

**2.00-3.30 Pm**

**Paper Presentation Session 2**

Parallel Session A (Virtual Room 1)

Parallel Session B (Virtual Room 2)

Parallel Session C (Virtual Room 3)

**Education and Health Living**

**Institutional Governance and Problem-Solving Education**

**Problem-Solving and Inclusive Education**

**Chairperson; Dr. Mustapha, Mulikat Ladia.**

**Chairperson; Dr. Mercy Mugambi**

**Chairperson: Dr. Ibrahim. F. Khatete**



Philosophical Insights in Healthy Living: Towards Warding Off Obesity in Children in Early Years of Education in Kenya  
Dr Atieno Kili K'odhiambo (Uon)

Transformational Leadership: Predictor of Teachers' Performance in Public Primary Schools in Kenya  
Sr. Dr Kingi, P.M & Macharia Francis Muthee

Social economic challenges facing learners with special needs during the COVID19 remote learning period  
Dr. Loise Gichui and Michael Ndurumo

Problem Solving Strategies for Curbing Drug Abuse in Schools as Perceived by In-School Adolescents in Ilorin, Kwara, Nigeria  
Dr. Lydia Akunna Agubosi  
Dr. Mustapha, Mulikat Ladia.  
University of Ilorin, Kwara State, Nigeria

Influence of Principals' Appraisal of Teachers' Classroom Physical Environment on Students' Performance in Kenya Certificate of Secondary Education in Laikipia County, Kenya  
Macharia Margaret Yangati -  
Prof. Ursulla Okoth-  
Dr. Mercy Mugambi-

Influence of Family Housing Conditions on Academic Completion Rates of Pupils in Public Primary Schools in Western Province of Rwanda  
HASHAKIMANA Theogene  
Dr. Reuben. G. Mutegi  
Dr. Ibrahim. F. Khatete

The Level of Doping Awareness in Schools: A Review of Literature Available on The Internet.  
Bett Kimaru, Dr. Simon Munayi,  
Dr. Janet Wanjira, Dr. Michael Otieno & Prof. Jacob Nteere

Influence of Head Teachers' Facilitation of Teachers' Professional Growth on Pupils' Performance in Kenya Certificate of Primary Education in Meru County, Kenya  
Leonard Muthuri Kananua,  
Prof. Ursulla, A. Okoth,  
Prof. Winston, J. Akala,

**Sub theme: Collaborative Practices in Educational Funding**

Influence of School Uniform Cost (As A Parallel Cost) On Learner's Participation Rate  
Paul Otom  
Ferdinand Mbeche  
Dr. Reuben Mutegi



**Sub-Theme Sustainable Development Goals (S) And the Problem-Solving Teacher**

Life After Sport: Coping Mechanisms for Retired Athletes in Kenya  
Isaac Muasya  
Dr. Janet Wanjira

An Investigation of Administrative Challenges Associated with Students Performance in KCSE Examination in Public Secondary Schools in Mombasa District  
**Kimanzi Annie Kasau**  
**Ursulla A. Okoth**

Influence of Government Funding in Addressing Educational Wastage in Public Secondary Schools in Kandara Sub-County, Muranga County, Kenya.  
Karanja Joseph Ndung'u  
Dr Rose Obae (Senior Lecturer),  
Mr. Ferdinand Mbeche

<b>3.30- 5.00 Pm</b>	<b>Panel Discussion TVET KICD Moderator Dr. Janet Chumba</b> <b>Virtual Room 1)</b>
	<b>Theme: Collaborative and Problem-Solving Based Teacher Education, TVET And Curriculum Perspective</b> <b>Panelist:</b>

**Day Two: 15th October 2020**

<b>9.00-10.00.Am</b>	<b>Key Note Speaker Prof: Njororai Simiyu Moderator. Dr. Simon Munayi</b> <b>Topic Fostering Collaborative Problem Solving and Other 21<sup>st</sup> Century Skills</b>
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**Paper Presentation Session 3**

<b>10.00-11.30:Am</b>	<b>Parallel Session A (Virtue Room1)</b>	<b>Parallel Session B (Virtue Room2)</b>	<b>Parallel Session C (Virtue Room3)</b>
	Chairperson: Prof. Odundo Paul Amolloh	Chairperson: Dr. Ibrahim Khatete	Chairperson: Dr. Loise Gichui
	<b>A Problem-Solving Curriculum</b>	<b>Educational Practices and Problem Solving</b>	<b>Education and Emergencies</b>



<p>Impact of Social Studies Curriculum Assessment Methods and Values Education Among Learners in Pre-Primary School in Nairobi City County, Kenya: Focusing on Responsibility Ganira Khavugwi Lilian &amp; Prof. Odundo Paul Amolloh</p>	<p>Influence of Peer Interaction Through Peer Components on Talent Identification for Players in Rugby Clubs in Kenya Dr. Michael D. Otieno</p>	<p>Social Economic Factors Influencing Promotion Rate to The Final Class of Primary Sector A Case of Turkana And Bomet Counties <b>Dr. Loise Gichuhi</b></p>
<p>Inculcating Values Among Learners in Schools: An Analysis of Global Practices and Approaches Dr. Mercy M. Mugambi Sr). Kingi Petronilla</p>	<p>Influence of Socio-Economic Factors on Pupils' Transition Rate to Secondary Schools in Kibra Sub-County, Nairobi City County, Kenya Ong'anyo Miriam Viluti, Ferdinand Mbeche &amp; Dr. Andrew Riechi</p>	<p>ICT Inequalities And E-Learning in The Wake of Covid-19 In Kenya Dr. Reuben Mutegi</p>
<p>Training ethical citizens: Analysis of Social Studies Competency Based Curriculum in Kenya <b>Nabiswa Wasike</b></p>	<p>Implementations of Information and Communication Technology Integration on Quality of Education at Primary Schools in Makindu Sub-County, Kenya Brenda Mbithe Mwakavi Dr. Ibrahim Khatete Dr. Reuben Mutegi</p>	<p>Parents Characteristics and Children E-Learning During Covid -19 Era Anastacia Gakuru Dr. Reuben Mutegi</p>
	<p>Factors Influencing the Integration of ICT In Resource Planning in Secondary Schools in Mashuuru Sub County, Kajiado County,</p>	<p>Potential for Change: Education and Prevention of Gender-Based Violence in Covid19 In Kenya <b>Sr. Dr Kingi, Patronilla</b> <b>Mr. Baraza Joel</b></p>



Kenya  
**Dr. Rose Obae,  
 Ferdinand Mbeche  
 Asibah Everlyne Kerubo**

11.45-1.15

**Paper Presentation Session 4**

Parallel Session A (Virtual Room 1)	Parallel Session B (Virtual Room 2)	Parallel Session C (Virtual Room 3)
<b><i>The Learner and Problem Solving</i></b>	<b>The Future of Teaching and Teacher Education</b>	<b>Modern Trends in Teaching and Teacher Training</b>
<b>Chairperson:</b> Dr. Michael Otieno	<b>Chairperson:</b> Prof. Lucy W. Kibera	<b>Chairperson:</b> Prof. Jane Ciumwari Gatumu
Relationship Between Self-Regulated Learning And Student Performance In Physics In Public Secondary Schools In Nakuru East Sub-County, Kenya <i>Mr. Kaptum Stephen Cheburet,</i>	Assessment of Teacher Education Framework Beyond COVID 19 Kenya. Dr. Rosemary Khitieyi Imonje	Bloom's Taxonomy in Students' Pedagogy of Religious Education During Teaching Practice in Kenyan Secondary Schools Prof. Jane Ciamwari Gatumu
Relationship Between Physical Education and Examination Results: A Literature Review Kimemia, Dr. Simon Munayi, Dr. Michael Otieno, Prof. Jacob Nteere –	Teacher Education and Professionalism: A Moral Perspective Professor Lucy W. Kibera	Effect of Flipped Learning Educational Videos Technique on Pupils' Academic Achievement in Science in Abothuguchi Central Divison, Meru County Mr. Alfred K. Mutethia Dr. Ruth M. Kahiga



	<p>Influence of Institutional Factors on Students Performance in Kenya Certificate of Secondary Education in Public Secondary Schools in Mbooni East Sub County, Kenya. Onesmus Ngulu, Ferdinand Mbeche Dr. Rose Obae</p>	<p>Postgraduate Supervision: Exploring Student Experiences in The School of Education, Dr. Rosemary Khitieyi Imonje,</p>	<p><b>Teaching Problem-Solving in the 21st Century</b> Teaching Problem Solving Skills for the 21<sup>st</sup> Century Challenges Matula Daizy Phylisters Mwasaru Josiphine-</p>
	<p>Relationship Between Self-Regulated Learning and Student Performance in Physics in Public Secondary Schools in Nakuru East Sub-County, Kenya Mr. Kaptum Stephen Cheburet</p>		<p>Integration of Digital Tools in Teaching of Automotive Engineering in Public and Private TVET Institutions in Bungoma County, Kenya. Maurice Wekesa Chonge &amp; Gladys Wanjiru Kinyua</p>
<p><b>1.15 -2.00Pm</b></p>		<p><b>Lunch</b></p>	

<p><b>2.00-3.30</b></p>	<p><b>Closing Ceremony (Virtual Room 1 )</b></p>	
<p>Conference Chairman Dean- School of Education Principal (CEES) DVC RIE (Uon) -Chief Guest</p>		<p>Dr. Simon Munayi Prof. Samson Gunga Prof. Isaac Jumba Prof. Madara Ogot</p>

**PERTINENT INFORMATION**  
**COLLEGE OF EDUCATION AND EXTERNAL STUDIES (CEES)**  
**COLLEGE STRUCTURE**

- School of Education Together with College Library Are Situated at Library Hill Complex.
- School Has 4 Departments





- Educational Foundations
- Educational Communication and Technology
- Educational Administration and Planning
- Physical Education and Sport
- Centre For Pedagogy and Andragogy Is Hosted at Kenya Science Campus

### **ACADEMIC PROGRAMMES**

- A Total Of 28 Programmes On Offer
- Diploma in Early Childhood Education (ECE)
- Postgraduate Diploma in Training of Trainers
- B.Ed.- Arts
- B.Ed- ECE
- B.Ed- ICT
- B.Ed- Science
- B.Ed- PE & Sport
- **Masters and Doctorate**
- Areas of Specialization Include:
  - Curriculum Studies
  - Education in Emergencies
  - Educational Planning
  - Educational Administration
  - Economics of Education
  - Corporate Governance in Education
  - Higher Education
  - Adult and Community Education
  - Comparative and International Education
  - Sociology of Education



- History of Education
- Philosophy of Education
- Special Needs Education
- Early Childhood and Development Education
- Subject Methods
- Pedagogy of Physical Education

**For Further Information Please Contact:**

- a) **Principal CEEE- Email: [principal-cees@uonbi.ac.ke](mailto:principal-cees@uonbi.ac.ke)**
- b) **Dean School of Education- Email: [deaneducation@uonbi.ac.ke](mailto:deaneducation@uonbi.ac.ke)**
- c) **Chairman Department of Educational Administration and Planning -Email: [dept-edadmin@uonbi.ac.ke](mailto:dept-edadmin@uonbi.ac.ke)**
- d) **Chairman Department of Educational Foundations- Email: [dept-edfoundations@uonbi.ac.ke](mailto:dept-edfoundations@uonbi.ac.ke)**
- e) **Chairman Department of Communicational and Technology-Email: [dept-ecnt@uonbi.ac.ke](mailto:dept-ecnt@uonbi.ac.ke)**
- f) **Chairman Department of Physical Education and Sport-Email: [dept-pes@uonbi.ac.ke](mailto:dept-pes@uonbi.ac.ke)**