

3rd ANNUAL

**INTERNATIONAL CONFERENCE ON  
RESEARCH AND INNOVATION  
IN EDUCATION (AICRIE)**

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



**Theme:**

COLLABORATIVE AND PROBLEM-SOLVING  
BASED TEACHER EDUCATION

# Schedule of Events

Day One, Wednesday: 14/10/2019

## TIME

9.00am - 9.20am  
9.20am - 10:00am

## ACTIVITY & PERSON RESPONSIBLE

**Opening Prayer**

**Opening Ceremony Addressed By:**

*Conference Chairman (Makes Introduction and Remarks)*

*Dean- School of Education*

*Principal (CEES)*

*Vice Chancellor (UoN) -Chief Guest*

**Dr. Teresia Kazungu**

**Dr. Simon Munayi**

**Prof. Samson Gunga**

**Prof. Isaac Jumba**

**Prof. Stephen Kiama**

10.00am - 11.00am

**Key Note Address-Key Note Speaker Dr. Seija Karppinen**

**Topic:** *21st Century Skills and Innovation pedagogy*

**Moderator:**

**Prof. Genevieve Wanjala**

**Parallel Sessions: Paper Presentation Session 1**

Sub Theme

**Parallel Session A  
(Virtual Room 1)**

**Education and Health  
Living**

**Chairperson: Prof.  
Hellen Inyega(Ph.D)**

**Perceptions of Youth  
Athletes Sources of  
Knowledge on Doping:  
*The Case of North Rift  
Training Camps, Kenya*  
Dr. Simon Munayi  
(PhD)**

**Parallel Session B  
(Virtual Room 2)**

**Institutional  
Governance and  
Problem-Solving  
Education**

**Chairperson: Prof  
Ursulla Okoth(Ph.D)**

**Instructional  
Supervision and The  
Pedagogical Practices  
in Public Secondary  
Schools in Kenya**  
*Sr. Dr Pauline. W. M &  
Kingi, P.M*

**Parallel Session C  
(Virtual Room 3)**

**Problem-Solving and  
Inclusive Education**

**Chairperson: Prof.  
Genevieve Wanjala  
(Ph.D)**

**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  
Mutegei (PhD)*

11.30am- 1.00pm

## Day One, Wednesday: 14/10/2019

### **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 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)*

### **Physical Fitness Trainer's Knowledge of Nutrition for Fitness and Health**

*Dr. Janet Wanjira (UON),  
Vincent Muasya  
Dr. Edna Thangu,  
Kenyatta University*

### **Adoption of Alternative Disciplinary Strategies on Students in Public Secondary Schools in Kenya**

*Dr. Eunice Wanjira Ngunju (Ph.D)*

*Dr. Joash Migosi2 (Ph.D)*

### **Influence of Head Teachers' Instructional Supervision Practice on Academic Performance in KCPE In Yatta Sub County**

*Evans M. Mulatya*

*Prof. Ursulla A. Okoth*

### **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*

### **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)*

### **Essence of The Arts in Effective Teaching and Learning of Other Subjects in The School Curriculum: A**

*Constructivist*

*Approach*

*Joseph Muleka,*

### **Effective Teaching of Physical Education to Learners with Visual Disability**

*Rose A. Jakinda,*

*Dr. Simon Munayi,*

*Dr. Janet Chumba*

*Prof. Jacob S. Nteere*

1.00Pm-2.00 Pm

Lunch Break

## Day One, Wednesday: 14/10/2019

2.00Pm - 3.30 Pm

### Paper Presentation Session 2

Sub Theme

#### Parallel Session A (Virtual Room 1)

**Education and Health  
Living**

**Chairperson;**

*Dr. Mustapha,  
Mulikat Ladia*

**Philosophical Insights  
in Healthy Living:  
Towards Warding Off  
Obesity in Children in  
Early Years of  
Education in Kenya**

*Dr Atieno Kili  
K'odhiambo (Uon)*

**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*

#### Parallel Session B (Virtual Room 2)

**Institutional  
Governance and  
Problem-Solving  
Education**

**Chairperson;**

*Dr. Mercy Mugambi*

**Transformational  
Leadership: Predictor  
of Teachers'  
Performance in Public  
Primary Schools in  
Kenya**

*Sr. Dr Kingi, P.M &  
Macharia Francis  
Muthee*

**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-*

#### Parallel Session C (Virtual Room 3)

**Problem-Solving and  
Inclusive Education**

**Chairperson:**

*Dr. Ibrahim. F. Khatete*

**Social economic  
challenges facing  
learners with special  
needs during the  
COVID19 remote  
learning period**

*Dr. Loise Gichui and  
Michael Ndurumo*

**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. Mutege  
Dr. Ibrahim. F. Khatete*

## Day One, Wednesday: 14/10/2019

### **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*

### **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*

### **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,*

### **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*

### **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*

### **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*

3.30Pm - 5.00 Pm

### **Panel Discussion TVET KICD Moderator Dr. Janet Chumba Virtual Room 1)**

*Theme: Collaborative and Problem-Solving Based Teacher Education, TVET And Curriculum Perspective*



# Schedule of Events

Day Two: Thursday 15th October 2020

3.30Pm - 5.00 Pm

**Key Note Speaker Prof: Njororai Simiyu**

*Topic Fostering Collaborative Problem Solving and Other 21st Century Skills*

**Moderator. Dr. Simon Munayi**

## **Parallel Session A (Virtual Room 1)**

### **A Problem-Solving Curriculum**

**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 & Prof. Odundo  
Paul Amolloh*

**Inculcating Values  
Among Learners in  
Schools: An Analysis  
of Global Practices  
and Approaches**

*Dr. Mercy M. Mugambi  
Sr). Kingi Petronilla*

## **Parallel Session B (Virtual Room 2)**

### **Educational Practices and Problem Solving**

**Influence of Peer  
Interaction Through  
Peer Components on  
Talent Identification  
for Players in Rugby  
Clubs in Kenya**

*Dr. Michael D. Otieno*

**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 &  
Dr. Andrew Riech*

## **Parallel Session C (Virtual Room 3)**

### **Education and Emergencies**

**Social Economic  
Factors Influencing  
Promotion Rate to  
The Final Class of  
Primary Sector A Case  
of Turkana And Bomet  
Counties**

*Dr. Loise Gichuhi*

**ICT Inequalities And  
E-Learning in The  
Wake of Covid-19 In  
Kenya**

*Dr. Reuben Mutegi*

## Day Two: Thursday 15th October 2020

**Training ethical citizens: Analysis of Social Studies Competency Based Curriculum in Kenya**  
*Nabiswa Wasike*

**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*

**Parents Characteristics and Children E-Learning During Covid -19 Era**  
*Anastacia Gakuru  
Dr. Reuben Mutegi*

**Factors Influencing the Integration of ICT In Resource Planning in Secondary Schools in Mashuuru Sub County, Kajiado County, Kenya**

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

**Sub County, Kajiado County, Kenya**

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

11.45am - 1.15pm

### Paper Presentation Session 4

**Parallel Session A (Virtual Room 1)  
The Learner and Problem Solving**

**Chairperson:**  
*Dr. Michael Otieno*

**Relationship Between Self-Regulated Learning And Student Performance In Physics In Public Secondary Schools In Nakuru East Sub-County, Kenya**

*Mr. Kaptum Stephen Cheburet,*

**Parallel Session B (Virtual Room 2)  
The Future of Teaching and Teacher Education**

**Chairperson:**  
*Prof. Lucy W. Kibera*

**Assessment of Teacher Education Framework Beyond COVID 19 Kenya.**

*Dr. Rosemary Khitieyi Imonje*

**Parallel Session C (Virtual Room 3)  
Modern Trends in Teaching and Teacher Training**

**Chairperson:**  
*Prof. Jane Ciumwari Gatumu*

**Bloom's Taxonomy in Students' Pedagogy of Religious Education During Teaching Practice in Kenyan Secondary Schools**

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## Day Two: Thursday 15th October 2020

### **Relationship Between Physical Education and Examination Results: A Literature Review**

*Kimemia, Dr. Simon  
Munayi, Dr. Michael  
Otieno, Prof. Jacob  
Nteere -*

### **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*

### **Relationship Between Self-Regulated Learning and Student Performance in Physics in Public Secondary Schools in Nakuru East Sub-County, Kenya**

*Mr. Kaptum Stephen  
Cheburet*

### **Teacher Education and Professionalism: A Moral Perspective**

*Professor Lucy W.  
Kibera*

### **Postgraduate Supervision: Exploring Student Experiences in The School of Education,**

*Dr. Rosemary Khitieyi  
Imonje,*

### **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*

### **Teaching Problem Solving Skills for the 21st Century Challenges**

*Matula Daizy Phyllisters  
Mwasaru Josiphine*

### **Integration of Digital Tools in Teaching of Automotive Engineering in Public and Private TVET Institutions in Bungoma County, Kenya.**

*Maurice Wekesa  
Chonge & Gladys  
Wanjiru Kinyua*

1.15Pm-2.00 Pm

**Lunch Break**

2.00pm - 3.30pm

### **Closing Ceremony (Virtual Room 1 )**

*Conference Chairman  
Dean- School of Education  
Principal (CEES)  
DVC RIE (Uon) -Chief Guest*

*Dr. Simon Munayi  
Prof. Samson Gunga  
Prof. Isaac Jumba  
Prof. Madara Ogot*



# **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

1. Educational Foundations
2. Educational Communication and Technology
3. Educational Administration and Planning
4. Physical Education and Sport

Centre For Pedagogy and Andragogy Is Hosted at Kenya Science Campus

## **ACADEMIC PROGRAMMES**

1. A Total Of 28 Programmes On Offer
2. Diploma in Early Childhood Education (ECE)
3. Postgraduate Diploma in Training of Trainers
4. B.Ed.- Arts
5. B.Ed- ECE
6. B.Ed- ICT
7. B.Ed- Science
8. B.Ed- PE & Sport

# ACADEMIC PROGRAMMES

## **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:**

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