

4TH Annual International Conference on Research and Innovation in Education

CONFERENCE PROGRAMME

UNIVERSITY OF NAIROBI RESEARCH WEEK 2022

26th - 27th October 2022

CONFERENCE TYPE: VIRTUAL

THEME:

Post-Modern Trends for Education Transformation and Sustainable Development

Zoom Link for the Conference

<https://us02web.zoom.us/join/91187120202>

About the University of Nairobi, Kenya

The University of Nairobi is the oldest University in Kenya with its origins in the Royal Technical College of East Africa, which was established in 1956 to offer education and training in technology and business. Subsequently, the University of Nairobi was established out of the University College, in 1970. From the first 215 students who registered to study in the Royal Technical College of East Africa when it opened its doors to students for the first time on 23rd April 1956, there are today over 50,000 students enrolled. The University has been, and continues to be a centre for intellectual life, a locus of research activity extending the boundaries of knowledge, a resource for professional development, and a key player in the growing global network of scholarship. The University is considered a source of excellence and a leader in new initiatives and innovations in response to national and global needs alike. It is endowed with some of the best and highly rated professors and scholars in Africa who service the University and serve in other Government and institutions locally and internationally. This engagement, creates a difference in the society and its environs. Other notable strengths include a vast base of talented holistic students who leverage on their diversity and different talents to gain competencies in various fields.

Faculty of Education

The Faculty of Education has over the years produced renowned educationists and researchers who serve in various capacities globally. The faculty has over the years held various educational conferences that have brought together education practitioners, researchers, academics and students who share a wealth of educational experiences that have often informed policy. In this era of globalization and the need to ensure Sustainable Development (SD) education continues to play its rightful role of human capital development.

As the world focuses on attaining Sustainable Development Goals (SDGs) by 2030, education practitioners, researchers, academics, and students continue to make their contributions. This focus calls for all stakeholders in education to continually engage. The Faculty of Education, therefore, has brought together such stakeholders in education in its 4th Annual International Conference on Research and Innovation in Education to be held on 26th to 27th October 2022. The aim of the conference is to enable scholars, researchers, educational practitioners, and students share their valuable experiences on how reforms in education through research and innovation can contribute to sustainable development. The conference will also provide opportunities for networking among the participants from various backgrounds.

The conference theme is informed by the fact that the world educational agenda in the last decade was geared toward the attainment of Education for All (EFA) as well the attainment of the Millennium Development Goals (MDGs) by the year 2015. This has since then shifted the global focus towards better life for human beings through the concerted effort of ensuring that all stakeholders are now focused on achieving Sustainable Development as envisaged in the 2030 (SDGs) framework. Therefore, as scholars gather for this conference it will be interesting to share ideas on the role of education in ensuring the attainment of sustainable development by both individuals and governments and more particularly in Africa. The big question we are asking is how is education in Africa being impacted by the global agenda of SDGs and consequently how

is education in Africa responding and contributing towards achieving the SDGs global agenda? As we embrace the Sustainable Development Goals (SDGs), we continue to ask, how will education in Africa be impacted and what will be its contribution towards attaining of the SDGs by 2030? These and other pertinent educational issues will form the basis of academic debate during this conference.

It is worth noting that, the 4th Annual International Conference on Research and Innovation in Education (AICRIE) has brought together about 100 participants. The organizing team therefore welcomes each participant to this conference and trust that every individual will make the best out of the conference interactions.

Vice-Chancellor's Welcome Remarks



**Prof. Stephen Kiama,
BVM, MSc. (Nairobi), PhD (Bern).
Vice-Chancellor, University of Nairobi**

It is my pleasure to warmly welcome you all to the 4th Annual International Conference on Research and Innovation in Education. This conference is one of the activities annually held by the Faculty of Education to celebrate the University of Nairobi Research week. *Karibuni sana*

It is worth noting that, the 4th Annual International Conference on Research and Innovation in Education (AICRIE) brings together education practitioners, researchers, academics, and students to share a wealth of educational experiences that will inform policy and best practices in education across the globe.

The 2022 conference theme is *Post-Modern Trends in Education Transformation and Sustainable Development*. I am informed that the conference has attracted about 95 papers, a number that is higher than the previous conference which

attracted 60 papers. The presenters come from across the globe including USA, UK, Canada, India, Ghana, Nigeria, Uganda, Tanzania, Rwanda and Kenya among others. This is a sign that the conference is gaining popularity over years. I wish to congratulate the faculty for this milestone.

Ladies and gentlemen, allow me to speak more about the conference theme *'post-modern trends in education transformation and sustainable development*.

As you are all aware, the aim of Education for Sustainable Development (ESD) is to promote knowledge, skills, understanding, values and actions required to create a world which is sustainable in terms of ensuring environmental protection and conservation, promotes social equity and encourages economic sustainability. ESD empowers learners to take informed decisions and responsible actions for environmental integrity, economic viability and a just society, for the present and future generations, in addition to respecting cultural diversity.

Universities are the primary institutions for the dissemination and generation of knowledge through teaching and research. Universities are therefore key players in facilitating the achievement of Sustainable Development Goals. Universities play a critical role in shaping new ways for the world, educating global citizens and delivering knowledge and innovation into society. Universities are engines of societal transformation.

Therefore, ladies and Gentlemen, for universities to remain relevant and true to their role of societal transformation, there is need of continuously examine the curriculum, teaching and learning approaches, and staff development process at all levels of education.

As we are all aware, Research and Innovation is a core pillar of the University of Nairobi's Strategic Plan. Research and Innovation contribute to the development of the society through creation, preservation, application and dissemination of knowledge. We recognize that the general public are the beneficiaries of new products, processes, plant varieties and other intellectual creations resulting from discoveries, inventions and creative activities by the faculty, students and associates in the University

I would like therefore, to wish you fruitful engagement during these two days virtual conference. It is my hope that we are going to create networks and collaboration that will enhance future partnerships in educational matters.

I therefore declare this conference officially opened

University of Nairobi Research Week Committee Chairperson



Prof. M. Jesang Hutchinson
Associate Vice- Chancellor
Research, Innovation, and
Enterprise

I take this opportunity to officially welcome you to the 4th Annual international Conference on Research and innovation in Education. This is one of the conferences held in celebration of University of Nairobi Research week.

Guided by the theme *Post-Modern Trends in Education Transformation and Sustainable Development* with a total of 8 subthemes I am happy to announce that the conference has done very well in terms of attracting scholarly papers that will be presented during the two days. I am total the subtheme with the lowest number of papers is at 10 while the one with the highest number of papers in over 25. This is not a mean achievement. Congratulations

Ladies and gentlemen, Production of new knowledge through the practices of research and scholarship lies at the heart of the university Nairobi's mission. We therefore acknowledge that without effective and ongoing dissemination of knowledge, the efforts of researchers and scholars are wasted. Dissemination is thus a core responsibility of the university. For this reason, the university has always set aside a week in every year to allow each faculty to provide a forum such as this where the finest scholars, practitioners, and students disseminate exciting and cutting-edge findings

Allow me to thank in advance the following keynote speakers who have volunteered their time to address us on various topical issues

1. Prof. Rebecca Fergusson - Professor of Learning Futures in the Institute of Educational Technology (IET) at The Open University in the UK
2. Prof. Jerono Jerotich - Department Chair of Kinesiology and Recreation Administration at North Carolina Central University, Durham, North Carolina, USA
3. Dr. Narendra D Deshmukh – From Homi Bhabha Centre for Science Education, TIFR, Mumbai, India
4. Mr. Enos Kiforo - Country learning toolkit plus (LTK+) coordinator and African Hub Research Coordinator

I would also like to thank all the participants from Kenya and different countries represented here. We feel honoured by your attendance. I wish you a very fruitful engagement

Lastly, would like to appreciate the good work done by the faculty conference committee led by Prof. Jeremia Kalai and Prof. Raphael Nyonje.

God bless you all

KEYNOTE SPEAKERS

PROFESSOR REBECCA FERGUSON



Rebecca Ferguson is Professor of Learning Futures in the Institute of Educational Technology (IET) at The Open University in the UK, and a senior fellow of the Higher Education Academy. Her primary research interests are educational futures and how people learn together online. She has worked on the Innovating Pedagogy Reports – annual publications on developments in teaching and learning – since the series was founded in 2012, including two years as lead author. She is an editor-in-chief of the Journal of Learning Analytics, and a leading member of the international learning analytics community. Her work has been influential in shaping the field, supporting implementation across Europe, and promoting a focus on social learning analytics and on ethics. Rebecca is also Academic Lead of the international FutureLearn Academic Network, linking academics from over 170 partner institutions around the world, and helping to develop a focused research agenda. Rebecca's books include *Augmented Education*, published by Palgrave, and *Educational Visions: The Lessons from 40 Years of Innovation*, published by Ubiquity and available openly online. For more details, see her blog at <https://r3beccaf.wordpress.com/>

PROFESSOR JERONO JEROTICH



Prof. Rotich is a tenured full professor and the Department Chair of Kinesiology and Recreation Administration at North Carolina Central University, Durham, North Carolina, USA. She oversees three Bachelor of Science degree programs (Kinesiology, Sports Medicine and Recreation Administration) with eight different concentrations and Three Masters of Science degree programs (Sports and Athletic Management, Kinesiology, Recreation Administration and Recreation Therapy).

Prof. Rotich continues to serve as a Research Fellow at Center for New North Carolinians at University of North Carolina. She is the CEO and Founder WOYO (Women & Youth) Global Diversity Consulting and JVV Wellness and Safety LLC and Founder and President of Kenya Students in Diaspora. She is a dedicated servant leader, educator, scholar, change agent, motivational speaker, and women, youth and peace champion who is committed to excellence, community engagement and international collaborations. She currently serves the President of the Kenya Scholars and Studies Association, Deputy Director of the Kenyan Christian Fellowship (KCFA) Promise generation; Board member for the African women leadership program, Chair of Oversight and Compliance for Gottabgaa International as well as a Panel of Experts for Kass FM weekly international radio and television programs, among many others. Prof. Rotich has served as a Guilford County Commissioner on the Status of Women.

She has been invited to make presentations and to serve as a keynote speaker in several conferences at local, state, national and international level. Most recently, she was invited to:

1. Give a presentation at the 4th UNESCO Collective Consultation Meeting on the Safeguarding and Promotion of Traditional Sports and Games (TSG) Istanbul – Turkey;
2. Attend and serve as USA delegate on the World Forum for Reviving Traditional Sports in Antalya Turkey;
3. Attend the 2018 Global Peace Leadership Conference (GPLC) in Uganda;
4. Serve as a keynote speaker during the 2017 Educational Research and Publications Associations International Congresses on Education, Budapest, Hungary among others

DR. NARENDRA D DESHMUKH



Since 1991, Dr. Narendra Deshmukh is working at Homi Bhabha Centre for Science Education, TIFR, Mumbai, India as Senior Scientific Officer-E. He has M.Sc (Animal Physiology), M. Ed, M.A and M.Phil (Education), Ph D (Education) and MBA (HR) degrees. He completed his Postdoctoral study from Marang Centre for Maths and Science Education, Wits School of Education, Johannesburg, South Africa.

His research areas are: Students' Conceptions and Misconceptions, Open Educational Resources, Activity Based Science Learning, Participatory Action Research, Topic Specific Pedagogical Content Knowledge and interested in Tribal & Rural Education, Health Education, Biology Education and Teacher Education. He shared his research experiences in many national and international conferences and published in journals. He is author of 6 books, participated in 4 books and 6 courses, 3 technical reports. He is associated with many national and international educational, biology education research associations.

Email: ndd@hbcse.tifr.res.in nddeshmukh1965@gmail.com

MR. ENOS KIFORO



Enos Kiforo is the country learning toolkit plus (LTK+) coordinator and African Hub Research Coordinator. Over the years Enos has been the technical consultant of the learning toolkit, working closely with Ministry of Education, schools, teachers, partners and most importantly learners. He is a holder of Bachelor of Education from the then College of Education and External Studies, University of Nairobi and MEd (Teacher Education) from the Institute for Education Development Eastern Africa, Aga Khan University Dar es

Salaam. Enos is passionate about research on digital technology in teaching and learning and enjoys seeing teachers and learners utilize technology in the learning process.

Email: enos.kiforo@agakhanacademies.org

PROGRAMME

DAY ONE: OCTOBER 26, 2022

TIME	Activity	SUBTHEME	
8:00-8:30	Online registration	ICT team/ conference secretariat	
8.30 – 9.30 A.M	Opening Ceremony	Prayers By Welcome speech 1. Prof. Raphael Nyonje - Conference chairman 2. Dr. Ann Nderitu - Associate Dean Faculty Education 3. Prof. Jeremia Kalai - Dean Faculty of Education 4. Prof. Margaret Hutchinson - DVC Research Innovation and Enterprise (RIE) 5. Prof. Stephen G. Kiama - VC University of Nairobi	Master of Ceremony Dr. Simon Munayi
9.30 – 10.30 A.M	Plenary	KEYNOTE SPEAKER 1: Professor Jerono Jerotich Topic: Building Global Collaboration in Kinesiology for Sustainable Development KEYNOTE SPEAKER 2: Dr. Narendra D Deshmukh	Modarator Dr. Reuben mutegi
10.30 – 11.00 AM	HEALTH BREAK		
11.00 – 1.00 P.M	<p style="text-align: center;">BREAK OUT ROOM 1: REFOCUSING EDUCATION TO 21ST CENTURY CHAIRPERSONS: DR. LILIAN OMUTOKO & DR. JOSEPH MWINZI RAPPORTEUR:</p> <ol style="list-style-type: none"> Infrastructure Development: Implications of the Integration of ICT in Secondary Schools in Nairobi City County: <i>By Eunice Munyilu Kikuvimbului, Sr. Dr. Petronilla M. Kingi, & Prof. Jeremia Kalai</i> Fashion-Abled Special-Needs Groups: Implications of Co-Creation for Fashion Design Undergraduate Degree Pedagogy and Sustainability. <i>By Sophia. N. Njeru</i> Undergraduate Student Perceptions on Virtual Online Versus on-Campus Teaching – Learning Modes of Delivery and Assessment in Public Universities. <i>By Dr. Rosemary Khitiei Imonje</i> Principals’ Conflict Management Strategies and Teachers' Job Performance in Public Secondary Schools in Kisii County, Kenya. <i>By Muhatia Georgina Shitambasi</i> Salvaging Philosophical Ethics in Education in the Twenty First Century: from Teleological to Deontological Cause. <i>By Dr. Joseph M. Mwinzi</i> Factors Influencing Rate of Completion of Undergraduate Students in Public Universities in Kenya. A Case of University of Nairobi, Faculty of Education: <i>By Hillary Shikokoti Rosemary Khitiei Imonje</i> 		

<p>11.00 AM – 1.00 PM</p>	<p style="text-align: center;">BREAK OUT ROOM 2: TRANSFORMATIVE AND ANDRAGOGICAL PRACTICES DR. RUTH MUGO & DR. JULIET MUASYA RAPPORTEUR:</p> <ol style="list-style-type: none"> 1. Effect of Task-Based Learning on Learner Achievement in Reading Comprehension in English Language in Public Primary Schools in Nairobi City County, Kenya. <i>By Elizabeth Asewe Oluoch, Agnes Wanja Kibui, Paul Amolo Odundo, Ruth Kahiga Mugo</i> 2. Parental Provision of Instructional Materials and Development of Numeracy Skills among Pre-primary School Children in Lugari Sub-County, Kakamega County, Kenya. <i>By Anyango Beatrice Lugongo, Dr. Juliet Muasya & Dr. Evanson Mureithi</i> 3. Integration of Steam in Early Years Education in Nairobi City County, Kenya: Implication for 21st Century Skills. <i>By Ganira Khavugwi Lilian & Prof. Odundo Paul Amolloh</i> 4. Music, Dance and Drama as a pedagogy: Insights from School Practice at St John Bosco PTC, Nyondo. <i>By Erisa Walubo</i> 5. Influence of Instructional Resources on Learner Achievement in Early Literacy Skills in Early Years Education; Embakasi Central, Nairobi County, Kenya. <i>By Kiendi Immelda Mbithe, Ganira Khavugwi Lilian & Odundo Paul Amollo</i> 6. Influence of ICT infrastructure on the implementation of digital literacy programme in public primary schools in Isiolo County, Kenya. <i>by Muchui Morris Thambura, Boniface Ngaruiya and Gladys Kinyua</i> 7. Inclusive Education and the Teaching of History. <i>By Mary Wanjiru Wanyoika</i>
<p>11.00 AM – 1.00 PM</p>	<p style="text-align: center;">BREAK OUT ROOM 3: TEACHER PROFESSIONAL DEVELOPMENT CHAIRPERSON: DR. ALICE MASESE & MR. FEDNARD MBECHÉ RAPPORTEUR:</p> <ol style="list-style-type: none"> 1. Contribution of Clinical Supervision towards Teacher Professional Development and Service Delivery among ECD Teachers in Selected Schools Rubaga Division, Kampala, Uganda. <i>By Annet Karungi and Alfred Buluma</i> 2. Principals’ Instructional Supervision Strategies on Students’ Performance at Kenya Certificate of Secondary Education in Kuria West Sub County, Kenya. <i>By Nyaisuti Daniel Mwita, Prof. Ursulla Achieng Okoth, Dr. Ibrahim Wafula Khatete</i> 3. Feasibility study Process and Implementation of Electronic Teacher Appraisal and Development Programme in Public Primary Schools in Kitui County, Kenya. <i>By Florence M. Mutungaa, Angeline S. Mulwa, Dorothy N. Kyalo, & John O. Nyaegah</i> 4. Influence of Principals’ Inspirational motivation on Students’ Performance at Kenya Certificate of Secondary Education in Public Secondary Schools, Makueni County, Kenya. <i>By Judith Mbithe Musyoki; Jeremiah Kalai; Ursulla A. Okoth; & Joshua A.</i>

	<p>5. Trade Unions Strategy of Teachers' Benefits and Its Influence on Teachers Welfare in Public Secondary Schools in Nairobi City County, Kenya. <i>By Tom Ochieng' Kuja, Prof. Ursula A. Okoth & Dr. Daisy Matula</i></p> <p>6. Principals Setting Academic Targets: An Impetus on Students' Performance at Kenya Certificate of Secondary Education in, Kenya. <i>By Nyaisuti Daniel Mwita, Prof. Ursula Achieng Okoth, & Dr. Ibrahim Wafula Khatete</i></p>
<p>11.00 AM – 1.00 PM</p>	<p style="text-align: center;">BREAK OUT ROOM 4</p> <p style="text-align: center;">EDUCATION IN EMERGENCIES AND PEACE EDUCATION</p> <p style="text-align: center;">CHAIRPERSON: DR. LOICE GICHUHI</p> <p style="text-align: center;">RAPPORTEUR:</p> <ol style="list-style-type: none"> 1. Reimaging of Basic Education; Remedy for Catalyzing Change for Inclusion and Access during Pandemics. <i>By Dr. Areba George Ngwacho,</i> 2. Influence of planning for disasters and emergencies by boards of management on compliance with safety standards in public boarding secondary schools in Embu County, Kenya. <i>Grace Wairimu Ndung, Jeremiah M. Kalai, Petronilla M. Kingi,</i> 3. Systematic education challenges facing refugees' children in Urban Centers in Kenya. <i>Monari Kennedy, Loise Gichuhi, Jeremiah Kalai</i> 4. The application of Socratic Method in virtual learning of Biology in secondary schools in Kenya: A prescriptive philosophical analysis for education in times of emergencies. <i>Maxwell Omondi Juma, Atieno Kili K' Odhiambo, Joseph Mwinzi Munyoki</i> 5. COVID -19 Disruptions and Business Sustainability: The Case of Private Schools in Kenya. <i>Isaac Muasya</i> 6. Institutional factors influencing quality learning in public primary schools in conflict affected areas of Kibish sub-county, Turkana County Kenya. <i>By Ngigi, J. Imonje, R., and Khatate, I.</i>
<p>11.00 AM – 1.00 PM</p>	<p style="text-align: center;">BREAK OUT ROOM 5</p> <p style="text-align: center;">SPORTS AND PHYSICAL EDUCATION FOR SUSTAINABLE DEVELOPMENT</p> <p style="text-align: center;">CHAIRPERSON: DR. MICHAEL OTIENO</p> <p style="text-align: center;">RAPPORTEUR:</p> <ol style="list-style-type: none"> 1. Performance of teams under physical education tutors in comparison to teams under sports coaches at secondary school games. <i>By Penninah Kabenge</i> 2. Social Factors Influencing First Year Students' Attitude Towards Studying Physical Education at the University of Nairobi. <i>By Antony Nbita Simiyu, Dr. Janet Wanjira & Dr. Michael Otieno</i> 3. The Quality of Teachers Teaching Quality Physical Education to Learners with Visual Disability in Competency Based Curriculum in Kenya. <i>By Rose Jakinda, Dr. Simon Munayi & Dr. Janet Chumba</i> 4. Determinants and Prevalence of Drug Abuse Among Athletes in Selected University Competitive Sports in Kenya. <i>By Ramara Timothy, Dr. Simon Munayi, Dr. Nicolas Bailasha & Dr. Janet Chumba</i> 5. Assessment of Governance Principles among National Sports Federations in Kenya. <i>By Okech, S.O</i>

	6. The Impact of Sport Scholarships on Students Success in University Education from Selected Universities in Kenya. <i>By: Michubu Jonah Karwamba, Dr. Simon Munayi & Dr. Nganga Ngata</i>	
11.00 AM – 1.00 PM	<p style="text-align: center;">BREAK OUT ROOM 6 YOUTH, ADULT AND LIFELONG LEARNING CHAIRPERSON (s): DR. JOYCE OTIENO & DR. NAOMI MWANGI RAPPORTEUR:</p> <ol style="list-style-type: none"> 1. Mobile Technology, Farmer Education and Performance of Agricultural Projects: A Case of the Digital Farm Sunflower Project in Makeni County, Kenya. <i>By Ronoh Juliet Jelimo, Gatotoh, Augustine Mwangi</i> 2. Impact of Short Courses on Beneficiary Growth and Development. By Raphael.O. Nyonje; & Anthony Ndugu 3. E-Consumer Services on Teaching and Learning in Adult and Community Education. <i>By Anastasia N. Gakuru</i> 4. Impact of practicum experiences on learners’ readiness for career growth in adult education and community development in Kenya: the case of bachelor of adult education and community development of the University of Nairobi. <i>By Naomi Mwangi and Ann Nderitu</i> 5. Reconfiguring Literacy Programs in Kenya for National Development. <i>By Spourtinah Moraa Nyamweya</i> 6. Lifelong learning. <i>by Matula Daizy Phylisters and Indara Akoyo</i> 	
1.00 PM – 2.00 PM: HEALTH BREAK		
2.00PM - 2:30pm	KEYNOTE SPEAKER 3: Professor Rebecca Ferguson Topic: Innovative Pedagogies that are Appropriate for Emerging and Low IT Resourced Contexts	Moderator: <i>Dr. Simon Munayi</i>
2.30 – 4.30	<p style="text-align: center;">BREAK OUT ROOM 1 REFOCUSING EDUCATION TO 21ST CENTURY CHAIRPERSONS: DR. LILIAN OMUTOKO & DR. JOSEPH MWINZI RAPPORTEUR:</p> <ol style="list-style-type: none"> 1. Teaching in a technologically enhanced class – Case of University of Botswana. By P. Sekonopo &, R. Moalosi 2. Principals’ Involvement of Students In Decision Making in Relation to Reported Discipline Cases in Public Secondary Schools in Kitui County, Kenya. By Annie Kasau, Ursulla Okoth, Jeremiah M. Kalai, & Gerald Kimani 3. A Systematic Review on the Correlation between using Video Games as Instructional Strategies to Increase Academic Success among Learners in Secondary Schools in Kenya. By Jean Murigu 4. Management of Students’ Welfare in Secondary Schools in Kenya: Does Involvement of Learners make a Difference? Dr. Kagendo Dinah Alexander and Prof. Dorothy Ndunge Kyalo 5. Refocusing Education in the 21st Century: <i>Matula Daizy Phylisters and Inyambukhu Dickson Lukhovi</i> 	

	<p>6. Influence of Teacher Motivation on Implementation of Grade 1 to 4 Mathematics in Rachuonyo East Sub-County. <i>By Elly Odhiambo Okongo, Rosemary Imonje & Mercy Mugambi</i></p>
<p>2.30 – 4.30</p>	<p style="text-align: center;">BREAK OUT ROOM 2 TRANSFORMATIVE AND ANDRAGOGICAL PRACTICES DR. ALICE MASESE & DR. JULIET MUASYA RAPPORTEUR:</p> <ol style="list-style-type: none"> 1. Twenty first Century Teaching and Learning - Kenya’s Competency Based Curriculum nexus. <i>By Edna Adhiambo Omune</i> 2. Principals’ Transformational Leadership Strategies and Retention of Learners in Malindi Sub-County Public Secondary Schools, Kenya. <i>By Sr. Caroline Mueni Mwangangi</i> 3. Perception of University Administrators on Efficacy of Student Leaders in Managing Student Affairs in Public Universities in Kenya. <i>By Murage Lucy Muthoni</i> 4. Effect of Facebook Social Networking Platform Learner-Interface Interactions on Academic Achievement in Computer Programming Among Learners in Public Secondary Schools, Nairobi City County, Kenya. <i>By Peter Kyalo Mulwa, Prof. Jane Ciumwari Gatumu, Dr. Evanson Muriuki Muriithi, Dr. Samuel Owino Mwanda</i> 5. Gender Influence on Learners’ Academic Achievement in Physics in Public Secondary Schools in Elgeyo-Marakwet County. <i>By Alex Ali Kusimba, Evanson M. Muriithi & Ruth M. Kahiga</i> 6. Online learning amid Covid 19 pandemic: An analysis of availability of resources for accessing mathematics online learning for high school in Manzini region, Eswatini. <i>By Nothando Shabangu, Evanson Muriithi, & Ruth M. Kahiga</i>
<p>2.30 – 4.30 P.M</p>	<p style="text-align: center;">BREAK OUT ROOM 3: TEACHER PROFESSION AND DEVELOPMENT CHAIRPERSON: MR. FEDNARD MBECHÉ RAPPORTEUR:</p> <ol style="list-style-type: none"> 1. Influence of teachers' working conditions on job satisfaction in public primary schools in Nandi County, Kenya. <i>By Paul Tirop Arusei, Ursulla Okoth and Susan Chepkonga</i> 2. Influence of teacher motivation on implementation of grade 1 to 4 mathematics in Rachuonyo East Sub-county. <i>By Elly Odhiambo Okongo, Rosemary Imonje, Mercy Mugambi</i> 3. Influence of Principals’ Provision of Incentives on Tutors’ Job Commitment in Primary Teachers Training Colleges in Eastern Region Kenya. <i>By Ken Kelvin Kimathi Mbaka</i> 4. Principals Related Factors Influencing Academic Performance in Public Secondary Schools in Mbeere South Sub-County, Embu County, Kenya. <i>By Martha Mwingi Njeru. Ursulla Okoth and Edward Kanori</i> 5. Perception of University Administrators on Efficacy of Student Leaders in Managing Student Affairs in Public Universities in Kenya. <i>By Murage Lucy Muthoni</i>

	<ol style="list-style-type: none"> 6. Principals' transformational leadership strategies and retention of learners in 21 st century in Malindi sub-county public secondary schools, Kenya. <i>Sr. Caroline Mueni Mwangangi</i> 7. Principal involvement of students in decision making and discipline in public secondary schools in Baringo county, Kenya. <i>By Salina, Kaliny, J Kalai, Ursula Okoth</i>
<p>2.30 – 4.30 P.M</p>	<p style="text-align: center;">BREAK OUT ROOM 4: EQUITY, QUALITY, AND INCLUSIVE EDUCATION CHAIRPERSON: DR. LOICE GICHUHI RAPPORTEUR:</p> <ol style="list-style-type: none"> 1. Presentation Technique and Quality of Business Studies Core Textbook in Secondary Schools in Kenya. <i>By Sarah Getahun Bekele, Paul Odundo Amollo, John Kamau Mwangi & Ganira Khavugwi Lilian</i> 2. Target Setting and Students' Academic Performance in National Examinations in Public Secondary Schools in Gatanga Sub-County, Kenya. <i>By Boniface O. Tinega, Raphael Nyonje & Reuben Mutegi</i> 3. Early Motherhood and Re-Entry to education: A conceptual advocacy study for equal participation. <i>By Ruth Wanza Mutuku, Dorothy Ndunge Kyalo, & John Mwaura Mbugua</i> 4. Influence of the Implementation of Free Tuition Secondary Education Policy on Quality of Education in Public Secondary Schools in Kinango Sub-County, Kwale County, Kenys. <i>By Juma Mzungu Ngala, Prof.Ursulla Akoth, & Prof. Genevieve Wanjala</i> 5. Modeling Factors Affecting Absenteeism Among Undergraduate Students Using Poisson Regression Model. <i>By J.K. Koech, L, Siele, B. N. Aloo, & W. Maiyo,</i> 6. Equity, quality and inclusive education-professional synergy for quality education. <i>By Akama, E. and Matula, P.</i> 7. Influence of socio-economic factors on pupils' transition rate to secondary schools in Kibra sub-county, Nairobi city county, Kenya. <i>By Ferdinand Mbeche, Ong'anyo Miriam Viluti and Andrew Riechi</i>
<p>2.30 – 4.30 P.M</p>	<p style="text-align: center;">BREAK OUT ROOM 5: SPORTS AND PHYSICAL EDUCATION FOR SUSTAINABLE DEVELOPMENT CHAIRPERSON: DR. MICHAEL OTIENO RAPPORTEUR:</p> <ol style="list-style-type: none"> 1. Anthropometric Characteristics of Elite Male Rugby Players at the Rio and Tokyo Summer Olympic Games: A systematic review. <i>By Michael D. Otieno</i> 2. Assessment of Challenges Affecting Participation of Female Tennis players in Kenyan Universities. <i>By Ochieng, G. A.</i> 3. The Role of Women Captains in Promotion of Positive Life Skills Among University Netball Teams. <i>By Ochieng, G. A., & Okech, S.O</i>

	<p>4. The Challenges that affect the Performance of Elite Athletes in Kenya in World Championships. <i>By Muchai A.M, Mburu P.W. & Muriuki. S W.</i></p> <p>5. The Challenges that affect the Performance of Elite Athletes in Kenya in World Championships. <i>By Muchai A.M, Mburu P.W. & Muriuki. S W.</i></p> <p>6. Assessment of solid waste management in the FKF premier league games, <i>By Francis Waweru</i></p>
2.30 – 4.30 P.M	<p style="text-align: center;">BREAK OUT ROOM 6: EQUITY, QUALITY AND INCLUSIVE EDUCATION CHAIRPERSON: DR. SIMON MUNAYI RAPPORTEUR:</p> <ol style="list-style-type: none"> 1. Presentation Technique and Quality of Business Studies Core Textbook in Secondary Schools in Kenya. <i>By Sarah Getahun Bekele, Paul Odundo Amollo, John Kamau Mwangi & Ganira Khavugwi Lilian</i> 2. Target Setting and Students’ Academic Performance in National Examinations in Public Secondary Schools in Gatanga Sub-County, Kenya. <i>By Boniface O. Tinega, Raphael Nyonje & Reuben Mutegi</i> 3. Early Motherhood and Re-Entry to education: A conceptual advocacy study for equal participation. <i>By Ruth Wanza Mutuku, Dorothy Ndunge Kyalo, & John Mwaura Mbugua</i> 4. Influence of the Implementation of Free Tuition Secondary Education Policy on Quality of Education in Public Secondary Schools in Kinango Sub-County, Kwale County, Kenys. <i>By Juma Mzungu Ngala, Prof.Ursulla Akoth, & Prof. Genevieve Wanjala</i> 5. Modeling Factors Affecting Absenteeism Among Undergraduate Students Using Poisson Regression Model. <i>By J.K. Koech, L. Siele, B. N. Aloo, & W. Maiyo</i>

DAY TWO: OCTOBER 27, 2022

TIME	Activity	SUB-THEME	
9.00 – 10.00 A.M	Plenary	<p>KEYNOTE SPEAKER 4: MR. ENOS KIFORO Topic: Transformative Learning Through the Use of Technology</p> <p>Panel Discussion</p>	<p>MODARATO R Dr. Juliet muasya</p>
10.00 AM – 10.20 AM: HEALTH BREAK			
10.20 AM – 1.00PM		<p style="text-align: center;">BREAK OUT ROOM 1 REFOCUSING EDUCATION TO 21ST CENTURY CHAIRPERSONS: DR. LILIAN OMUTOKO & DR. JOSEPH MWINZI RAPPORTEUR:</p> <ol style="list-style-type: none"> 1. School Data Management System on School Management in Rwanda. <i>By Theogene Hashakimana</i> 2. Rebranding Kiswahili Teacher Training in Higher Education for the 21st Century. <i>By Mugusha, A, Walibwa, M and Betty Ezati.</i> 3. Home Environment and Utilization of English Language in Public Day Secondary Schools in Bunyala Sub-county, Busia, Kenya. <i>By Dr. Selina A. Kulo, Paul A. Odundo</i> 	

	<ol style="list-style-type: none"> 4. A critical analysis of 21 st students learning outcomes for Sustainable development in Kenyan Universities. <i>By Anne Wanjiku Muiru</i> 5. Refocusing Education in the 21 ST Century- Intensifying Career Guidance in Education for the Future of work. <i>By Evelyn Edith and Daizy Matula</i> 6. Influence of teachers’ level of ict literacy on integration of information communication technology in teaching of geography in secondary schools in Rachuonyo south sub-county, Kenya. <i>By Otieno Fredrick Ojwang, Rosemary Imonje, Mercy Mugambi</i> 7. Community service as a vehicle for Competency Based Curriculum in Kenya. <i>By Mercy Mugambi and Susan Chepkonga</i>
<p>10.20 AM – 1.00PM</p>	<p style="text-align: center;">BREAK OUT ROOM 2: TRANSFORMATIVE AND ANDRAGOGICAL PRACTICES CHAIRPERSON: DR. ALICE MASESE & DR. JULIET MUASYA RAPPORTEUR:</p> <ol style="list-style-type: none"> 1. Influence of Blended Play Based Teaching on Preschool Learners’ Reading Skills Achievement in Bureti Subcounty, Kericho County, Kenya. <i>By Ketwony Rosko, Ruth Mugo Kahiga & John Thiong’o</i> 2. Asynchronous Teaching and Learning: Opportunities and Challenges during and beyond COVID19-Pandemic. <i>By GATOTOH, Augustine Mwangi & RAPHAEL.O. Nyonje</i> 3. Cooperative Learning Method in the Lens of the Learner! Pre-School Learners Attitude towards Cooperative Learning Method and their Competences Acquisition in Mathematical Concepts in Kirinyaga County, Kenya. <i>By Kamau Bonface, Prof Jane. C. Gatumu, Dr. E. Muriithi, Dr. R. Kahiga;</i> 4. A Systematic Review on the Correlation between using Video Games as Instructional Strategies to Increase Academic Success among Learners in Secondary Schools in Kenya <i>by Jean Murigu</i> 5. Enablers of Learner-Centered Practice in Mathematics Lessons. <i>By Mary W. Sichangi</i> 6. Effect of availability of resources for accessing online learning on academic achievement in mathematics of high school learners in Manzini Region, Eswatini. Nothando Shabangu, <i>By Ruth W. M. Kahiga, Evanson Muriithi</i>
<p>10.20 AM – 1.00PM</p>	<p style="text-align: center;">BREAK OUT ROOM 3: FINANCING OF EDUCATION CHAIRPERSON: MR. FEDNARD MBECHÉ RAPPORTEUR:</p> <ol style="list-style-type: none"> 1. Effect of Availability of Resources for Accessing Online Learning on High School Learners’ Academic Achievement in Mathematics in Manzini Region, Eswatini. <i>By Nothando Shabangu, Evanson Muriithi, & Ruth M. Kahiga</i> 2. Adequacy of Financial Support Available for Undergraduate Students in Public Universities in Kenya: An analysis of Undergraduate Students with Disabilities enrolled in Kenyatta University. <i>By Chepkorir Judith, & Dr. Beatrice B. Awori</i> 3. Making Public Universities Financially Sustainable through the Use of Private Capital Markets in Kenya. <i>By Samuel O. Onyuma</i>

	<ol style="list-style-type: none"> 4. Leveraging Revenue Generation in African Universities: Entrepreneurship Option. By Stella-Maris Kamanzi 5. Analysis of the Contribution of free day Tuition on Completion rates in Public Secondary Schools in Mvita Sub County, Kenya. By Kinaro Asa, Ferdinand Mbeche, & Riechi 6. The need for revenue diversification in Kenya’s public universities: Innovative ways of generating additional funding for institutional sustainability. Andrew R. O. Riechi
<p>10.20 AM – 1.00PM</p>	<p style="text-align: center;">BREAK OUT ROOM 4: SPORTS AND PHYSICAL EDUCATION FOR SUSTAINABLE DEVELOPMENT CHAIRPERSON: DR. MICHAEL OTIENO RAPPORTEUR:</p> <ol style="list-style-type: none"> 1. Correlation between Martial Arts and Self-Efficacy among Students in Secondary School in Kenya. <i>By Kelvin Njoroge</i> 2. Impact of Large Sports Festivals on Social and Economic Development: A Case of Kenya University Sports Festivals. <i>By Oketch S.O</i> 3. Perceptions of Third Year Physical Education Students on Teaching Practice Supervision in Kenya. <i>By Dr Simon Munayi</i> 4. Strengthening Physical Activity and Education Programmes for Promotion of Youth Participation and Excellence in Sports in Kenya. <i>By Andrew Maru</i> 5. Kenya Collegiate Athletes Personnel Knowledge of Anti-doping regulations. <i>By Janet Kamenju, Isaack Muasya, Jane Gatumu</i> 6. The Influence of Social Capital on Career Success for PE Graduates of CEES. <i>By Okech S.O</i>
<p>10.20 AM – 1.00PM</p>	<p style="text-align: center;">BREAK OUT ROOM 5: TRANSFORMATIVE AND ANDRAGOGICAL PRACTICES CHAIRPERSON: DR. ALICE MASESE & DR. JULIET MUASYA RAPPORTEUR:</p> <ol style="list-style-type: none"> 1. Influence of CRE instructional resources on a student's academic performance. <i>By Nelly M. Sayiore, Gatumu, J. and Muasya, J.</i> 2. Head teachers’ provision of teaching and learning resources and acquisition of values through CRE in Manyatta Sub- County, Embu County. <i>By Wilfred N. Kathuri, J. Gatumu, T. Maonga and J. Muasya Francis Katumo Nzoka</i> 3. Instructional Materials and Development of Numeracy Skills among Pre-primary School Children in Lugari Sub-County, Kakamega County, Kenya. <i>By Anyango Beatrice Lugongo, Juliet N. Muasya and Evanson Mureithi</i> 4. Influence of reflective observation on value acquisition through christian religious education activities among learners in pre-primary schools, Ainamoi constituency, Kericho County. <i>By Barnabas Kipkoeh Kirui, Juliet Muasya and Ganira Lilian</i> 5. Postmodern trends for education transformation and sustainable development. <i>By Edna Adhiambo Omune</i> 6. Influence of Classroom Physical Environment on Students’ Performance in English in Public Secondary Schools in Makindu Sub-County, Makueni

	County, Kenya. <i>By Sherry Makeba Wawire, Dr. Rosemary Imonje & Dr. Mercy Mugambi</i>	
1.00PM - 2.00PM	HEALTH BREAK	
2.00P. M – 3.00 PM	CLOSING CEREMONY Speeches <ol style="list-style-type: none"> 1. Conference chairman 2. Associate Dean FeD 3. Dean FeD 4. AVC Research Innovation and Enterprise (RIE) 	Conference Chairman Prof. Raphael Nyonje
3.00 PM	END OF THE CONFERENCE	