CURRICULUM VITAE



CONTACT INFORMATION	
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	Machakos, KENYA.
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	pkkoech2001@yahoo.com or
	pkkoech2001@gmail.com

OCCUPATION

- Senior Lecturer in Early Childhood Education •
- Research Consultant in pedagogical issues in Early Childhood Education •
- Curriculum Development consultant in Early years of Education. •

INTEREST AREAS OF RESEARCH

- ICT in ECDE; •
- Early Literacy and Numeracy; Curriculum development; •
- •
- Assessment and Evaluation; •
- Parent-teacher partnerships; •
- •
- Pedagogy and Andragogy; Communication and Technology. •

TEACHING EXPERIENCE AT THE UNIVERSITY

- Senior lecturer - May 2016- Present •
- Lecturer - 2010- 2016 •
- Tutorial Fellow - 2006- 2010 •
- Part-time Lecturer - 2004- 2006 •

EDUCATIONAL BACKROUND

July 2006- July 2010:	KENYATTA UNIVERSITY, Nairobi, (Kenya):
	Doctor of Philosophy (PhD) in Early Childhood Studies
2001-2003:	UNIVERSITY OF NORTHERN IOWA, Cedar Falls (USA)
	Master of Arts in Education (Early Childhood Education)
1991-1993:	MOI UNIVERSITY, Eldoret, Kenya
	Bachelor of Education (Arts) (BED) 2nd class honors. (Geography &
	Religion)
1988- 1989:	Kapsabet Boys High school, Kapsabet, Kenya.
	(Kenya Advanced Certificate of Education (KACE).
	3 Principals & I Subsidiary (CRE, Geography, History & General Paper)
1984- 1987:	Kipsangui Sec. School, Eldoret, Kenya.
	(Kenya Certificate of Education (KCE). Division 1.
1976- 1983:	Tuiyo Primary School , Eldoret, Kenya, Certificate of Primary Education (CPE)

EMPLOYMENT HISTORY

20 th August, 2020- Present
Director, Open, Distance and E-learning, Machakos University
Duties and Responsibilities

Organize initiatives for online programs and identify trends in online learning

- Work with faculty and administrative professionals in various departments to integrate distance learning options across all degree programs, and provide training for online instructors
- Develop distance learning policies and best practices in conjunction with departmental directors
- Assess and analyze current online programs, and find ways to streamline and optimize processes
- Work to give students a smooth application process and build strong retention and completion rates
- Coordinate instructional design with an understanding of best practices for distance learning
- Advise faculty on universal design and accessibility
- Work with other institutional departments to support instructors delivering online coursework from the planning to the assessment phase
- Work with marketing to expand the reach of online programs and generate increasing enrollment numbers

15th September 2016-August, 2020

Chairman, Educational Communication & Technology and Early Childhood Education, Machakos University

Duties and Responsibilities

Lead the department faculty in its development of policies on such matters as academic requirements, courses of study, class schedules, graduate and research programs, and service functions.

- i. The chair presides at all department meetings, except as the chair may delegate this function, and is an ex officio member of all department committees.
- ii. Has administrative responsibility for implementing the department's policies and programs
- iii. Responsible for recommendations on the appointment of new faculty members of the department, promotions, reappointments, terminal appointments, post-retirement appointments, the granting of tenure, and decisions not to reappoint.
- iv. Responsible for the periodic evaluation of department members by procedures and criteria established by the University, the college, and the department faculty;
- v. Submitting the budget request for the department and administers the budget after its approval; and for making recommendations on salaries, salary changes, and distribution of effort.
- vi. Deal with any matters that may be delegated form time to time by the Dean of the school of education.

3rd May 2016- Present

SENIOR LECTURER DEPARTMENT OF EARLY CHILDHOOD EDUCATION MACHAKOS UNIVERSITY Duties and Responsibilities

Teaching, setting examinations, invigilation, marking and moderation. Any other duties assigned by the chairperson.

Jan-2014- March 2019 CHAIR, UASIN GISHU COUNTY EDUCATION BOARD Duties and responsibilities

- i) oversee in consultation with the county government, the operation and management of youth polytechnics, pre-primary education including early childhood care and education programmes in the county;
- ii) coordinate and monitor education and training in the County on behalf of the national government and the county government;
- iii) interpret national policies in education based on the county's needs;
- iv) initiate proposals for policy reforms;

- v) plan, promote, develop, and coordinate education, training and research in the county in accordance with the provisions of this Act, the national education policy and the laws and policies of the county government;
- vi) collaborate with the Board of Management, the Principal, the Head Teacher, and other appropriate authorities in the management of basic schools;
- vii)register and maintain a data bank of all education and training institutions within the county;
- viii) monitor curriculum implementation in basic education in the county;
- ix)) monitor the conduct of examinations and assessments at the basic education and training levels in the county in collaboration with all the relevant national bodies;
- x) collaborate with the Teachers Service Commission on teacher management within the county;
- xi) prepare and submit a comprehensive school termly annual report including Educational
- xii) coordinate with all relevant agencies to ensure that all the barriers to the right to quality education are removed and with National Government to facilitate realization of the right to education within the county;
- xiii) put measures in place to ensure all children and youth of school going age within the county attend and stay in to complete basic education.
- xiv) perform such other functions as may be necessary for the better carrying out of the functions of the county education board under this Act or any other written law.

2nd January 2015- 2nd January 2016 REGISTRAR, SCHOOL OF EDUCATION (MOUNT KENYA UNIVERSITY)

Duties and Responsibilities of Registrar, School of Education

- 1. Providing effective administrative support to teaching, learning, examinations and research in the school.
- 2. Providing effective administrative support to the processes of student admission, registration and fast-trucking credit transfer in the school.
- 3. Supporting academic progress of students by maintaining accurate student's records and fast-trucking credit transfer of uploading of marks in the Management Information System.
- 4. Overseeing keeping records of course unit allocation to faculty and ensuring compliance with workload policy.
- 5. Monitoring student unit load and lecture attendance.
- 6. Serving as a custodian of academic regulations, rules and procedures.
- 7. Liaising with the University time-tabler on matters related to preparation of teaching and examination timetables.
- 8. Liaising with relevant campus officers on matters related to ensuring standardization of course content delivery.
- 9. Coordinating matters related to business development and marketing activities in the School and advising the Dean of the School on the same.
- 10. Coordinating activities of administrative staff in the School.

- 11. Mainstreaming the use of Management Information System in the School.
- 12. Coordinating matters related to procurement and fee collection
- 13. Coordinating and managing students' field trips and attachments, and maintaining proper records.
- 14. Ensuring the smooth functioning of the School Board and its sub-committees.
- 15. Preparing agenda and agenda documents for school meetings.
- 16. Serving as a secretary to the School Academic Board.
- 17. Fast-tracking the implementation recommendation of Senate and School Board.
- 18. Advising the Dean of the School on matters related to teaching resources.
- 19. Budgeting and implementing school budgets as well as being the accounting officer of the University funds being expended in the school.
- 20. Ensuring effective planning and monitoring of all school academic, research, consultancy and outreach activities.
- 21. Ensuring prudent management and utilization of resources in the School.
- 22. Liasing with the Director, Institutional Planning Matters related to planning in the School.
- 23. Coordinating and controlling visits to and from campuses.
- 24. Performing any other duty that may be assigned to you from time to time by the Dean of the School.

2nd January, 2014- 2nd January 2015 ASSOCIATE DEAN, SCHOOL OF EDUCATION (MOUNT KENYA UNIVERSITY)

Duties and Responsibilities

- 1. Advise the Dean of school on administrative and academic matters.
- 2. Co-ordinate certificate, diploma and undergraduate programmes in school
- 3. Enforce compliance with regulations governing certificate, diploma and undergraduate training
- 4. Oversee periodic review of regulations governing training in the school
- 5. Oversee enforcement of examination guidelines and fee payment policy
- 6. Ensure effective implementation of the mentorship and academic advisory programmes in the school.
- 7. Oversee monitoring appraising and evaluate teaching in the school.
- 8. Oversee planning and organization of seminars, workshops and conferences in the school
- 9. Provide regular reports to the Dean of the school.
- 10. Maintain a register of all students and staff in the school.
- 11. Coordinate all matters related to the school publications and collation of information for posting on the university Website on a monthly basis.
- 12. Oversee implementation of regulations and guidelines governing post graduate training in the school.
- 13. Co-ordinate matters relating to Postgraduate programmes in the school.
- 14. Ensure and maintain an environment that nurtures excellence and high standards of professionalism in teaching, research and service provision in the school.
- 15. Chair the school Postgraduate Committee.

- 16. Ensure quality teaching and learning processes in the school.
- 17. Ensure compliance with the university quality assurance system.
- 18. Serve as the chairman of the school Curriculum Committee.
- 19. Coordinate mentorship matters related to mentorship and academic advisory in the school.
- 20. Deal with any matters that may be delegated form time to time by the Dean of the school of education.

September 2013- 2nd January 2014 HOD, EARLY CHILDHOOD STUDIES DEPARTMENT (MOUNT KENYA UNIVERSITY)

Duties and Responsibilities

- i) Lead the department faculty in its development of policies on such matters as academic requirements, courses of study, class schedules, graduate and research programs, and service functions.
- ii) The chair presides at all department meetings, except as the chair may delegate this function, and is an ex officio member of all department committees.
- iii) Has administrative responsibility for implementing the department's policies and programs
- iv) Responsible for recommendations on the appointment of new faculty members of the department, promotions, reappointments, terminal appointments, post-retirement appointments, the granting of tenure, and decisions not to reappoint.
- v) Responsible for the periodic evaluation of department members by procedures and criteria established by the University, the college, and the department faculty;
- vi) Submitting the budget request for the department and administers the budget after its approval; and for making recommendations on salaries, salary changes, and distribution of effort.
- vii) Deal with any matters that may be delegated form time to time by the Dean of the school of education.

August 2010- October 2012
LECTURER
Kenyatta University- Department of Early Childhood Studies.

Teaching, setting examinations, invigilation, marking and moderation. Any other duties assigned by the chairperson.

JAN. 2006 - August 2010
TUTORIAL FELLOW
Kenyatta University - Department of Early Childhood Studies.

Teaching, setting examinations, invigilation, marking and moderation. Any other duties assigned by the chairperson.

PART-TIME LECTURER

Jan 2005- January 2006, Kenyatta University, Department of Early Childhood Studies.

PART-TIME LECTURER

February 2004- December 2004 Moi University, Department of Early Childhood Studies.

COMPUTER SKILLS

- Computer literate: Good knowledge of Word, Excel, e-mail and the internet
- E-learning training skills. Students and Lecturer trainer at Kenyatta University (2010-2012)

TEACHER

Jan 2005-Jan 2006: St. Joseph High School-Githunguri

Responsibilities

• Teaching Geography & Christian Religious Education (CRE)

PART-TIME TEACHING

2010-2012: Presbyterian University of East Africa

Department of Early Childhood studies

Responsibilities

• Teaching, setting examinations, invigilation; marking and moderation. Any other duties assigned by the chairperson

Jan 2005- March 2006: Kenyatta University

Department of Early Childhood studies

Responsibilities

• Teaching, setting examinations, invigilation, marking and moderation. Any other duties assigned by the chairperson

May 2004- Jan 2005: Moi University

Department of Early Childhood & Primary Education

Responsibilities

• Teaching, setting examinations, invigilation; marking and moderation. Any other duties assigned by the chairperson

SUBSTITUTE TEACHER

2002-203: Freeburg Center for Early Childhood Education- University of Northern Iowa (USA)

Responsibilities

• Teaching, marking teaching learning materials etc. Any other duties assigned by the chairperson

GRADUATE ASSISTANT

2002 -2003: University of Northern Iowa (USA) Department of Early Childhood Education

Department of Early Childhood Educ

Responsibilities

- . Teaching 02-08-year-old children
- . Teaching undergraduate students
- . Making teaching and instructional materials.
- . Researching on the World Wide Web
- . Established and run a parent teacher library

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DEPUTY HEADMASTER

1998-2001: Ndalat Gaa Girls

Responsibilities

• In charge of general administrative duties and day-today smooth running of teaching programmes and discipline issues of students

ASSISTANT TEACHER

1995-1997: Ndalat Gaa Girls

Duties and Responsibilities

- Teaching Geography & Christian Religious Education (CRE)
- Patron of Christian union (CU)
- Patron of wildlife club

PRESIDING OFFICER

Oct - Dec 1997: Kenya Electoral Commission:

Responsibilities

• Officer in-charge of Ng'aniat polling station in Uasin Gishu district. Supervised the voting and counting of votes

KENYA NATIONAL EXAMINATION COUNCIL SUPERVISOR

• 1997/1998: Supervisor of KCSE examination at Laboret sec school & Ndalat mission Sec.School

COURSES/SEMINARS/WORKSHOPS

- 2003 : Summer Institute on Constructivist Education Seminar, Cedar falls, Iowa (USA)
- 2006 : Codesria Seminar on Scholarly Writing, Kenyatta University, Nairobi.
- 2007: E-learning seminar, Kenyatta University, Nairobi.
- 2007: Seminar on writing Proposal for Funding, Kenya Utalii College, Nairobi.
- 2009: Early Childhood East and Central Africa Conferences, KU, Nairobi
- 2010: Workshop on Post Graduate Supervision, Kenyatta University, Nairobi
- 2010: Seminar on Intellectual Property Rights (IPR) Kenyatta University, Nairobi
- 2010: Conference on the Talented and Gifted, Kenyatta University, Nairobi
- 2012: The 20th Reconceptualising Early Childhood Education Conference Reconceptualizing the field: Past, Present, and Future, KU, Nairobi.
- 2013: Seminar on child Teaching strategies, Riara University, Nairobi
- 2013: Seminar on Pedagogical Skills in Higher Education Teaching and Learning, Mount. Kenya University, Thika.
- 2014: Curriculum Review Workshop, SACDEP, Thika

MOST RECENT ATTENDANCE AT CONFERENCES, WORKSHOPS AND SEMINARS

2016: Conference on politics & education in the 21st century: impacts and the way forward, September,2016

- 2017: Serek conference on Education. September, 2017
- 2017: Seminar on Pedagogical Skills in Higher Education Teaching and Learning, Machakos University, Machakos
- 2018: Machakos University International Conference 2018. Machakos University.
- 2018: Resource Mobilization and Grant Writing Course. Machakos University
- 2018: Workshop on Tutors Training in Pedagogy and Administrative Roles. Baraton College. Eldoret
- 2019: Machakos University International Conference 2019. Machakos University.
- 21st August, 2020: The International Multidisciplinary Research Conference in Business, Education, Science and Technology 5TH SERIES THEME Stimulating and Supporting Innovations in Health, Business, Education, Science and Green Technologies Programme. Lukenya University, Makueni County.
- December 28, 2020: National level e- Short Term Training program during December 28, 2020 to January 2, 2021 on "Developing MOOCs: Need of an Hour", jointly organized by Google classroom & Moodle cell and Department of Electronics & Communication Engineering, Parul Institute of Technology, Faculty of Engineering & Technology, Parul University, Vadodara (Gujarat), India.
- July-October 2021: Skills for Prosperity Kenya: Digital Education for Universities. Open University of UK

SNO.	Name of Committee	Appointing Authority	Date	Role
1	Teaching Practice Committee, Machakos University	DVC (ASA)	2016	Member
2	Curriculum Development committee, SOE Machakos University	DVC (ASA)	2017	Member
3	Postgraduate Committee, SOE, Machakos University	DVC (ASA)	2017	Member
4	Committee for the establishment of the Centre for Pedagogy and Andragogy	VC	2018	Member
5	University Security, Machakos University	VC	2018	Member
6	Shortlisting Committee for academic Staff (Professor, associate professor, senior Lecturer) in the school of education.	VC	2018	Member
	University-wide common units review sub-committee	DVC (ASA)		
6	1 st International Conference Committee, Machakos University	DCV (RIL)	2018	Member
7	2 nd Graduation Committee, Machakos University	DCV (RIL)	2019	Member
	Shortlisting Committee for Post of Senior Legal officer grade 12	VC	2019	Member
	Shortlisting Committee for senior lecturers grade 13, lecturers grade 12 and tutorial fellows grade 11	VC		
8	Machakos University Committee for the establishment Digital School	DVC (ASA)	2019	Chairman
10	Machakos University ODEL Implementation Committee	DVC (ASA)	2020	Chairman
	Shortlisting Committee for	VC		

	lectures grade 12			
11	International Conference	DCV (RIL)	2021	Member
	Committee, Machakos			
	University			
12	Committee for Establishment of	DVC RIL	2021	Member
	Solar Assembly and			
	Manufacturing Plant			
13	Evaluation Committee of	VC	2022	Chairman
	Supply and Installation of Optic			
	Fiber			

Sno.	Programme	Action	Institution	Date
1	Bachelor of Science in Education	Review	Muranga University	2017
2	Bachelor of Arts in Education	Review	Muranga University	2017
3	Bachelor of Education In Early Childhood Education	Review	Muranga University	2017
4	Bachelor of Education In Early Childhood Education	Development/Review	Machakos University	2018
5	Master Of Education In Early Childhood Education	Development/ Review	Machakos University	2018
6	MasterofEducationEducationalCommunicationAnd Technology	Review	Machakos University	2018
7	PHDinEducationalCommunicationAndTechnology	Development/ Review	Machakos University	2018
	PHD in Early Childhood Education	Development	Machakos University	2018
8	Bachelor of Arts in Education	Development	Baraton College	2018
9	Bachelor of Arts in Education	Development	Baraton College	2018

POLICY DEVELOPMENT

Sno.	Policy	Appointing Authority	Date
1	Part-time teaching	DVC (ASA)	2019
2	Anti-plagiarism	DVC (RIL)	2018
3.	Odel policy	VC	2022
4.	Postgraduate Policy	VC	2022

EXTERNAL EXAMINATION

Sno.	RESPONSIBILITY	APPOINTING AUTHORITY	DATE
1	External Examiner	Maasai Mara University	2021
2	External Examiner	Chuka University	2022

INTE	INTERNAL AND EXTERNAL RESEARCH GRANTS				
Sno.	Title of Research	Nature of Funding	Funding Organization	Amount	
1.	INFLUENCE OF THE EARLY CHILDHOOD DEVELOPMENT POLICY IMPLEMENTATION ON THE QUALITY OF SERVICE DELIVERY IN PRE-SCHOOLS IN MURANG'A COUNTY, KENYA. KAMAU JOYCE MUTHONI, MOUNT KENYA UNIVERSITY.	PHD Student Grant 2017.	National Research Fund (NRF)	1,308,800	
2.	RELATIONSHIPBETWEENTEACHINGSDYNAMICSANDPUPILSTRANSITIONFROMPRIMARYSCHOOLSTOPRIMARYSCHOOLSININTHIKASUB-COUNTY,KIAMBUCOUNTY.MOUNTKENYAUNIVERSITY.SERAHWANGUKIOKO.	PHD Student Grant 2019.	National Research Fund (NRF)	Ksh. 866,538	
3.	Empowering Parents for Optimal Children's Learning Outcomes in Reading and Numeracy Skills: Developing a Needs Based Parental Training Guide	Research Grant 2020	Machakos University Research Grant	Ksh 700,000.	
4.	ESTABLISHMENT OF SOLAR	Solar Afric.	Development Grant	\$ 72,631.	

	ASSEMBLY AND MANUFACTURING PLANT. SOLAR AFRIC	2021		
5.	'Mitigating the Effects of Stigmatization on the mental of students and staff in Kenyan Universities due to digital exclusion'		Machakos University Research Grant	Ksh. 647,900
6				

PAPERS IN REFEREED JOURNALS FROM 2010- MAY 2016 1. Koech, P. K. (2014). Parents and teacher's roles in preschool children's education in Kenya. How can it be defined? Asia Pacific Journal of Sciences | Education, Arts and 2014. www.apjeas.apjmr.com Vol. 1, No. 4 | September 2. Njeru, W & Koech, P. K. (2014). A Critical Analysis of the Implementation of Children's Rights in Kenya. Educational Research International Vol. 3(6 December 2014). http://www.journals.savap.org.pk/ 3. Kamau, J & Koech, P. K. (2015). An evaluation of the role of Government in children Advocacy and its challenges in Kiambu county in Kenya. Research journali's journal of Education. Vol.3 No. 8 August/2015 ISSN 2347-82225 http://www.researchjournali.com/view.php?id=1942 4. Onjoro, V, Koech, P. K, Githui, M & Shinali, M.C (2014). QUALITY **EDUCATION** IN UNIVERSITY. International Journal of Education and Research Vol. 2 6 No. June 2014 5. Koech, P. K. & Njenga, P.N (2014). Changes in the Traditional African concept of the Child and Childhood: The Aftermath with reference to Kenya .lambert academic publishing press 6. Kang'ara, H. W, Koech, P. K. & Kariba, R. M (2014). An Investigation of Relationship between Parents' Social-Economic Status and Participation in Development of Early Programmes (ECDE) in Githunguri Kiambu, Kenya. Childhood Education and Development IOSR Journal of Humanities And Social Science (IOSR-JHSS) Volume 19, Issue 6, Ver. IV (Jun. 2014), PP 81-84 e-ISSN: 2279-0837, p-ISSN: 2279- 0845. www.iosrjournals.org 7. Shinali, M.C, Githui, M, & Koech, P. K (2014). Resources for Children with Visual Impairments in Integrated ECD Centers -MERC Global's International Journal of Social Science Vol 1 issue 3, October 2014, page 171-176 6 URL: http://www.mercglobal.org/ijssm-vol1-issue4.html 8. Kamau, B, Kamau, J, Kamau, M & Koech, P. K (2015). An Evaluation of the Effectiveness of the Community Support Grant (CSG) In Early Childhood Development & Education (ECDE) Centers in Embu West District, Kenya

 Kamau, B, Thinguri, R, Koech, P. K, & Ngaruiya, B. N. (2015). The Congruence between Teaching and Learning! Exploration of the Relationship between Preschool Teaching or Instructional Methods and Mathematics Performance in Lower Primary Schools in Kenya. *Journal of Education and Practice*, v6 n9 p85-93 2015 www.iosrjournals.org

SNO.	NO. PUBLICATIONS					
1	 Shinali, M.C, & Koech, P. K (2016). Assessing the Impacts of Parenting Styles on Academic Achievement in Early Childhood Education and Development in Narok South Sub-County, Kenya. International Journal of Research in Education and Social Science. Volume 1, Issue 2 (June 2016) ISSN: 2414- 8792 (Print), 2415-2528 (Online) Available at: www.ijress.com 	2.67				
2	Kang'ara, H. W, Koech, P. K & Ogogo, C. (2016). The Influence of Teaching Strategies on Preschool Learning in Kiambu West Sul County. Quest Journals. October 2016 ISSN(Online) Www.questjournals.org					
3	 Kang'ara, H. W, Koech, P. K & Ogogo, C. (2016). The impact of integration of Information Communication Technology (ICT) in the teaching of preschool children in Kiambu West Sub-County. Quest Journals Journal of Research in Humanities and Social Science. Volume 4 ~ Issue 10 August (2016) pp: 22-30 ISSN(Online) : 2321-9467 www.questjournals.org 					
4	Gitahi,M.W, Kamau, M. J, Mwaura, W.W, Thinguri,R & Koech, P. K (2017).An Investigation Of Parental Factor As A Determinant Of ChildTransitionReadiness From Pre-School To Primary School InRuiru, Kiambu CountyKenyaISSN:2223-9944, e9553www.savap.org.pk	0.53				
5	 Wanjira, G.J. & Koech, P. K (2017). Assessment of the Impact of Early Childhood Development Capitation on Ecde Programme in Kenya: A Case of Kirinyaga East Sub County, Kirinyaga County, Kenya. Academic Research International Vol. 8(1) March 2017. ISSN: 2223-9944, e ISSN: 2223-9553 www.savap.org.pk 	2.67				
6	 Kang'ara, H. W, & Koech, P. K (2018). Influence of Teachers' Instructional Practices: Collaborative Activities in Teaching and Learning of Preschool Children in Kiambu West Sub-County; Kenya. Quest Journals Journal of Research in Humanities and Social Science Volume 4 ~ Issue 10 (2016) pp: 13-21 	2.67				

7	Kaniaru, S, Thinguri R, W & Peter Koech (2018). An Analysis of the Association between School Managers' Induction Capacity and the	1.33				
	Implementation of Human Resource Development Policy at Public Primary Schools in Nyeri County, Kenya. European Journal of Education Studies. Volume 4 Issue 12 2018. 1111ISSN-L: 2501 - 1111Available on-line at: <u>www.oapub.org/edu</u>					
8	Kaniaru, S, Thinguri R, W & Peter Koech (2018). An Analysis Of The Association Between School Manager's Professional Development Capacity And The Implementation Of Human Resource Development Policy In Public Primary Schools In Nyeri County, Kenya. European Journal of Education Studies. Volume4Issue 122018ISSN-L: 2501 -1111Available on-line at: www.oapub.org/edu					
9	 Kaptum C. Mailu, S & Koech, P.K (2018). Relationship Between Self-Regulated Learning and Student Performance In Physics In Public Secondary Schools In Nakuru East Sub-County. IOSR Journal of Research & Method in Education (IOSR-JRME) e- ISSN: 2320–7388,p-ISSN: 2320–737X Volume 8, Issue 5 Ver. III. (Sep. – Oct. 2018), PP 79-83 Available on-line at: www.oapub.org/soc 	1.33				
10	Kaptum C. Mailu, S & Koech, P.K (2018). Relationship Between Learning Strategies and Student Performance in Physics In Public Secondary Schools In Nakuru East Sub-County, Kenya. ISSN: 2501-8590 ISSN- L:2501-8590 Available on-line at:www.oapub.org/soc	1.33				
11	 Kaptum C. Koech, P.K, & Mailu, S. (2018). Relationship between Teaching Methods and Student Performance in Physics in Public Secondary Schools in Nakuru East Sub-County. Volume-3, Issue-1, January-2019: 220-227 International Journal of Recent Innovations in Academic Research 	2.67				
12	Muema, M, Koech, P.K, & Muriungi. PK. (2018). Forms of Play and How they Influence Acquisition of Numeracy Skills among Preschool Children in Kenya. International Journal of Academic Research in Business and Social Sciences, 8(10), 799–812. <u>http://dx.doi.org/10.6007/IJARBSS/v8-i10/4764</u>	2.67				
13	Ngavana, M.M, Mutua, F, & Koech, P.K, (2018). The Extent of School Management Support of ICT Tools Integration in Teaching and Learning of Kiswahili Language in Public Secondary Schools in Kenya. International Journal of Academic Research in Business and Social Sciences, 8(9), 1025–1033 <u>http://dx.doi.org/10.6007/IJARBSS/v8-i9/4677</u>	1.33				

14	Mutiso, E. Mutio, & Koech, P.K, (2019). Instructional Strategies on Children	2.67
	Literacy Development in Pre-Primary Education. Serek Conference	
15	Muema, M, Koech, P.K, & Muriungi. PK. (2019). Influence of material selection	2.67
	criteria on acquisition of numeracy skills among children in pre-school	
	institutions in Kathiani sub-county. Machakos University Journal	
16	Judy, M, Koech, P.K, Amukowa, W. (2019). How parental involvement in	2.67
	activities at school influence children's learning outcomes in Mbooni East	
	sub-county, Makueni county, Kenya. Volume 6, Issue 6, 2019	
	https://oapub.org/edu/index.php/ejes/article/view/2642	
17	Ngaine, F.G & Koech, P. K (2019. Influence Of Instructional Materials on Pre-	2.67
1/	Primary Learner's Acquisition of Science Skills in Tharaka North Sub -	2.07
	County.IOSR Journal Of Humanities And Social Science (IOSR-JHSS). Volume 24,	
	Issue 12, Series. 4 (December. 2019) 56-61	
	e-ISSN: 2279-0837, p-ISSN: 2279-0845. www.iosrjournals.org	
18	Kunga, J, Embeywa, E, Koech, PK, (2021). The Effect of Inquiry-Based Science	1.33
	Teaching Approach On Self- Concept of Secondary School Physics Students in	
	Kitui County, Kenya. African Journal of Education and Practice ISSN 2519-0296	
	(online) Vol.7, Issue 2. No.2. pp 18 - 29, 2021.	
	https://www.iprjb.org/journals/index.php/AJEP/article/view/1255	
19	Kunga, J, Embeywa, E, & Koech, PK, (2021): The Effects of Inquiry-Based	1.33
	Science Teaching Approach on Scientific Creativity of Secondary School	
	Physics Students in Kitui County, Kenya. IOSR Journal of Humanities	
	And Social Science (IOSR-JHSS) Volume 26, Issue 3, Series 8 (March.	
	2021) 20-26 e-ISSN: 2279-0837, p-ISSN: 2279-0845.	
20	www.iosrjournals.org	5.22
20	Koech, P. K & Kang'ara, H. W, (2020). Challenges of Integration of ICT in	5.33
	Teaching and Learning in Early Childhood Education: A Literature Review. Lukenya University	
21	Githui, M.G, Thinguri, R & Koech, P. K (2021). Influence of Teachers'	1.33
	Improvisation of Heat-Producing Materials on Acquisition of Science Skills among	100
	Pre-Primary School Learners in Kiambu County, Kenya.	
	https://www.chuka.ac.ke/wp-content/uploads/2021/05/7th-Research-Conference-	
	Proceedings-2020.pdf	
22	Kang'ara, H. W, & Koech, P. K (2021). Influence of Teachers Instructional	2.67
	Practices in Handling Learners with Diverse Needs among Preschool Children in	
	Kiambu West Sub-county, Kenya.Chuka 7th International conference.	
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23	Githui, M.G, Thinguri, R & Koech, P. K (2021). Influence of Teachers'	1.33
	Improvisation of Sound-producing Materials on Acquisition of Science Skills	
	among Pre-primary School Learners in Kiambu County, Kenya	
	https://www.chuka.ac.ke/wp-content/uploads/2021/05/7th-Research-Conference-	
	Proceedings-2020.pdf	
24	Koech, P. K & Kang'ara, H. W, (2021). Using E-Learning as a Tool of	5.33
	Enhancing Teaching and Learning in University Education: Lessons from	
	Machakos and Chuka Universities. 3rd International Conference. Machakos	
	University Journal	
25	Koech, P. K (2021). Strategies used by Head teachers and Ministry of Education	8.0
	Officials to strengthen Parent-Teacher partnerships in early years. A case of Uasin	
	Gishu County. https://www.ijiras.com/2021/Vol_8-Issue_7/paper_14.pdf	
26	Kunga, J, Embeywa, E, & Koech, PK, (2021). The Effects Of Inquiry-Based	1.33
	Science Teaching Approach On The Learning Outcomes Of Secondary School	
	Physics Students In Kitui County, Kenya. 3rd International Conference. Machakos	
	University Journal	
27	Koech, P. K (2021). Challenges of Providing Learner Support Services in Virtual	4.0
	Environments. 6TH ACDE CONFERENCE, Accra Ghana. TUESDAY 28	
	SEPTEMBER - WEDNESDAY 29 SEPTEMBER,2021.	
28	Mutua, M, Koech, P. K & Kimiti, P. (2022). Effects Of Principals' Professional	2.67
	Development Practices On Teachers' Job Performance In Public Secondary	
	Schools In Kathiani Sub-County. International Journal of Innovative Research and	
	Advanced Studies. Volume 9 Issue 1, January 2022. <u>www.ijiras.com</u> Email:	
	contact@ijiras.com	
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29	Mutua, M, Kimiti, P. and Koech, P. K & (2022): Effects Of Principals'	1.33
	Supervision Practices On Teachers' Job Performance In Public Secondary Schools	
	In Kathiani Sub-County. Scholarly Research Journal For Humanity Science &	
	English Language, Online Issn 2348-3083, Sj Impact Factor 2021: 7.278,	
30	Www.Srjis.Com Peer Reviewed & Refereed Journal, Dec-Jan, 2022, Vol-10/49	2.67
30	Shinali,M., Koech, P,K, Kimani, C, (2022). Influence Of Teachers' Preparedness And Instructional Resources On Transition Of Learners With Visual Impairment	2.07
	From Integrated Pre-Primary To Primary Schools In Narok County, Kenya.	
	European Journal of Special Education Research ISSN: 2501 - 2428 ISSN-L: 2501	
	- 2428 Available on-line at: <u>www.oapub.org/edu</u>	
31	Kunga, J, Embeywa, E, & Koech, PK, (2022). The Effects of Inquiry-Based	1.33
	Science Teaching Approach on Task Competence of Secondary School Physics	
	Students in Kitui County, Kenya. mksu.acke	
32	Shinali, M., Koech, P,K, Kimani, C, (2022). Influence of Learners' Readiness and	2.67
	Physical Facilities on Transition of Learners with Visual Impairment from	
	Integrated Pre-primary to Primary Schools in Narok County, Kenya. Journal of	

Education, Society and Behavioural Science 35(6): 54-65, 2022; Article no.JESBS.87393 ISSN: 2456-981X (Past name: British Journal of Education, Society & Behavioural Science, Past ISSN: 2278-0998)	
TOTAL	68.53

TOTAL

REVII	CWED CONFERENCE PAPERS					
SNO.	PUBLICATIONS	POINTS				
1	Muema, M, Koech, P.K, & Muriungi. PK. (2019). Influence of material selectioncriteria on acquisition of numeracy skills among children inpre-school institutions in Kathiani sub-county. Machakos University Journal	4				
2	Mutiso, E. Mutio, & Koech, P.K, (2017). Instructional Strategies on Children 4 Literacy Development in Pre-Primary Education. 2 ND International 4 Conference. Machakos University Journal					
3	Koech, P. K & Kang'ara, H. W, (2020). Challenges of Integration of ICT in Teaching and Learning in Early Childhood Education: A Literature Review. Lukenya University.	4				
4	Githui, M.G, Thinguri, R & Koech, P. K (2021). Influence of Teachers' Improvisation of Heat-Producing Materials on Acquisition of Science Skills among Pre-Primary School Learners in Kiambu County,Kenya. https://www.chuka.ac.ke/wp-content/uploads/2021/05/7th-Research-Conference- Proceedings-2020.pdf					
5	Kang'ara, H. W, & Koech, P. K (2021). Influence of Teachers Instructional Practices in Handling Learners with Diverse Needs among Preschool Children in Kiambu West Sub-county, Kenya.Chuka 7 th International conference. <u>https://www.chuka.ac.ke/wp-content/uploads/2021/05/7th-Research-Conference-Proceedings-2020.pdf</u>	4				
6	Githui, M.G, Thinguri, R & Koech, P. K (2021). Influence of Teachers' Improvisation of Sound-producing Materials on Acquisition of Science Skills among Pre-primary School Learners in Kiambu County, Kenya https://www.chuka.ac.ke/wp-content/uploads/2021/05/7th-Research-Conference- Proceedings-2020.pdf	4				
7	Koech, P. K & Kang'ara, H. W, (2021). Using E-Learning as a Tool of Enhancing Teaching and Learning in University Education: Lessons from Machakos and Chuka Universities. 3 rd International Conference. Machakos University Journal	4				
8	Kunga, J, Embeywa, E, & Koech, PK, (2021). The Effects Of Inquiry-Based Science Teaching Approach On The Learning Outcomes Of Secondary School Physics Students In Kitui County, Kenya. 3 rd International Conference. Machakos University Journal	4				
9	Mutiso, E. Mutio, & Koech, P.K, (2017). Instructional Strategies on Children	4				

	Literacy Development in Pre-Primary Education. 2 ND International Conference. SEREK CONFERENCE					
	TOTAL	32				
SCHO	LARLY PRESENTATIONS AT CONFERENCE/SEMINAR/WORKSHOPS					
SNO.	PUBLICATIONS	POINTS				
1	Muema, M, Koech, P.K, & Muriungi. PK. (2019). Influence of material selection criteria on acquisition of numeracy skills among children in pre- school institutions in Kathiani sub-county. Machakos University Journal					
2	Mutiso, E. Mutio, & Koech, P.K, (2017). Instructional Strategies on Children Literacy Development in Pre-Primary Education. 2 ND International Conference. SEREK CONFERENCE					
3	Githui, M.G, Thinguri, R & Koech, P. K (2021). Influence of Teachers' Improvisation of Heat-Producing Materials on Acquisition of Science Skills among Pre-Primary School Learners in Kiambu County,Kenya. <u>https://www.chuka.ac.ke/wp-content/uploads/2021/05/7th-Research-Conference-</u> Proceedings-2020.pdf	2				
4	Koech, P. K & Kang'ara, H. W, (2020). Challenges of Integration of ICT in Teaching and Learning in Early Childhood Education: A Literature Review. Lukenya University. <u>https://www.chuka.ac.ke/wp-</u> content/uploads/2021/05/7th-Research-Conference-Proceedings-2020.pdf	2				
5	Githui, M.G, Thinguri, R & Koech, P. K (2021). Influence of Teachers' Improvisation of Heat-Producing Materials on Acquisition of Science Skills among Pre-Primary School Learners in Kiambu County,Kenya. https://www.chuka.ac.ke/wp-content/uploads/2021/05/7th-Research-Conference- Proceedings-2020.pdf	2				
6	Kang'ara, H. W, & Koech, P. K (2021). Influence of Teachers Instructional Practices in Handling Learners with Diverse Needs among Preschool Children in Kiambu West Sub-county, Kenya.Chuka 7 th International conference. <u>https://www.chuka.ac.ke/wp-content/uploads/2021/05/7th-Research-Conference-Proceedings-2020.pdf</u>	2				
7	Githui, M.G, Thinguri, R & Koech, P. K (2021). Influence of Teachers' Improvisation of Sound-producing Materials on Acquisition of Science Skills among Pre-primary School Learners in Kiambu County, Kenya <u>https://www.chuka.ac.ke/wp-content/uploads/2021/05/7th-Research-Conference-</u> <u>Proceedings-2020.pdf</u>	2				
8	Koech, P. K & Kang'ara, H. W, (2021). Using E-Learning as a Tool of Enhancing Teaching and Learning in University Education: Lessons from Machakos and Chuka Universities. 3 rd International Conference. Machakos University Journal	2				
9	Kunga, J, Embeywa, E, & Koech, PK, (2021). The Effects Of Inquiry-Based	2				

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16

REFEREED LEARNING MODULES (Mount Kenya University) 2017-2018				
SNO.	MODULES	POINTS		
1	MEC 506: Health Nutrition and Care in Early Childhood	6		
2	BEC 4112: RELIGIOUS EDUCATION III	6		
3	BEC 4120: SOCIAL STUDIES II (Geography)	6		
	TOTAL	18		
	Grand Total	132.86		

BOOK CHAPTER			
1.	The Effect of Inquiry-Based Science Teaching Approach On Self- Concept of Secondary School Physics Students in Kitui County, Kenya. African Journal of Education and Practice ISSN 2519-0296 (online) Vol.7, Issue 2. No.2. pp 18 - 29, 2021in Modern Perspectives in Language, Literature and Education	6	
		6	

SUPERVISIONS FROM 2015 TO DATE				
SNO.	NAME	LEVEL	TOPIC	STATUS/
				YEAR OF
				COMPLET
				ION
1.	Richard Wafula	PHD	Early Intervention of Mathematics Difficulties	Graduated
			and Performance of Standard Three Pupils in	2015

			Primary Schools in Butere Sub-County, Kenya	
2.	Hannah Kangara	PHD	Influence of Teachers' Instructional Practices On Learning of Pre-School Children in Kiambu West Sub-County, Kiambu County, Kenya	Graduated 2017
3	Kaniaru Samuel Wakori PHD/2013/455 81	PhD	An analysis of association between school management capacity and the implementation of human resource development policy in public primary schools in Nyeri county, Kenya	Graduated 2021
4	Millicent Githui PhD/2013/5392 6	PHD	Influence of teachers' improvisation of instructional materials on acquisition of science skills among pre-primary school learners in kiambu county, Kenya	Graduated 2021
5	Kunga Gathage John E83/2700/2018	PhD	The Effects Of Inquiry-Based ScienceTeaching Approach On Learning OutcomesOf Secondary School Physics Students InKitui County, Kenya	Graduated 2022
6	Shadrack Kituu E83/2808/2018	PHD	Influence Of Competency Based Curriculum On Creativity Learning Outcomes Among Grade Four Pupils In Makueni County, Kenya	Ongoing
7	Ndolo Francis Kaseke E83/2766/2019	PHD	The Relationship Between Science Process Skills Approach And Learning Achievement In Biology In Public Secondary Schools Of Kibwezi Sub- County Makueni, Kenya.	Ongoing
8	Milka Waeni Justus E83/6648/2016	PHD	Parent-Child Relationships As A Predictor Of Adolescents' Anti- Social Behaviour In Schools In Makueni County, Kenya	Ongoing
9	Mary Muema	Masters	Influence Of Play On Acquisition Of Numeracy Skills Among Children In Preschool Centres In Kathiani Sub County, Machakos County	Graduated 2019
10	James G. Mutuamwari	Masters	An Investigation Of The Utilization Of Instructional Media In Enhancing Classroom Interactions In Early Childhood Education Centres In Marimanti Zone, Tharaka Nithi County, Kenya	Graduated 2017
11	Felix Gitonga Ngaine	Masters	An Assessment Of School Based Factors That Influence Learner's Science Skills Acquisition	Graduated 2017

			In Pre Primary Schools In Tharaka North Sub County,	
			Tharaka-Nithi County, Kenya	
12	Kaptum Stephen	Masters	Influence Of Self-Regulated Learning On Student Performance In Physics In Public Secondary Schools In Nakuru East Sub- County-Nakuru County	Graduated 2018
13	Martin M. Ngavana	Masters	Integration of Information Communication Technologies on the Teaching and Learning of Kiswahili Language in Secondary Schools in Kilungu Sub-County, Kitui County, Kenya.	Graduated 2018
14	Mutiso Mutio Elizabeth	Masters	An Investigation of the Influence Of School Dynamics On Literacy Development In Pre- Schools In Masinga Sub-County, Machakos County	Graduated 2019
15	Elias Kirugi Maruta	Masters	An evaluation ofThe InfluenceOfCompassionAssistedChurchProjectsOnPreschoolChildren'sLearninginMbeereNorthSub-County, EmbuCounty, Kenya.	Graduated 2020
16	Judith M. Mwania	Masters	Influence of Parental Involvement On Learning Outcomes Among Preschool Learners in Mbooni East Sub County, Makueni County	Graduated 2019
17	Dorcas Muthoni W.	Masters	An Investigation Of The Influence Of Family Structures On Learning Outcomes Of Early Childhood Learners In Juja Sub-County, Kiambu County, Kenya	Graduated DEC, 2016
18	Pauline Wambui Njoki	Masters	An Investigation Of The Influence Of ParentalAlcoholConsumptionBoychild's PersonalityDevelopmentInPrimarySchoolsSub-County,Kenya	Graduated 2017
19	Wainaina Joseph Karanja	Masters	An Investigation Of The Influence Of School Dynamics In Teaching And Learning Of Language Skills In Early Childhood Centres In Kandara Sub County Muranga County, Kenya	Graduated 2017
20	Symon Karuri Titus MECS/2015/25	Masters	An Investigation Of Influence Of Home Environment On Transition Of Ecde Learners In Kiongwe Zone,	Graduated 2020

	824		Mpeketoni Division, Lamu West Sub-County,	
			Lamu County, Kenya.	
21	Pius Kingo	Masters	The Dynamics Influencing The Competence	Ongoing
	E55/1147/2014		Based Education Curriculum In Preschool	
			Teaching And Learning	
			In Kalawa Zone, Makueni County, Kenya	
22	Maria Ndolo	Masters	Factors Influencing The Implementation Of	Ongoing
			Competency Based Curriculum In Selected	
			Primary Schools In Lower Yatta Sub-county,	
			Kitui County, Kenya.	
23	Scolar Mbatha	Masters	Determinants Of Principals' Effectiveness In	Ongoing
	E55/12799/201		Information And Communication Technology	
	8		Integration In Public Secondary Schools In	
			Machakos Sub-County, Kenya	
24	Mutua, Mbithe		EFFECTS OF PRINCIPALS'	Graduated
			SUPERVISION PRACTICES ON	2022
			TEACHERS' JOB PERFORMANCE IN	
			PUBLIC SECONDARY SCHOOLS IN	
			KATHIANI SUB-COUNTY.	

PAPERS/ARTICLES REVIEWED

1. University to community pilot preschool programme: The effects on learning environment, teachers' attitude and whole child development in African Educational Research Journal.

REFEREED MODULES (Kenyatta University) 2007-2012

- 1. ECE 026: Social and Religious Studies
- 2. ECE 108: Preschool curriculum
- 3. ECE 213: Attachment in ECE
- 4. ECE 311: Comparative in ECE
- 5. ECE 508: Resource Development and Management
- 6. ECE 513: Curriculum Development, Implementation& Evaluation
- 7. ECE 514: Professionalism, Leadership & Advocacy
- 8. ECE 519: Advanced Social- Emotional Development

INTERNSHIPS/FELLOWSHIPS

• A University Graduate Fellowship Grant in the amount of \$ 1500 by Regents Centre for Early Childhood Education and UNI Graduate School of Education (IOWA, USA).

COMMUNITY INVOLVEMENT

- Motivation Speaker
- Chair, Uasin Gishu County Education Board (2014-2019)
- Board member & Founder, Tuiyo Secondary School (2018- present)
- Board member, Ng'envilel Sec. School (2008-2011)
- Chairman, Machakos University SACCO (2019-Present)
- Church elder, Psalms Church Ministries (2010- Present)

REFEREES

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Dean, SOE Senior Lecturer, Com- Tec, Mount P.O BOX 342 01000 Thika

Prof. Henry Embeywa.

P.O BOX 136-90100, Machakos University Tel. 0743 923280

Prof. James Muola

P.O Box 136- 90100, Machakos University Tel. 0721228621