



**UNIVERSITY OF NAIROBI
SCHOOL OF EDUCATION
COLLEGE OF EDUCATION AND EXTERNAL STUDIES**

DEPARTMENT OF EDUCATIONAL COMMUNICATION AND TECHNOLOGY

2020 ANNUAL REPORT

The Department of Educational Communication & Technology is one of the four Departments in the School of Education in the College of Education & External Studies. The Department of Educational Communication and Technology was established in 1972 as a component of the Faculty of Education housed in Education Building at main campus. The department was re-located to the College of Education and External studies in 1988 upon re-establishment of the Faculty of Education. The role of the Department is to equip students of education with knowledge, competencies and orientation for professional teacher development. The Department transforms students into teachers by offering courses in general methods of teaching, subject methods, educational technology, production of teaching and learning resources and media, micro-teaching and teaching practice which are key components teacher development.

2. PROGRAMMES OFFERED

The department offers the following courses:

- Diploma in Education (Early Childhood Education)
- Bachelor of Education (Early Childhood Education)
- B.ED Arts, B.Ed Science, B.Sc Nursing and B.ED Agriculture & Extension
- Master of Education (Early Childhood Education)
- Master of Education in Business Education
- Master of Education in English Education
- Master of Education in Religious Education
- Master of Education in Physics Education
- Master of Education in Educational Technology
- Master of Education in Pedagogy of Physical Education
- Doctor of Philosophy (PHD) in Early Childhood Education/ Doctor of Philosophy Educational Technology

3. **ENROLED STUDENTS IN UNDERGRADUATE AND POSTGRADUATE PROGRAMMES**

PROGRAMME	
DIPLOMA ECE	9
B.ED ECE REGULAR	4 TH YEAR 42 3 RD YEAR 67 2 ND YEAR 25 1 ST YEAR 46
BED ICT	4 TH YEAR 47 3 RD YEAR 61 2 ND YEAR 42 1 ST YEAR 44
B.ED ECE MODULE II	4 TH YEAR 7 3 RD YEAR 11 2 ND YEAR 4 1 ST YEAR 5
BED NURSING	3 RD YEAR 51
BED AGRICULTURE	3 RD YEAR 34 2 ND YEAR 11 1 ST YEAR 51
M.ED ECE	16
M.ED SUBJECT METHODS	41
PHD ECE	18
PHD TECHNOLOGY	9

4. **INTERNATIONAL STUDENT COMPONENT**

6 Students

- 1) Shabango Nothando Med Technology
- 2) Hashim Aliya Fazleabbas Anvaril Bed Ece
- 3) Eze Christiana Chinwendu Bed Ece
- 4) Gunay Mujgan Bed Ece
- 5) Onder Sevgi Bed Ece
- 6) Saglam Feyzanur Bed Ece

- 7) Dlamini Nompumelelo Glory
- 8) Duop Yuel

5. RESEARCH ACTIVITIES UNDERTAKEN

PhD Supervision

Prof. Jane Gatumu ,Dr. Teresia kazungu & Prof. Hellen Inyega

- Mary Mrugi Mugambi (2019): classroom management and Childrens Academic performance in science in Tharaka Nithi

Prof. Jane Gatumu & Dr. Japheth Origa

- Jaluo William Murungi (2019): Effect of Classroom Practices on English Language Reading Readiness of Childrens in Class one at Kericho Rehabilitation School.

Prof. Jane Gatumu, Dr. Juliet Muasya and Dr. Timothy Maonga

- Wilfred Gathuri Njeru (2019). Instructional Supervisory Roles & Childrens Acquisition of Values Through CRE in Manyata.

Prof. Jane Gatumu and Dr. Ruth kahiga

- Bonface Kamau (2019). Cooperative Learner Method and Children Competences in Mathematics in Kirinyaga County.

Prof. Paul Odundo & Prof. Agnes Kibui

- Ayienda Mary Susan (2019):Effect of Interactive Approach On Standard Six Learners' Achievement in Reaching Comprehension in Primary Schools in Vihiga County, Kenya"

Prof. Paul Odundo & Prof. Agnes Kibui

- Kulo Selina Alonya (2019): Effect of readers' theatre technique on learner achievement in reading skills in secondary schools in kisumu county, Kenya.

Prof. Jane Gatumu, Prof. Paul Odundo & Dr. Juliet Muasya

- Ganira Lilian Khavugwi (2019): Evaluation of Social Studies Curriculum for Enhancing Value Education Among Pre-School Learners In Nairobi County, Kenya.

Prof. Paul Odundo,Prof. Agnes Kibui and& Dr. Teresia Kazungu

- Doris Gatuura Festus (2019): Teachers Competencies On Intergration Of Autistic Children In Pre-Schools In Tharaka Nithi County, Kenya
-

MED Supervision

Prof. Paul Odundo & Dr. Stephen Mutiso

- Odhiambo Ayoo Joseph (2019): Influence of class Environment on learner participation in Language activity KZHC.

Prof. Paul Odundo & Dr. Isaac Abuya

- Ouko Nancy Grace (2019): Effects of Stakeholder Participation on Resources Mobilization for Science Activities in Early Years Education.
- Susan Ojunga Aduda (2019): influence of stakeholder Involvement Approaches on Procurement Effectiveness of Preschools Teaching & Learning Resources in Nyando Sub County, Kenya.
- Marygoretti A. Nadecho (2019): Influence of Parental Involvement in Performance of Preschoolers in Reading Comprehension in Schools in Southern Zone, Kisumu County.

Dr. Stephen Mutiso & Prof. Paul Odundo

- David Otieno Akayi (2019): Influence of Adoption of Financial Reporting Practices by Board of Management on Governance of Early Years Education (EYE) Centres in Kisumu Central Sub-County Kenya.

Prof. Agnes Kibui & Dr. Teresia Kazungu

- Gathara Irene Wambui (2019): Influence Of Myimaths Mathematical Application On Acquisition Of Arithmetic Concepts Proficiency In Preschools Impementing The British National Curriculum In Dagoreti North Sub County.

Dr. Samuel Mwanda & Dr. Bonface Ngaruiya

- Weşa Malack PM (2019): Computer Based Pedagogy And Pupils' Academic Performance In Science In Public Primary Schools Of Mumias West Kakamega County.

Dr. Gadys Kinyua & Dr. Timothy Maonga

- Wekesa Maurice Chonge (2019): Effect Of Digital Literacy On Tvet Students' Performance In Automotive Engineering In Bungoma County, Kenya.

Prof. Agnes Kibui & Dr. Boniface Ngaruiya

- Timothy Gitonga Peter (2019): Effect Of Closed Circuit Television (Cctv) Surveillance Technologyon School Safety In Public Boarding Secondary Schools In Igembe South Sub-County, Meru County, Kenya.

Dr. Juliet Muasya

- Kaane Jerusha Nkaatha (2019): Factors Influencing Pre-Primary School Childrens Academic Performance in Science Activities in Igembe South Sub-County in Meru County.

Dr. Ruth Kahiga & Dr. Stephen Mutiso

- Kithinji Mutethia Alfred (2019): Influence Of Flipped Learning On Primary School Pupils' Academic Achievement In Science In Abothuguchi Central Division, Meru County.

Dr. Evanson Muriithi

- Paul Mutinda Muendo (2020) Teacher competency in the use of Information and Technology and Student Academic Achievement in Physics in Makueni County Kenya

Dr. Juliet Muasya & Dr. Evanson Muriithi

- Anyango Beatrice Lugongo (2020) Influence of Parental Participation on the Development of Numeracy Skills among Pre-Primary School Children in Lugari Sub-County Kakamega County Kenya

Dr. John Mwangi & Dr. Gladys Kinyua

- Asnath Gaturi (2020) Influence of Electronic Media on Learning Social Skills by Pre-School Children in Ruiru Division Kiambu County Kenya

B.ED Supervision

- Tobias Mwanja Murutu (2019): six week Observation Report of Six Year Old Leons Cognitive, Language, Physical, Emotional, Moral and Religious Development Milestones.
- Wambui Deborah (2019) Development Milestone of Tffainie a Five Year Old Preschooler at PCEA Emanuel Kayole, Embakasi Central, Nairobi County.
- Manerere Onkeo Fred (2019): Parental Involvement Childrens Performance in Nyamachi Preschool Kisii, Kenya.

6. INTERNATIONAL LINKS AND COLLABORATIONS

CONCORDIA LTK training for one year

Western Carolina University

7. PUBLICATIONS

1.	Japheth Origa, Peter Kyalo Mulwa and George Otieno Asewe	Feedback Provision and Learner Achievement in Mathematics in Secondary Schools in Nairobi County Kenya	International Journal of Secondary Education. http://www.sciencepublishinggroup.com/ijisedu	October 20, 2020
2.	Stephen Kyalo Mutiso & Anthony Muliili Muoki	Teacher Training and its effect in the adoption of ICT in Public Secondary Schools in Machakos County Kenya	International Journal of Information Technology www.ijitjournal.org	August 4, 2020
3.	Stephen Kyalo Mutiso	Intensity of Flash Rains and the Effect on Drenching and Stabilization Frequency of on-Farm Water Harvesting Systems in Matungulu Sub-County, Machakos County, Kenya	THE INTERNATIONAL JOURNAL OF HUMANITIES & SOCIAL STUDIES ISSN 2321 - 9203 www.theijhss.com	June, 2020
4.	Paul Odundo Isaac Odhiambo Abuya Nancy Grace Ouko	Stakeholder collaboration and resources mobilization for science activities in early years education programme in Kisumu west County, Kenya	IOSR journal of research & method in education ISSN:2320-1959 Vol. 10 No. 1 www.iossjournals.org	February 5, 2020
5.	Paul Odundo Hellen Nasimiyu Inyega Hellen Kamau	Use of collaborative small group strategy on standard seven learners achievement in English composition writing in public primary schools in Kisumu County, Kenya	European journal of English language and literature studies ISSN:2055-0138 Vol.8 No. 1	February 2020
6.	Paul Odundo Agnes Kibui and Selina Akulo	Utilization of interpretive reading for achievement in reading skills in secondary schools in Kenya	International journal of linguistics, literature and translation ISSN: 2617-0299 www.ijllt.org	January 31, 2020
7.	Paul Odundo Agnes Kibui and	Intergrating English language skills through readers theatre technique	A journal on language and language teaching ISSN: 2579-9533 Vol.23	January 23, 2020

	Selina Akulo	for reading comprehension in secondary schools in Kenya	http://e-journal.usd.ac.id	
8.	Paul Odundo Hellen Nasimiyu Inyega Hellen Kamau	Use of effective brainstorming technique on standard seven learners achievement in English composition writing in public primary schools in Kisumu County, Kenya	British journal education ISSN:2054-6351 Vol.8	January 2020
9.	Paul Odundo Agnes Kibui and Selina Akulo	Readers theatre technique relevance of nature of class for enhancing reading skills in secondary schools in Kisumu County, Kenya	European journal of english language teaching ISSN:2501-7136 Vol.5 www.oapub.ogr/edu	2020
10.	Paul Odundo Hellen Nasimiyu Inyega Hellen Kamau	Use of collaborative and co-operative individual group strategy on standard seven learners achievement in English composition writing in public primary schools in Kisumu County, Kenya	International journal of English language teaching ISSN:2055-0820 Vol.7	December 2019
11.	Paul Odundo Lilian Ganira	Influence of pedagogical content knowledge on teacher trainee professional competency at University of Nairobi	American journal of education and learning ISSN:2518-6647 Vol. 5 No.1	November 7, 2019
12.	Paul Odundo Agnes Kibui and Selina Akulo	Intergrating English language skills through readers theatre twechnuque for reading comprehension in secondary schools in Kenya	LLT Journal ISSN:1410-7201 Vol 22 NO 2	October 26, 2019
13.	Paul Odundo Agnes Kibui and Mary Susan Ayiendah	Aspect of interactive approach that affect learners achievement in reading comprehensive in Vihiga County, Kenya	American journal of scial sciences and humanities ISSN:2520-5382 vol.4 No. 2	September 17, 2019
14.	Paul Odundo Agnes Kibui and Mary Susan Ayiendah	Effect of the interactive approach on learners achievement in reading comprehension in Vihiga Ciunty , Kenya: a focus on learner-generated questions	Nternational journal of educational policy research and review ISSN 2360-7076 Vol.6 https://www.journalissue.org	September 2, 2019
15.	Jane Gatumu Japheth Origa Jaluo Murunga William	Examining the effect of checklist assessment approach on English language reading readiness of children in class one at Kericho rehabilitation school, Kenya	International journal of education and research ISSN: 2411-5681 Vol. 7 www.ijern.com	August 8, 2019
16.	Paul Odundo Agnes Kibui and Selina Akulo	Interactive reading strategies on learner achievement in reading skills in secondary schools in Kisumu County, Kenya	International journal of English language teaching ISSN:2055-0820 Vol.7 No.5	August 13, 2019
17.	Paul Odundo Lilian Ganira Walter Onyango Okech	Perception of parents and teachers on practice of corporal punishment in primary schools in Rwanda: Focus on disciplinary processes	International journal of educational policy research and review ISSN: 2360-7076 Vol.6 www.journalissues.org	July 21, 2019
18.	Jane Gatumu Paul Odundo Juliet Muasya	Social studies curriculum and cocoperation among preschool learners in Nairobi county, Kenya:	American journal of social sciences and humanities ISSN:2520-5382 Vol. 4 No. 1	July 8, 2019

	Lilian Ganira	addressing effectiveness of instructional methods		
19.	Ojunga Susan Aduda Paul Odundo Abuya Isaac Odhiambo	Influence of stakeholder Participation on Procurement effectiveness of preschools' teaching and learning resources in Nyando Sub-County, Kisumu County Kenya	International Journal of research & method in Education www.iosjournals.org	March 13, 2020
20.	Jaluo Murunga William Jane Gatumu Japheth Origa	Determining the effect of modelling discipline management approach on English language reading readiness of children in Class one at Kericho rehabilitation school, Kenya	Journal of education and practice www.iiste.org	September 30, 2019
21.	Grace Nancy Ouko Paul Odundo Isaac Abuya	Influence of stakeholder empowerment on mobilization of resources for Science activities in Early years education programmes in Kisumu West Sub-County, Kenya	Journal of advance in education and philosophy https://saudijournals.com/jaep	February 12, 2020
22.	Juliet muasya Isaac Muasya	a study of childrens perception of gender identity and stereotype in public pre-primary schools in Nairobi County, Kenya	International journal of elementary education http://www.sciencepublishinggroup.com	March 6, 2020

9. NUMBER OF STAFF AND DESIGNATIONS

Professor	-	2
Associate Prof.	-	4
Senior Lecturer	-	7
Lecturer	-	9
Tutorial Fellow	-	1
Chief Technologist	-	0
Senior/Assistant Registrar	-	0
Senior/Administrative Assistant	-	1
Senior Technologist	-	2
Assistant Senior Secretary Grade C	-	0
Technologist Grade ABC	-	0
Records Clerk Grade IV	-	1
Records Clerk Grade III	-	0
Projectionist Grade A/B/C	-	1
Asst. Projectionist III	-	1
Messenger Grade II	-	<u>0</u>

9. CONFERENCES

3rd annual International Conference on Research and Innovation in Education(AICRIE)

Theme: Collaborative and Problem-Solving Based Teacher Education

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

Paper Presented:

Prof. Hellen Inyega

Prof. Justus Inyega

Leveraging ICTs To Improve Sexual Health Literacies and Practices of University Students in Kenya

Dr. GaniraKhavugwiLilian

Prof. Odundo Paul Amolloh

Impact of Social Studies Curriculum Assessment Methods and Values Education Among Learners in Pre-Primary School in Nairobi City County, Kenya: Focusing on Responsibility

Prof Jane CiamwariGatumu

Bloomø Taxonomy in StudentsøPedagogy of Religious Education During Teaching Practice
In Kenyan Secondary Schools

Dr. Ruth M. Kahiga

Effect of Flipped Learning Educational Videos Technique on PupilsøAcademic Achievement in
Science in Abothuguchi Central Divison, Meru County

Gladys Wanjiru Kinyua

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

Workshop on Anti Doping

Theme: Anti Doping

DATE: 17/12/2020 -18/12/2020

Papers presented ;

Dr. Ruth Kahiga

Moral/Ethical aspects of doping

Dr. Juliet Muasya

Sexual Harassment in Sports

10. **NUMBER OF GRADUANDS (2020)**

Diploma (ECE)	B.ED (ECE)	B.ED (ICT)	Masters (ECE)	Masters (Technology)	PhD Technology
1	55	16	2	4	1

Prof. Jane C. Gatumu

Chairman, Dept. of Educational Communication & Technology