



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

DEPARTMENT OF EDUCATIONAL COMMUNICATION AND TECHNOLOGY

2012 ANNUAL REPORT

1. The Department of Educational Communication & Technology is one of the four Departments in the School of Education in the College of Education & External Studies. This Department of Educational was established in 1972 as a component of the Faculty of Education. It was located in the 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, orientation and ability to carry out effective teaching. 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.

2. **COURSES OFFERED**

The department has launched courses in Early childhood Education, which are taken by students at diploma degree, and Master's levels.

PROGRAMMES OFFERED

- Diploma in Education (Early Childhood Education)
- Bachelor of Education (Early Childhood Education)
- Master of Education (Early Childhood Education)
- Doctor of Philosophy (PHD) in Early Childhood Education

Diploma in Early Childhood Education has the following units:

First Semester units:

- TEC 001 Foundations of Early Childhood Education
- TEC 003 Child growth, development and learning in Early Childhood Education
- TEC 005 Administration and Management of Early Childhood Education
- TEC 007 Health, Care and Nutrition in Early Childhood Education
- TEC 009 Child guidance and counseling in Early Childhood Education

Second Semester Units

- TEC 002 Early Childhood Education Curriculum
- TEC 004 Instructional Methods and Media in Early Childhood Education
- TEC 006 Early Childhood Education and Environment
- TEC 008 Language in Early Childhood Education
- TEC 010 Mathematics in Early Childhood Education

Third Semester Units

- TEC 011 Science in Early Childhood Education
- TEC 013 Social Studies in Early Childhood Education
- TEC 015 Development trends in Early Childhood Education
- TEC 017 Creative Arts and Music in Early Childhood Education
- TEC 019 Physical Education in Early Childhood Education
- TEC 021 Educational Research Methodology

Fourth Semester Units

- TEC 012 Teaching Practice, (equivalent two units)

TEC 118 Research project, (equivalent two units)

Degree of Bachelor of Education in Early Childhood Education has the following units:

LEVEL1 First semester

Unit number Title of the unit

TEC 101 General psychology of education
TEC 103 Child development: prenatal to infancy (birth - 3 years)
TEC 105 Historical Foundations of early childhood education
TEC 107 Sociological Foundations of early childhood education
TEC 109 Food and nutrition for preschool
TEC 111 Administration and supervision of a pre-school
TEC 113 Communication skills

LEVEL 1 Second semester

TEC 102 Child development: early childhood (3-6 years)
TEC 104 Child development: middle childhood (6-9 year)
TEC 106 Philosophical Foundations of early childhood education
TEC 108 Health and safety for preschool
TEC 110 Curriculum development for pre-school
TEC 112 Child rights and welfare

LEVEL 2 First Semester

Unit number Title of the unit

TEC 201 Classroom pedagogy
TEC 203 Language development
TEC 205 Music for pre-school
TEC 207 Science for pre-school
TEC 209 Religion and pre-school

TEC 211	Social studies for pre-school
TEC 213	Fundamentals of development and its application to Kenya

LEVEL 2 **Second Semester**

Unit number	Title of the unit
TEC 202	Children with special needs
TEC 204	Art and craft for pre-school
TEC 206	Mathematics for pre-school
TEC 208	Literature for pre-school
TEC 210	Physical education and pre-school
TEC 212	Instructional media and technology

LEVEL 3 **First Semester**

Unit number	Title of the Unit
TEC 301	Instructional resources development
TEC 303	Motivation and emotion
TEC 305	Methods of teaching science
TEC 307	Methods of teaching music
TEC 309	Methods of teaching Social studies
TEC 311	Methods of teaching physical education
TEC 313	Practicum

LEVEL 3 **Second Semester**

Unit number	Title of the Unit
TEC 302	Human learning and motivation
TEC 304	Guidance and counseling
TEC 306	Methods of teaching mathematics
TEC 308	Methods of teaching language
TEC 310	Methods of teaching art & craft

TEC 312 Environmental studies and early childhood education

LEVEL 4 First Semester

Unit number	Title of the unit
TEC 401	Family studies and early childhood education
TEC 403	Drug culture and early childhood education
TEC 405	Community mobilization and early childhood education
TEC 407	Computer literacy
TEC 409	Human resources and development
TEC 411	Research project (equivalent to 2 units)
TEC 413	Technology and early childhood education (Elective)
TEC 415	Gender studies and early childhood education

LEVEL 4 Second Semester

Unit number	Title of the unit
TEC 402	Children at risk and early childhood education
TEC 404	Child advocacy in early childhood education
TEC 406	Educational statistics
TEC 408	Educational research in early childhood education
TEC 410	Teaching practice – (equivalent to 2 units)
TEC 412	Children's behavior problems
TEC 414	Educational management and planning for pre-school
TEC 416	HIV/AIDS and children in Kenyan context

Degree of Master of Education in Early Childhood Education has the following units:

Core course units

Semester 1

CODE	TITLE	HOURS
TEC 601	Theoretical perspectives of early childhood education	60
TEC 603	Special education needs	60
TEC 605	Statistics for educational research	60
TEC 607	Pedagogy and early childhood education	60
TEC 609	Child development	60

Semester two

CODE	TITLE	HOURS
TEC 602	Learning in early childhood	60
TEC 604	Research methods in education	60
TEC 606	Family life studies	60
TEC 608	Contemporary and legal issues in early childhood	60
TEC 610	Media and early childhood development	60

Elective course units

Semester three

CODE	TITLE	HOURS
TEC 611	Principles of management, supervision and early childhood education	60
TEC 612	Curriculum development and implementation	60
TEC 613	Language and early childhood development	60

TEC 614	Science, mathematics and early childhood	60
TEC 615	Social studies, religion and early childhood education	60
TEC 616	Creative arts, physical education and early childhood development	60
TEC 617	Health, food nutrition and early childhood education	60

Research/Project

Semester four

CODE	TITLE	HOURS
TEC 640	Project	240
TEC 650	Thesis	360

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

PROGRAMMES

- B.Ed ECE Regular - 94 Students
- B.Ed ECE Module II – 238 Students
- M.Ed ECE – 89 Students
- PHd ECE – 9 Students

4. **INTERNATIONAL STUDENTS COMPONENT**

The Department of Educational Communication and Technology has 2 students from Turkey taking B.Ed (ECE).

5. **RESEARCH INTERESTS AND INTERNATIONAL LINKS AND COLLABORATION**

Early Grade Reading Instruction Curriculum (EGRIC) program is a two-year project fully sponsored by USAID. The project aims to develop the capacity of teachers using high quality,

multi-genre, culturally relevant and age-appropriate instructional materials and resources in English and Kiswahili. EGRIC hopes to complement and fill an existing gap in teacher education through equipping teachers with reading, knowledge and skills to enhance reading literacy in pre-unit upto standard 3.

6. PUBLICATIONS

AUTHOR	DATE	TITLE	PUBLISHER	PLACE OF PUBLICATION
Paul Odundo & Samson Gunga	2013 May	Effects of Application of Instructional methods on Learner Achievement in Business Studies in Secondary Schools in Kenya	International Journal of Education and Research. Vol. 1 No. 5 www.ijern.com	Kenya
Paul A. Odundo	2011	Effects of Mass University Enrolment on Non-Academic Activities: The Case of university of Nairobi, Kenya, , University of Nairobi	Kenya Journal of Education Planning Economics & Management ISSN 2074-5400	Kenya
Paul A. Odundo	2011	Instructional Methods in Business: Learner preference and achievement	LAP LAMBERT Academic Publishing GmbH & Co. KG ISBN:978-3-8465-1508-2	Kenya
Paul A. Odundo Jessica A. Ogombe	2011	Information Based Approaches As Interventions Against HIV/Aids Stigma and Discrimination In Selected Public Secondary Schools In Winam Division, Kisumu East District, Nyanza, Kenya	The Fountain Journal of Educational Research Vol. V, No. 1, 2011, School of Education, University of Nairobi	Kenya
Paul A. Odundo, Charles M. Rambo	2010	Socio-Economic Empowerment of Women Through Micro-Finance: A comparative Assessment of Funded and unfunded Women in Kisumu District, Kenya	International Journal of Disaster Management and Risk Reduction Vol. 2. No. 2 ISSN: 1992-2744	Kenya
Gatumu, Jane C.	2012	Womens participation in Miraa (Khat) business and the academic performance of primary school children in Runyenjes Division, Embu, Kenya	International Journal of Humanities and Social Sciences	Kenya
Juliet Muasya	2012	<i>Health and Safety for Preschools.</i>	Centre of Open and Distance Learning (ODEL)	College of Education & External Studies

Dr. Agnes Kibui	2013	Determinants of the girls child participation in secondary school education in Central Division of Mandera East District Kenya	The Fountain Journal of Educational Research	Kenya
	2012	Reading and Comprehension in the African Context: A cognitive enquiry	Zapf Chancery Publishers African Ltd.	
	2012	TEC 108 – Health and Safety for Preschools	Centre of Open and Distance Learning (ODEL)	College of Education & External Studies
Digolo O.O.	2013	Teaching Practice: Theory and Practice.	Afrovision Publishers	Nairobi
Digolo O.O.	2012	Pedagogy in Early Childhood Education	Centre for Open and Distance Learning	College of Education & External Studies
Digolo O.O. Inyega J.O.	2012	University Academics Re-examine their pedagogical and people-skill: Insights from capacity-building inservice program in Kenya.	The Fountain: Journal of Educational Research School of Education	University of Nairobi publication No. ISSN: 2079-3383.
Dr. John Mwangi	2011	Certification Program for Scheme Trustees and Sponsors	Association for Retirement Benefits Schemes	Nairobi
	2013	Administration and Supervision in early Childhood Education	Centre for Open and Distance Learning	College of Education & External Studies
Dr. John Mwangi	2012	Motivating University Students	Centre for Open and Distance Learning	College of Education & External Studies
		Program development for Kenya Anglican University	Unpublished	Nairobi
		Pedagogical challenges in the teaching of Business Studies in Kenyan Secondary Schools	Ongoing	Nairobi
Mrs. Teresia Kazungu	2012	TEC 102: Child Development- Early Childhood (3-9Years)	Centre for Open and Distance Learning	College of Education & External Studies
Origa Japheth O., Muthoni David Mutahi, Gunga Samson Okuro & Mutahi Irene Wairimu	2013	Strategies influencing Competence in Soft Skills Development through Mathematics in Technical institutions in Kenya.	International Journal if Innovative Research & Studies	Kenya
Origa, Japheth Gatumu, Jane C.,	2012	Kenya Preschool Curriculum on Environmental Conservation by young	International Journal of Early Childhood	Kenya

& Miringu, Eunice		Children.	Education & Care	
Evanson M. Muriithi, Samson O. Gunga: Lewis M. Ngesu: Atieno Kili K'Odhiambo:Lydia N. Wachira	2013	School Characteristics, Use of Project Method and Learner Achievement in Physics Women's Contributions to the Philosophy of Education: Hermeneutics of Proverbs	Journal of Education and Practice International Journal of Education and Research	U.S.A Australia
Evanson M. Muriithi	2012	Curriculum for Early Childhood Education	Centre for Open and Distance Learning	College of Education & External Studies
	2011	The learning of sciences among the physically handicapped students – journal	Educational Management Society of Kenya	Kenya
Inyega, Hellen N.; and Inyega Justus O.	2011	Learning to read and reading to learn: A practical teacher's guide Nairobi.	Riverbrooks Communications Network	Kenya
Inyega Justus O.	2011	Teachers' practices and experiences following professional development: A Kenya Multi-site analysis.	Saarbrocken, Germany	Germany
Inyega Justus O.; Gatumu, Jane C.; Inyega Hellen N.	2011	Teaching Practice experiences: Invaluable insights from video cases in Kenya	The Fountain Journal of Educational Research	Kenya
Digolo, Patrick O., Inyega Justus O., and Inyega Hellen N.	2011	University academics re-examine their pedagogical and people-skills: Insights from capacity-building in-service programme in Kenya.	The Fountain: Journal of Educational Research	Kenya

6. **CONSUTANCIES**

Dr. Paul Amollo Odundo

- National Coordinator offering Technical Assistance on Sustainable Institutionalization of the Kenyan Health Sector Dynamic Costing Model (DCM); Establishing Centre for Health Economics and Costing by EPOS Health Management from 2012 to date – Kenya.
- Conducting a study on End-term evaluation of the Kenya floods appeal and operation 2010 project to establish the impact of mitigation of floods – related disasters in Kenya and document lessons learnt for training on disaster preparedness and response by Kenya Red Cross from August 2011 to January 2012.
- Consultant/trainer in a study conducted on corporate governance in Kenyan education and Health sectors, including capacity building training for stakeholders by Centre for Corporate Governance (CCG) from

February 2011 to June 2011.

- Consultant in a study undertaken on the strengthening of the Cost Sharing Strategy in the Health Sector of Gedo Region; Mid-Term Evaluation of the Integrated Health Outreach Project (IHOP) in Garba Tulla District, Upper Eastern Region of Kenya by Kenya Red Cross from May 2011 to April 2011.
- Lead Consultant in the end of projects evaluations of the following projects: Women's Voices and Children's Rights in Siaya County. Citizen Monitoring to Reduce Stigma and Discrimination, and Improve Access to and Quality of HIV-related Care and Services by Care International /Futures Group from February 2011 to April 2011.
- Consultant in Institutional capacity assessment of PLHIV Networks in Kenya in order to evaluate the capacity of PLHIV networks and partners in Kenya (Baseline Survey).
- Mid-Term Evaluation of The Integrated Health Outreach Project (IHOP) in Garba Tulla District, Upper Eastern Region of Kenya.

Juliet Njeri Muasya

Consultancy with Futures Group Europe;

- The Impact of HIV/AIDs on Land Tenure in Three Districts in Kenya: Thika, Bondo and Embu under the DFID HIV/AIDS Care and Prevention, 2002/2003 - in charge of coordinating the transcriptions of 250 recorded tapes from vernacular language into English.

Dr. Hellen Inyega

- Organizing the 8th Pan African Reading for All (PARFA) conference to be held at Kenya Science Campus (KSC) from 12th to 16th August 2013. Anticipate about 400 people to participate. Already over 300 abstracts have been submitted to the Conference Committee.
- In January 8th and 14th, 2013 trained Enumerators to assess early grade reading among children under the Education for Children in Marginalized areas of Kenya (EMACK) a project implemented by The Aga Khan Foundation with funding from USAID.
- In January 21st - 25th, 2013 trained teachers in Satellite Zone to teach early grade reading.
- Launching research findings in Ukunda on a Healthand Literacy Intervention (HALI) survey implemented for four years.
- Presenting a paper at The UNESCO Mobile Learning Week in Paris from 16th to 20th February 2013 on the effectiveness of supporting teachers through Short Message Services (SMS).

Dr. John Mwangi

- Programs development for Bachelor of Education (Applied Social Sciences) in Business Studies, Geography and Mathematics for Anglican University of Kenya – 2013.

7. PAPERS PRESENTED

Mr. Evanson Muriithi

Effect of Project Method on Learners Achievement in Physics. A Case of Kenyan Secondary Schools. Paper presented at the Department of Educational Communication and Technology Seminar, University of Nairobi University of Nairobi on 1st March 2012.

The Value of Education. Message given on a Prize Award Ceremony at Ngariama Division of Kirinyaga East District at Ngariama Primary School on 9th March 2012

8. NUMBER OF GRADUANDS

GRADUATION 24/8/2012	M.ED ECE – 22 Graduands	B.ED ECE – 38 Graduands	DIPLOMA ECE – 4 Graduands
GRADUATION 7/12/2012	M.ED ECE – 20 Graduands	B.ED ECE – 24 Graduands	DIPLOMA ECE – 3 Graduands

9. NUMBER OF STAFF AND THEIR DESIGNATIONS

Associate Prof.	-	1
Senior Lecturer	-	2
Lecturer	-	12
Tutorial Fellow	-	5
Chief Technologist	-	1
Assistant Senior Secretary Grade C	-	1
Junior Technologist Grade IV	-	1
Records Clerk Grade IV	-	1
Records Clerk Grade III	-	1
Messenger Grade II	-	1

