

# CURRICULUM VITAE

## PERSONAL DETAILS

**Full Name:** Lucian Vumilia Ngeze

**Date of Birth:** 08/12/1982

**Gender:** Male

**Marital Status:** Married

**Nationality:** Tanzanian

**Languages:** English and Swahili

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## PERSONAL DETAILS

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Facebook: <https://web.facebook.com/lucian.ngeze/>

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YouTube: <https://www.youtube.com/channel/UCgjdjTN3PWrmGw2ogWAW7hQ/videos>

## EDUCATION

<b>DURATION</b>	<b>INSTITUTION</b>	<b>QUALIFICATION</b>
<i>July 2017 -present</i>	Indian Institute of Technology Bombay, India	<i>PhD - Educational Technology (on progress)</i>
<i>November 2012</i>	University of Dodoma, Tanzania	<i>M.Sc - Telecommunications Engineering</i>
<i>June 2009</i>	University of Kerala, India	<i>B. Tech - Electronics and Communication Engineering</i>
<i>March 2005</i>	Tosamaganga Secondary School, Iringa, Tanzania	<i>Advanced Certificate of Secondary Education Examination (ACSEE)</i>
<i>November 2002</i>	Katoke Seminary, Kagera, Tanzania	<i>Certificate of Secondary Education Examination (CSEE)</i>

## RELEVANT EXPERIENCE

*May 2019 to Present: Lecturer, the University of Dodoma (UDOM), Dodoma, Tanzania*

- To prepare and deliver lectures, to engage in research activities and outreach services.*

*April 2013 - April 2019: Assistant Lecturer, the University of Dodoma (UDOM), Dodoma*

- *To prepare and deliver lectures, to engage in research activities and outreach services.*

*March 2010 - April 2013: Tutorial Assistant, the University of Dodoma (UDOM), Dodoma*

- Assisting senior academic staff in conducting lectures, tutorials and seminars in the College of Informatics and Virtual Education.
- To help in the development of the course materials and contents for undergraduate students in the school of Virtual Education.
- To perform any other academic duties as may be assigned by the Principal/Dean or any other University Organs.

*Jan - March 2010: Systems Administrator, State University of Zanzibar (SUZA), Zanzibar, Tanzania*

- To maintain, repair, troubleshoot and upgrade the University computer network.
- To ensure the smooth running of the network devices, maintain the Internet facilities to all departments in the Campus.

### **TEACHING AT THE UNIVERSITY OF DODOMA**

<i>Course Name</i>	<i>Student Cohort</i>	<i>Offerings</i>
MS 612: Introduction to IT and Business Computing	MBA, MA Demography	2015, 2016, 2017
TN 423: VLSI Circuits	4th Year: Telecommunications Engg, Computer Engineering	2016, 2017
CN 310: Computer Maintenance	3rd Year: Telecommunications Engg, Computer Engineering, Information Systems,	2014, 2015, 2016, 2017
CD 323: Advanced Technology for Virtual Education and Training	3rd Year: Multimedia Technology and Animations, ICT Mediated Content Development	2013, 2014
CD 307: Emerging Issues in Virtual Education Technology	3rd Year: ICT-MCD	2014, 2015
FB 0111: Introduction to Educational Technology	Certificate course	2016, 2017
FB 101: Learning Management	Diploma	2015, 2016

Systems		
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### **DUTIES AND RESPONSIBILITIES**

<b>PERIOD</b>	<b>RESPONSIBILITY</b>
<i>April 2015 to June 2017</i>	Member, ICT Committee - College of Earth Sciences, UDOM
<i>June 2014 to June 2017</i>	Head, Department of Virtual Education Delivery
<i>2012 to June 2014</i>	Head of Section, Virtual Delivery Section
<i>2012 to June 2017</i>	Member, College of Informatics and Virtual Education Board
<i>2012 to June 2017</i>	Member, Internal University Examination Moderation team
<i>March 2011 to June 2017</i>	National Facilitator on ICT Programme for Secondary School Education, a Ministry of Education Science, Technology and Vocational Training Programme.
<i>2011 to June 2017</i>	Member, School of Virtual Education Board

### **CONSULTANCY/ICT IN EDUCATION PROJECTS**

**January 2016:** Facilitated ICT training for School Quality Assurers from all Educational Zones in Tanzania. A Ministry of Education and Vocational Training Programme. This training was conducted at Kilakala Secondary School in Morogoro.

**March 2015:** Facilitated ICT training for Secondary School and Teachers College Inspectors in Tanzania. A Ministry of Education and Vocational Training Programme. This training was conducted at Kilakala Secondary School in Morogoro.

**Feb 2014 and October 2014:** Facilitated ICT Training for Secondary School Teachers (Master Trainers) on Cycle Two materials from 7 Regions on the Use of ICT in teaching and learning. A Ministry of Education and Vocational Training Programme. This training was conducted at Pamba Secondary School in Mwanza.

**2011-2015:** Conducted a regular Computer Maintenance and Repair programme to UDOM students and people from around Dodoma. This programme is conducted annually with a maximum of 30 participants.

### **JOURNAL PUBLICATIONS**

Ngeze, L.V. (2016). *ICT Integration in Teaching and Learning in Secondary Schools in Tanzania: Readiness and Way Forward*, International Journal of Information and Education Technology, Vol. 7, No. 6, June 2016.

Ngeze, L.V. (2016). *Learning Management Systems in Higher Learning Institutions in Tanzania: Analysis of Students' Attitudes and Challenges towards the use of UDOM LMS in Teaching and Learning at the University of Dodoma*, International Journal of Computer Applications (0975 – 8887) Volume 136 – No.11, February 2016

Liana, L., and Ngeze, L.V. (2015). *Online Teacher Communities of Practice: A Proposed Model to Increase Professional Development in Tanzania*, Journal of Informatics and Virtual Education, Vol 3 No 1, December 2015.

Ngeze, L.V., and Mvungi, N. (2012). *Improving Road Safety and Transport Efficiency Using Cellular Networks in Tanzania*, Journal of Informatics and Virtual Education, Vol 2 No 1, Nov 2012.

Ngeze, L.V., and Anthony, F. (2012). *Enhancing Teaching and Learning Communication Network Courses in Higher Learning Institutions in Tanzania Using Simulations*, Journal of Informatics and Virtual Education, Vol 2 No 1, Nov 2012.

#### **CONFERENCE PUBLICATIONS**

Ngeze, L.V., and Iyer, S. (2019). *Contextualized Online Courses: A Scaling of in-service Teacher Professional Development in ICT Integration in Tanzania*. 27th International Conference on Computers in Education. Kenting, Taiwan, December 2-6, 2019.

Ngeze, L. V. (2019). *Locally Developed Online Courses: A Solution to in-service Teacher professional Development in ICT Integration in Tanzania*. 2nd Innovating Education in Africa Expo, Gaborone, Botswana, August 20-22, 2019.

Ngeze, L.V., Khwaja, U and Iyer, S. (2018). *Cascade Model of Teacher Professional Development: A Qualitative Study of the Desirable Characteristics of Secondary Trainers and Role of Primary Trainer*. 26th International Conference on Computers in Education. Manila, Philippines, November 26-30, 2018.

Nettikadan, D., Ngeze, L.V., Sukhathankar, S., and Warriem, J. M. (2018). *iLTI-QAT: A Model to Orchestrate Interaction Sessions in Hybrid MOOCs*. Technology for Education Conference, Chennai, India, December 11-13, 2018.

Ngeze, L.V. (2016). *ICT Integration in Secondary Education in Tanzania: Development and Use of Local Digital Contents*. Education Conference, Dodoma, Tanzania.

Ngeze, L.V. (2014). *Web 2.0 Tools: Their Roles in Socio-Economic Development of Individuals and Societies in Developing Countries*. The Consortium of Tanzania Universities and Research Libraries, First Scientific Conference, Iringa, Nov 2014.

#### **DOCTORAL STUDENT CONSORTIUM PRESENTATIONS**

Ngeze, L.V. (2019). *A3IT2: A Model for Effective Cascaded Teacher Training on ICT Integration in Tanzania*. 27th International Conference on Computers in Education. Kenting, Taiwan, December 2-6, 2019.

## ONLINE COURSES DEVELOPED AND FACILITATED

No	Online Course Name	Details	Participants
4	Teacher Professional Development for Remote Teaching	Developed a 4-weeks course as part of UNESCO's Open Education for a Better World (OE4BW) 2020 programme. This course was offered from May 24 to June 23rd, 2020.	A total of 431 teachers from Tanzania, Rwanda, Ghana, Liberia, Nigeria and many other countries participated.
3	Becoming a 21st Century Teacher (2020)	Introduced school teachers on the 21st century teaching and 21st century skills while integrating technology in their teaching and learning activities. Run over MOODLE from January to February, 2020.	A total of 258 secondary school teachers from different parts of Tanzania participated.
2	Becoming a 21st Century Teacher (2019)	Introduced school teachers on the 21st century teaching and 21st century skills while integrating technology in their teaching and learning activities. Run over MOODLE from May 20 to July 3rd, 2019	A total of 203 secondary school teachers from different parts of Tanzania participated.
1	ICT for School Teachers	A 10 days online course to introduce teachers to learner-centred teaching and learning using ICT tools. Run over MOODLE from June 15-25, 2018.	A total of 174 secondary school teachers from different parts of Tanzania participated.

## MOOCS FACILITATED

**Design Learner-centred eLearning in STEM Disciplines (September to October, 2020).** Run via Swayam platform. The course had **600+ participants**. In this course, I designed and developed two modules on Multimedia principles (Coherence, Segmenting and Personalization principles). I also administered the Discussion forum.

**Design Learner-centred eLearning in STEM Disciplines (July to September, 2019).** Run via Swayam platform. The course had **600+ participants**. In this course, I designed and developed two modules on Multimedia principles (Coherence, Segmenting and Personalization principles). I also administered the Discussion forum.

**ET 611Tx: Pedagogy for Effective Use of ICT for School Teachers (2017, 2018):** The MOOC was run over IITBombayx platform attracting 3000+ active participants. I participated in configuring the course on the MOOC platform and administering the discussion forum.

**FDP101x: Foundation Programme in ICT for Education (October 2018).** Run over IITBombayx platform with 2266 participants.

**FDP201x: Pedagogy for Online and Blended Teaching-Learning Process (June 2018).** Run over IITBombayx platform with 5188 participants.

**FDP301x: Mentoring Educators in Educational Technology (June 2018).** Run over IITBombayx platform with 546 participants.

## **INTERNATIONAL CONFERENCE ORGANISATION**

*Conference Manager:* The 10th International Conference on Technology for Education (T4E 2019). This conference will be held at Goa University in Goa, India from December 9-12, 2019.

*Conference Volunteer:* The 18th IEEE International Conference on Advanced Learning Technologies (ICALT 2018). This conference was held by the Department of Educational Technology at the Indian Institute of Technology Bombay, India from July 9-13, 2018.

## **PROGRAMME COMMITTEE MEMBER**

ICCE 2019 Workshop on Emerging Technologies for Teacher Professional Development at Scale. *Workshop Title:* Emerging Technologies for Teachers Professional Development at Scale. <http://penoy.admu.edu.ph/~alls/tech4tpd>

## **ASSOCIATIONS WITH PROFESSIONAL BODIES (Reviewer/Sub-reviewer) :**

ICCE 2019 Reviewer of TPD papers: I reviewed three papers on Teacher Professional Development

## **WORKSHOPS CONDUCTED**

Trained 19 Teachers on ICT integration in Teaching and Learning at the Dodoma Secondary School, Dodoma, Tanzania. This was done from 28<sup>th</sup> – 30<sup>st</sup> June, 2019.

Trained 8 Teachers on ICT integration in Teaching and Learning at the Kola Secondary School, Morogoro, Tanzania. This was done from 12<sup>th</sup> – 15<sup>st</sup> June, 2019.

Trained 18 Teachers on ICT integration in Teaching and Learning at the Kola Secondary School, Morogoro, Tanzania. This was done from 11<sup>th</sup> – 15<sup>st</sup> December, 2018.

## WORKSHOPS ATTENDED

**Consultancy Skills Workshop**, held at the College of Informatics and Virtual Education, University of Dodoma, from 30<sup>th</sup> – 31<sup>st</sup> July, 2015.

**Digital Publishing: Business Models and Rights Management**, held at St. Johns University of Tanzania, Dodoma, on April 15, 2015.

**Educational Evaluation and Assessment Workshop**, held at the College of Informatics and Virtual Education, University of Dodoma, from 22<sup>nd</sup> – 23<sup>rd</sup> December, 2014.

**Google Apps for Education Workshop**, held at Protea Courtyard Hotel, Dar es Salaam from 17<sup>th</sup>-18<sup>th</sup> November, 2014.

**Research and Publications Workshop**, held at the College of Informatics and Virtual Education, University of Dodoma, from 8<sup>th</sup>-9<sup>th</sup> May, 2014.

**University Qualification Framework (UQF) and Recognition of Prior Learning (RPL) Workshop**, held at the College of Informatics and Virtual Education, University of Dodoma, from 8<sup>th</sup>-11<sup>th</sup> March, 2014.

## ONLINE TRAINING GIVEN

I have offered Online training sessions using different platforms (*Zoom, Google Meet, BigBlueButton, Jitsi, Webex*) to the following groups.

- Teachers from Tanzania and other countries participating in the developed Online Courses
- Educators from Liberia: On technology tools for Effective Online Teaching During Covid-19

## SHORT COURSES/TRAINING

*September 2015: ICT and Pedagogical Development* in Sweden by LIFE Academy sponsored by SIDA. Obtained a Diploma.

*Oct-December 2013: Design, Development & Implementation of E-Learning Courses* from Centre for Development of Advanced Computing (Noida), India. Obtained a Certificate.

*2010 and 2011 e-Learning Technology and Content Development.* These courses were conducted online.

## PERSONAL SKILLS

- Instructional Design, MOOC Design, Teacher Professional Development, Development of Online Courses
- Authoring Tools (Articulate Storyline, Lectora, Camtasia)

- Multimedia Software (3D Max, Adobe Premiere, CoolEdit)
- MOOC/LMS Platform Configuration: Moodle, Open edX and Swayam

### **SEMINARS PRESENTED**

- Nov 2013*                      *Effective Use of UDOM Learning Management System*, College of Informatics and Virtual Education, University of Dodoma.
- July 2011*                      *The University of Dodoma Network Optimization and Configuration*, College of Informatics and Virtual Education, University of Dodoma.

### **AWARDS AND RECOGNITION**

Certificate of Outstanding Academic Staff of the Department of Virtual Education Delivery (University of Dodoma) in 2015/2016.

### **REFEREES**

**Prof. Sridhar Iyer,**

Head, Dept of Educational Technology,  
Indian Institute of Technology Bombay  
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**Prof. Leonard Msele,**

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