

## Europass Curriculum Vitae



### Personal information

First name(s) / Surname(s)	<b>Emmanuel Essau Chanai</b>
Address	Mkwawa University College of Education, Faculty of Science, Physics Department, P.O.Box 2513, Iringa, Tanzania
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E-mail	<a href="mailto:chanai.emmanuel@yahoo.com">chanai.emmanuel@yahoo.com</a>
Nationality	Tanzanian
Date of birth	14 <sup>th</sup> May 1985
Gender	Male

### Desired employment / Occupational field Work experience

#### Assistant Lecturer

Dates	<b>November 2013 up to date</b>
Occupation or position held	<b>Assistant Lecturer (Physics)</b>
Main activities and responsibilities	Teaching Physics courses, Conducting Tutorials, Supervising Physics Practical and Projects for Undergraduates Students; Conducting Research related to Nuclear Physics Consultancy to Students and Community.
Name and address of employer	Mkwawa University College of Education, P.O.Box 2513, Iringa, Tanzania
Type of business or sector	University College of Education

### Work experience

Dates	<b>November 2009 to October 2013</b>
Occupation or position held	<b>Tutorial Assistant (Physics)</b>
Main activities and responsibilities	Conducting Tutorials, Supervising Physics Practical for Undergraduates students; Perform any other duties as assigned by seniors.
Name and address of employer	Mkwawa University College of Education, P.O.Box 2513, Iringa, Tanzania
Type of business or sector	University College of Education

<p><b>Work experience</b></p> <p>Dates</p> <p>Occupation or position held</p> <p>Main activities and responsibilities</p> <p>Name and address of employer</p> <p>Type of business or sector</p>	<p><b>July to September 2008</b></p> <p><b>Physics and Mathematics (Pure &amp; Applied) Teacher</b>, Second Year Teaching Practice</p> <p>Teaching Physics and Mathematics to O-Level Students.</p> <p>Cheyo Secondary School, Tabora - Tanzania</p> <p>Ordinary Level Secondary School</p>
<p><b>Work experience</b></p> <p>Dates</p> <p>Occupation or position held</p> <p>Main activities and responsibilities</p> <p>Name and address of employer</p> <p>Type of business or sector</p>	<p><b>July to September 2007</b></p> <p><b>Physics and Mathematics (Pure &amp; Applied) Teacher</b>, First Year Teaching Practice</p> <p>Teaching Physics and Mathematics to A-Level Students.</p> <p>Tabora Boys High School, Tabora - Tanzania</p> <p>Advanced Level Secondary School</p>
<p><b>Education and training</b></p> <p>Dates</p> <p>Title of qualification awarded</p> <p>Principal subjects/occupational skills covered</p> <p>Name and type of organisation providing education and training</p> <p>Level in national or international classification</p>	<p><b>November 2010 to October 2013</b></p> <p><b>Master of Science in Physics</b></p> <p>Nuclear Physics and Instrumentation, Nuclear Technique and Applications, Radiation Dosimetry and Protection, Electrodynamics, Electronics, Advanced Experimental Physics, Computational Physics, Statistical Mechanics, Quantum Mechanics, Condensed Matter Physics</p> <p>University of Dar es Salaam</p> <p>First Class</p>
<p><b>Education and training</b></p> <p>Dates</p> <p>Title of qualification awarded</p> <p>Principal subjects/occupational skills covered</p> <p>Name and type of organisation providing education and training</p> <p>Level in national or international classification</p>	<p><b>September 2006 to December 2009</b></p> <p><b>Bachelor of Science with Education</b></p> <p>Physics, Mathematics and Education</p> <p>University of Dar es Salaam</p> <p>Upper Second Class</p>
<p><b>Education and training</b></p> <p>Dates</p> <p>Title of qualification awarded</p> <p>Principal subjects/occupational skills covered</p> <p>Name and type of organisation providing education and training</p> <p>Level in national or international classification</p>	<p><b>2003 -2005</b></p> <p>Advanced Certificate of Secondary Education</p> <p>Physics, Chemistry, Advanced Mathematics and General Studies</p> <p>Sengerema Secondary School, Mwanza - Tanzania</p> <p>Division Two</p>
<p><b>Education and training</b></p> <p>Dates</p> <p>Title of qualification awarded</p> <p>Principal subjects/occupational skills covered</p> <p>Name and type of organisation providing education and training</p> <p>Level in national or international classification</p>	<p><b>1999 -2002</b></p> <p>Certificate of Secondary Education</p> <p>Physics, Chemistry, Basic Mathematics, Biology, Geography, English Language, Kiswahili, History, Civics, Bookkeeping</p> <p>Kazima Secondary School, Tabora - Tanzania</p> <p>Division Two</p>

**Personal skills and competences**

Mother tongue(s) **Ngoni**

Other language(s)

Self-assessment

European level (\*)

**English**

**Kiswahili**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
(C1)	Proficient user	(C1)	Proficient user	(C1)	Proficient user	(C1)	Proficient user	(C1)	Proficient user
(C2)	Proficient user	(C2)	Proficient user	(C2)	Proficient user	(C2)	Proficient user	(C2)	Proficient user

(\*) [Common European Framework of Reference for Languages](#)

Social skills and competences

Ability to adapt to multicultural environments; Good communication skills

Team Work spirit: I have worked in various types of teams:

- Youths Coordinator for Church Matters at various Places
- General Secretary for Christian Men's Fellowship [Iringa]

Organisational skills and competences

- Self-motivated spirit in performing my duties; Ability to Organise & mobilize fellow workers
- Organising Team for Social Matters Faculty of Science Mkwawa University College of Education
- Organising Team for Academic Staff Party Mkwawa University College of Education

Technical skills and competences

Certificate in Physics of Nuclear Radiation Course on Basics and Applications of Nuclear Technology for Socio-Economic Development, organised and Hosted by NM-AIST and TAEC in Collaboration with the University of Sasktchwen (July – August 2013)

Operating X-ray Fluorescence Spectrometry; Operating HPGe Gamma-ray Spectrometry.

Computer skills and competences

Competent with most Microsoft Office programmes.  
Good command of Microsoft Office™ tools (Word™, Excel™ and PowerPoint™);  
Basic knowledge of graphic design applications (Adobe Illustrator™, PhotoShop™).

Artistic skills and competences

Writing skills, University of Dar es Salaam, Directorate of Public Service January 2011

Other skills and competences

Certificate of Attendance Integrating Gender Responsive Pedagogy in Higher Learning Institutions organised by the Gender Unit MUCE in collaboration with the Forum for African Women Educationalists (FAWE) Tanzania

Driving licence

(A & D) issued by the United Republic of Tanzania

**Additional information**

**Publication:**

Najat Mohammed, **Emmanuel Chanai**, M. Alkhorayef. The impact of the extensive use of phosphate fertilizers on radioactivity levels in farm soil and vegetables in Tanzania. Journal of Radioanalytical and Nuclear Chemistry; March 2016, Volume 307, Issue 3, pp 2373-2379.

### Consultancy and Community Services

1. Physics Facilitator on Workshop of Digital Content of World Bank ICT Retooling Project of Ordinary Secondary Education, Organized by Ministry of Education and Vocational Training (MoVT), under Science Technology and Higher Education Project (STHEP), held at Makambako Secondary School, Njombe, Tanzania, 23<sup>rd</sup> March – 01<sup>st</sup> April, 2015.
2. Second Workshop on Validating of Digital Content of World Bank ICT Retooling Project of Ordinary Secondary Education, Physics Panel, Organized by Ministry of Education and Vocational Training (MoVT), under Science Technology and Higher Education Project (STHEP), held at Nashera Hotel, Morogoro, Tanzania, 16<sup>th</sup> – 25<sup>th</sup> February, 2015.
3. Workshop on Validating and Pre-testing of Digital Content of World Bank ICT Retooling Project of Ordinary Secondary Education, Physics Panel, Organized by Ministry of Education and Vocational Training (MoVT), under Science Technology and Higher Education Project (STHEP), held at Butimba Teachers College, Mwanza, Tanzania, 18<sup>th</sup> – 23<sup>rd</sup> December, 2014.
4. Workshop on Content Development of World Bank ICT Retooling Project of Ordinary Secondary Education, Physics Panel, Organized by Ministry of Education and Vocational Training (MoVT), under Science Technology and Higher Education Project (STHEP), held at Savoury Hotel, Arusha, Tanzania, 17<sup>th</sup> – 26<sup>th</sup> November, 2014.

### Leadership Experience

1. Coordinator of Physics Unit, Mkwawa University College of Education (November 2016 – July 2018)
2. Head Physics Unit, Mkwawa University College of Education (December 2009 – September 2010)
3. Head Prefect, Kazima Secondary School (July 2001 – June 2002)

### Professional Membership

1. Member of UDASA {University of Dar es salaam Academic Staff Association}: 2009 to date
2. Member of Tanzania Physical Society (TPS): 2009 to date

### Referees

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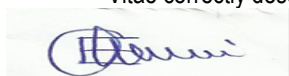
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### CERTIFICATION:

I, the undersigned certify that, to the best of my knowledge and belief, this Curriculum Vitae correctly describes qualifications, my experience and myself.

**Signature:**  
**Name:**



Emmanuel Essau Chanai

**Date:** 18<sup>th</sup> July, 2018