

## DEPARTMENT OF CURRICULUM & EDUCATION MANAGEMENT



**Name of Staff:** Dr. Rose Nyambura

**Designation/Rank:** Lecturer

**Department:** Curriculum & Education Management

**School:** Education

**Email:** [myambura@laikipia.ac.ke](mailto:myambura@laikipia.ac.ke)

**ORCID ID:** <https://orcid.org/0000-0002-5965-2543>

### PERSONAL DETAILS

#### A Educational Background/Qualification

1. PhD in Science Education, Laikipia University, Kenya (2019)
2. Master of Education in Science Education, Egerton University, Kenya (2011)
3. Postgraduate Diploma in Education (PGDE) Kenyatta University, Kenya (1998)
4. Bachelor of Science (Botany/Zoology) Egerton University, Kenya (1993)

#### B Brief Auto-biography

Rose Nyambura is a teacher with over 15 years science teaching experience at high school level and is a dedicate lecturer with over 10 years of experience teaching at the university level. She is passionate about mentoring students to enable them achieve their full potential and is committed to providing a supportive learning environment. Nyambura strongly believes in role modelling and started a club for female students pursuing STEM programmes at Laikipia University to make the girls be aware that doors are waiting for them to knock and push through. Nyambura is also an accomplished researcher and has published numerous articles in top-tier academic journals.

#### C Areas of Specialization

1. Science education
2. Teacher Education

#### D Research Interest

1. Science education
2. Teacher education
3. Digital literacy in education
4. School management

## **E All Publications**

1. Kamonjo, F.W & **Nyambura, R** (2023). Relationship Between Student-teachers' Personal Characteristics And Anxiety Towards Teaching Practice. A Case Of University Of Kabianga And Laikipia University, Kenya. *Researchjournali's Journal of Education* Vol. 11 | No. 1 March | 2023 ISSN 2347-8225
2. Kamonjo, F.W & **Nyambura, R** (2021). "Relationships between Pre-service Student Teacher's Teaching Practice Anxiety, Self-determined Personal Characteristic and Academic Achievement" *EJ-EDU-European Journal of Education and Pedagogy* **ISSN: 2736-4534** **DOI :10.24018/ejedu.YEAR.Vol.Issue.ID**
3. Chemnjor, C., Ngunjiri, M., & **Nyambura, R** (2019). Coping With Homo-Bullying In Secondary Schools In Nakuru County, Kenya. *Journal of Education* Vol. 7 | No. 6 August | 2019 ISSN 2347-8225. [www.researchjournali](http://www.researchjournali)
4. Mbuthia, N., Chemnjor, C., & **Nyambura, R** (2019). Teachers Actions to Curb Homosexuality Activities in Secondary Schools in Nakuru County. *Journal of Advances in Education and Philosophy* ISSN 2523-2665 (Print) /ISSN 2523-2223 (Online) <https://scholarsmepub.com/jaep/>
5. **Nyambura, R** & Kaboro, P. G (2018). Influence of Secondary School Students' Sexual Orientation on Attitude Towards Biology in Nakuru County, Kenya. *Researchjournali's Journal of Education* Vol. 6 | No. 5 May | 2018 ISSN 2347-8225
6. **Nyambura, R.** (2016). Influence of students' self-perception on Biology achievement among secondary school students in Nakuru County, Kenya. *International Journal for Humanities and Social Sciences* Vol 8, No. 3, pp 21-30/ 2016 P-ISSN;1694-2620, e-ISSN;1694-2639
7. **Nyambura, R.** (2015). The role of gender stereotyping in science achievement among pupils in public day primary schools in Nakuru Municipality, Kenya. (Published Master's Thesis, ISSN 978-3-659-62844-3. Lambert Publishers)
8. Kaboro, P. G & **Nyambura, R** (2015). Addressing gender differences in conceptualization of physics concepts through context-rich analogies. *International Journal for Physics & Chemistry* VOL 1 ISSUE 11 (1)
9. Kaboro, P. G. & **Nyambura, R** (2015). Enhancing physics students' motivation in concept learning through context-rich analogies. *International Journal of information Research and Review* VOL 2, ISSUE 12 pp 1560-1571

10. **Nyambura, R** & Wambugu, P. W. (August, 2013). Investigation of gender stereotyping in science activities and science achievement among pupils in public day primary schools in Nakuru Municipality, Kenya. *Asia Pacific Journal of Marketing & Management Review* ISSN 2319-2836 Vol 2 (12)
11. **Nyambura, R** & Wambugu, P. W. (2012). Investigation on the relationship between pupils' experience in science activities and science achievement among pupils in public day primary schools in Nakuru Municipality, Kenya. *Asian Journal of Social Sciences & Humanities (AJSSH)* ISSN 042013-AJSSH-2(2)-386
12. **Nyambura, R.** (2012). Relationship between parents' level of education and pupil's highest science education level aspiration among pupils in public day primary schools in Nakuru Municipality, Kenya *Journal of Education and Social Sciences, Mt. Kenya University* Volume 1. No. 2 May 2012, ISSN 2220-409

#### **F Project/Dissertation/Thesis Supervision**

1. Influence of school culture on moral values among secondary school students in trans- Nzoia county, Kenya. Adera Teresa Atieno- Continuing
2. Influence of school characteristics on implementation of inclusive education policy in public primary schools in Lari sub county-Kiambu county. James Seret- Continuing
3. Influence of alternative sources of vocational institution education financing on enrollment and completion of schooling in Nakuru North Sub County-John N. Kamunya- Continuing

#### **G Scholarly Presentations at Conferences/Workshops/Seminars**

1. 2021, DETA Conference (SA) 3-5<sup>th</sup> August-Presented a paper on: Eextending and embedding TESSA open education resources (OER's) in teaching at primary school level in Laikipia County, Kenya
2. 2019, 12<sup>th</sup> July – Participated in organization of women workshop in science in developing countries (OWSD) regional workshop at ICIPE Nairobi, Kenya
3. 2019, 14th-16th August: Attended Christian Scientific Association of Kenya (CSAK) regional workshop at Rainbow Ruiru Resort, Kenya.
4. 2019 January- Concluded a TERSSA-Laikipia University project conducted in Shamanei and Laikipia campus primary schools.
5. 2018 13-15th Sept: Attended CSAK regional workshop at sweetlake Hotel, Naivasha Kenya.

6. 2018 5<sup>th</sup> -7<sup>th</sup> Sept: Presented a paper in OWSD regional workshop at ICIPE Nairobi, Kenya titled; *Relationship between students' self- perception and achievement in biology among secondary school students in Nakuru county, Kenya*
7. 2018 5<sup>th</sup> February; Participated in MOEST EU Proposal writing workshop.
8. 2016 (24<sup>th</sup>-27<sup>th</sup> May) Participated in Laikipia University 3<sup>rd</sup> International Conference (as a RAPPOTEUR)
9. 2015-December 6<sup>th</sup>-8<sup>th</sup> ; Attended a workshop organized by Friedrich Ebefrt Stiftung at Tom Mboya Labour college, Kisumu.
10. 2015 (21<sup>st</sup> February) Participated in UASU leadership workshop (organizer) held in Nuru Palace hotel. 2014 Participated in Curriculum pedagogy workshop (organizing committee member) in Laikipia University.
11. 2014 (May) Participated in Laikipia University 2<sup>nd</sup> International Conference (as a RAPPOTEUR)
12. 2011 Participated in Mt. Kenya University conference at Sports Club -Nakuru
13. 2011 Participated in Nakuru County leadership and peace training at Capital hill
14. Restaurant-Nakuru
15. 2011 Participated in Chemistry workshop- Nakuru County
16. 2010 Participated in Kenya National Examination Council: Item writing workshop
17. 2010 Participated in Ministry of Education: Head of Department Training
18. 2002 Participated in Nakuru district biology markers training
19. 1998 Participated in Oxford chemistry course: chemistry teaching in secondary schools
20. 1996 Participated in REAP workshop: Guidance and Counselling

## **H Consultancies**

1. Home care support consultancy company (HOCASU)-Company secretary
2. Online facilitation of MOOC (Common wealth of Learning -COL Award 2021)
3. Successfully conducting an academic project (TESSA Award 2019)