Curriculum Vitae

1. Personal Details

Official Name:	Jane Wanjiru Njuki
Email Address:	Njukij.waniru@gmail.com
Mobile Phone:	0721593243
Gender:	Female
Marital Status:	Married
Year of Birth:	1972
Nationality:	Kenyan

2. Education

PhD. (Information Technology)	Murang'a University of Technology, 2019 to 2023.
MSc. (Information Systems)	Kisii University, 2011 to 2015.
Bachelor of Computer Information Systems	Kenya Methodist University, 2009 to 2011.
Diploma in Technical Education	Kenya Technical Teachers College, 2004 to 2005
Diploma in Computer Studies	Kenya Technical Teachers College (KNEC), 2000 to 2001
Kenya Certificate of Secondary Education (KCSE)	Magumu High School, 1987to 1990
Kenya Certificate of Primary Education (KCPE)	Githiga Primary School, 1978 to 1986

3. Work

The Nyeri National Polytechnic, October 2006 – April, 2024 **Designation:** Trainer

Murang'a University of Technology – May, 2024 – Present **Designation:** Lecturer

- **Accreditations**
  1. ICDL Africa Accredited Tester in Kenya   –   2013
  2. Cisco Networking Academy Instructor   -   2010

- **Awards**
  1. Instructor years of service budge   -   2019
  2. Flexible and Blended learning budge   -   2016
  3. Instructor years of service   -   2014

Njukij.wanjiru@gmail.com

4. PERSONAL COMPETENCIES

- Ability to work in a fast-paced environment to set deadlines
- Excellent oral and written correspondence with an exceptional attention to detail
- Highly organized with a creative flair for project work
- Enthusiastic self-starter who contributes well to the team
- Highly innovative and dedication to assigned tasks

5. PUBLICATIONS

Journal Papers:

1.   **Njuki, J.W. (2023).** Contribution of ICT in Enhancing Quality and Accessible Life-long Learning in TVET Through Open Learning for Sustainable Development. www.ajpojournals.org (Accepted for publication)

2.   **Njuki, J. W.,** Muketha, G. M., & Ndia, J. G. **(2022).** A systematic literature review on security indicators for open-source enterprise resource planning software. *International Journal of Software Engineering & Applications* (IJSEA), Vol.13, No.3, May 2022 DOI: 10.5121/ijsea.2022.13303 27

3.   **Njuki, J. W.**, Muketha, G. M., & Ndia, J. G. **(2022).** An Extended Security Measurement Framework for Open-Source Enterprise Resource Planning Software
    Security. International Journal of Network Security & its Applications (IJNSA), 2022.

4.   Mukundi, R. M., **Njuki, J. W. (2021).** Adoption of Digital Libraries in TVET institutions: Towards Full Adoption of Digital Libraries in TVET Institutions in Kenya. LAP LAMBERT Academic Publishing

5.   Mukundi, R. M., **Njuki, J. W. (2019).** Enhancing Green Learning and Training in TVET Institutions through Digital Libraries in Nyeri County, Kenya. AfricaJournal of Technical & Vocational Education and Training. Vol.4 13-232019-10-24

Conference Papers

a) Jane Wanjiru Njuki, Geoffrey Muchiri Muketha and John Gichuki Ndia **(2021),** Information Security Models: A systematic Literature Review. 1st International Conference on Technology and Innovation for Sustainable Development at Murang'a University of Technology. **3rd to 5th November 2021**

b) Jane Wanjiru Njuki and Rose Muthoni Mukundi **(2020).** Towards Full Adoption of Digital Libraries in TVET Institutions in Kenya. 1st Nyeri National Polytechnic International Research Conference on "Attaining Sustainable Growth through Science, Research, Technology and Innovation" held on 11th – 13th March, 2020. ""

c) Jane Wanjiru Njuki and Rose Muthoni Mukundi **(2022).** Utilization of e-resources in TVET institutions during COVID-19 pandemic: case of The Nyeri National Polytechnic 9th RVTTI International Conference on "Embracing change building resilience in TVET in times of uncertainties. The COVID-19 Experience and other Distractions. June 30th – July 2nd 2022.

Njukij.wanjiru@gmail.com

d) Jane Wanjiru Njuki and Rose Muthoni Mukundi **(2018).** Enhancing Green Learning and Training in TVET for Sustainable Development through Digital Libraries in Nyeri County, Kenya. 7th RVTTI International TVET and Interdisciplinary Research conference held on 21st – 23rd June, 2018.

e) Jane Wanjiru Njuki and Rose Muthoni Mukundi **(2018).** The Meru National Polytechnic 1st International Academic Research and Innovation Conference on Role of TVET in creating self-sustainability through research innovation and technology 21st – 23rd March, 2018.

f) Jane Wanjiru Njuki **(2017).** Applicability of ICT in Environmental Management to Address Climate Change. The Inaugural Kabete National Polytechnic International Research Conference on "Linking Research, Science, Technology & Innovation with Development in Africa" held on 11th – 13th October, 2017.

6. Membership to Professional Bodies

I.   **Member**, International Association of Engineers (IAENG), Member No. 310006, Joined in April, 2022.

7. Referees

i.   **Prof. Geoffrey Muchiri Muketha, PhD**
Professor, Department of Computer Science and Director Board of Postgraduate Studies
Murang'a University of Technology
P.O Box 64500 – 00620, Nairobi, Kenya
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ii.   **Dr. John Gichuki Ndia**
Dean, School of Computing and Information Technology
Murang'a University of Technology (MUT)
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Murang'a
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iii.   **Ven. Canon Isaac Mwangi Wanjii**
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