

## CURRICULLUM VITAE

### PERSONAL INFORMATION:

**Name** : Dr. Yonah Etene (PhD)  
**Nationality** : Kenyan  
**Date of birth** : 2<sup>nd</sup> March 1968  
**Marital status** : Married  
**Address** : Box 1699- 50200, Bungoma  
**Telephone** : 0721 240 864  
**E-mail** : [yetene@kibu.ac.ke/](mailto:yetene@kibu.ac.ke) [eteneyonah@gmail.com](mailto:eteneyonah@gmail.com)

### **BRIEF PROFILE**

I am a tutorial fellow at Kibabii University. I hold a PhD in Information Technology from Kibabii University, Master of Science Degree in Computer Science from University of Nairobi, a Bachelor of Science Degree in Information Technology from JKUAT and a Diploma in Education from Kenya Science Teachers College.

### ACADEMIC BACKGROUND:

<b>Year</b>	<b>Institution</b>	<b>Programme</b>	<b>Achievement</b>
<b>2015 – Nov. 2019</b>	Kibabii University	Information Technology	PhD
<b>2010 – Aug 2014</b>	University of Nairobi	Computer Science	MSc.
<b>2005- July 2008</b>	Jomo Kenyatta University of Agriculture and Technology	Information Technology	BSc (IT)
<b>1991-Aug 1993</b>	Kenya Science Teachers College	Education	Dip.(PHY/CHEM)
<b>1988-Nov 1989</b>	Vihiga high school	Education	KACE
<b>1984-Nov 1987</b>	Lubinu Sec. School	Education	KCE

### EMPLOYMENT HISTORY:

**SEPT 2015 DATE:** **Employer:** Kibabii University **Position:** Tutorial Fellow

#### **Duties and Responsibilities:**

- Lecturing/Teaching
- Academic advisor-computer science department
- Setting, moderating and marking examinations

- Supervising students on attachment
- Supervising masters and undergraduate student projects
- Examination Coordination, Department of Computer Science

**FEB 2013 TO SEPT 2015: Employer:** Ministry of planning and Devolution **Station:** Homabay County Government **Position:** Interim County ICT Manager

**Duties and Responsibilities:**

- Providing advisory ICT services to the County Government
- System analysis and design, development and implementation of computerized information management systems in the County.
- Assisting in formulating and developing County information infrastructure.

**NOV.2009 TO FEB 2013: Employer:** Ministry of Youth Affaires and Sports, **Station:** National Youth Service-Engineering Institute, **Position:** Senior Lecturer

**Duties and Responsibilities:**

- Industrial attachment coordinator(ILO),
- Assessing students on attachment,
- Sourcing for student attachment placement,
- Facilitation of training programs,
- Training and examining students in computer studies at Diploma level,
- Supervision of students and staff,
- Conducting research,
- Preparation of teaching materials, students assessment records, record of work plans etc.
- Guiding and counseling students.

**HIGH SCHOOL TEACHING EXPERIENCE**

**Feb 2000- Nov. 2009** Teachers Service Commission

Head of Physics Department- Mudavadi Girls High School

**1993 To FEB. 2000** Teachers Service Commission

Head of Physics Department- Kisoko Girls Secondary School

**UNIVERSITY TEACHING EXPERIENCE**

**2015 to Date** Tutorial Fellow - Kibabii University

**PROFESSIONAL BODY**

2018- 2021: Member- Association of Computing Machinery (ACM)

**OTHER RESPONSIBILITIES**

**Sept 2015 to Date:** Quality Assurance Officer – Computer Science Department, Class Academic Advisor- Computer Science, Kibabii University

## **PUBLICATIONS**

1. Yonah, Etene, Franklin, Wabwoba, (2020). Cloud Computing Accessibility Evaluation Tool. A tool for Assessing level of ICT Integration in Education. *American Journal of Engineering Research (AJER)* e-ISSN: 2320-0847 p-ISSN: 2320-0936 Volume-9, Issue-1, pp-68-74 [www.ajer.org](http://www.ajer.org)
2. Yonah, Etene, Josphat, Karani, (2019). Performance in Layered Software Architectures: The case of Customized Organizational Software. *International Journal of Computer Trends and Technology (IJCTT) – Volume 67 Issue 12 – Dec 2019*
3. Etene, Y., Anselemo, I., & Wabwoba, F. (2019). Integrated Cloud Computing Environment Model (ICCEM) Towards Affordable ICT Integration in Education. *IOSR Journal of Computer Engineering (IOSR-JCE)* e-ISSN: 2278-0661, p-ISSN: 2278-8727, Volume 21, Issue 2, Ser. III (Mar - Apr 2019), PP 23-33 [www.iosrjournals.org](http://www.iosrjournals.org)
4. Etene, Y., Wabwoba, F., & Anselemo, I. (2019). Human Capacity Training Model for Managing ICT Integration in Education. *International Journal of Advanced Research in Computer Engineering & Technology (IJARCET) Volume 08, Issue 03, March 2019, ISSN: 2278 – 1323*
5. Yonah Etene & Samuel Barasa (2018). The Integration of Social Media Technologies for Teaching and Learning in Kenyan Schools. *International Journal of Research in Information Technology, Volume 2, Issue 1, Jan 2018, Pg: 1-7 ISSN (Online): 2001-5569 UGC Approved Journal 1©Copyrights IJRIT, [www.ijrit.net](http://www.ijrit.net)*
6. Etene, Y., Owoche, P., & Oboko, R. (2016). A Multi-Agent System to support ICT based Distance Learning through Modeling of Learner Needs: The case of Bachelor of Education at the University of Nairobi. *IOSR Journal of Computer Engineering (IOSR-JCE)* e-ISSN: 2278-0661, p-ISSN: 2278-8727, Volume 18, Issue 5, Ver. IV, 26-31

## **WORKSHOPS/SEMINARS**

1. Pedagogical Models and Strategies; Education Foundations; Transformative Curriculum and Learning Design; and Innovative Assessment by Pedagogical Leadership in Africa (PedaL). Nov. 2019 Eldoret Kenya
2. Enhancing Learning Outcomes through the application of 21<sup>st</sup> Century Pedagogies in the provision of University Education and Embracing the New Competence Based Curriculum. Kibabii University. 23<sup>rd</sup> – 24<sup>th</sup> October 2018
3. Material Development. Captiva International Limited. 22<sup>nd</sup> -26<sup>th</sup> April 2019. Kibabii University

## **OTHER COURSES**

1. Job Analysis. PricewaterhouseCoopers. 26<sup>th</sup> – 27<sup>th</sup> 2015. Homabay County
2. Senior Management Course. KSG. Embu 7<sup>th</sup> Nov – 2<sup>nd</sup> Dec 2011

## **RESEARCH INTERESTS**

Cloud Computing: Cloud computing technologies and emerging applications, Multi-Agent Systems and their use and IoT.

**RESEARCH FUND GRAND:**

1. Attracted research funding for multi-disciplinary research from National Research Fund 2017 grants- For Infrastructure Development (Team member) –KES 64.6 Million
2. Attracted research funding for PhD research from National Research Fund 2016 grants (<http://sgs.kibu.ac.ke/research-fund-grands/>)- KES 400,000.00

**REFEREES:**

1. Prof. Franklin Wabwoba  
Kibabii University  
Box 1699-50200  
Bungoma  
E-mail: [fwabwoba@gmail.com](mailto:fwabwoba@gmail.com)  
Mobile: 0723-844-904
2. Ms Dorcas A. Shisoka  
CoD – Computer Science, Kibabii University  
P.O Box 1699- 50200,  
Bungoma  
Mobile: 0720-460-097
3. Prof. Robert O. Oboko  
University of Nairobi  
E-mail: [roboko@uonbi.ac.ke](mailto:roboko@uonbi.ac.ke)  
Mobile: 0722-320-525