

## **DR. MILLIEN KAWIRA**

**Name:** Dr. Millien Kawira

**Title/Qualification:** PhD

**Position:** Dean

**School:** School of Pure and Applied Sciences

**Area of Specialization:** Energy

**Contact Address:** 06, 60100. Embu

**E-Mail:** kawira.millien@embuni.ac.ke



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### **Short Biography**

Area of specialization is Energy Technology. She holds Doctor of Philosophy in energy technology at JKUAT and Master of Science degree in Physics of the same University.

### **Research Interests**

My main domain of research is Energy

### **Publications in Journals**

1. A paper entitled ‘A Prototype Steam Storage System for Power production’ was published. ISSN: 227 – 1581 by International Journal of Scientific Engineering and Technology (IJSET). 3 (8), 1 August 2014.
2. A paper entitled ‘Investigating a Prototype Heat Exchanger for Steam Storage’ was published. E-ISSN: 2278-4861 by IOSR Journal of Applied Physics (IOSR-JAP). 6 (4) ver. II (JUL AUG.2014), PP70 – 80. The paper’s digital link (ANED-DDL) is 22.4861/iosr-jap-N06427080 under the website [www.aned.us](http://www.aned.us)
3. A paper entitled ‘A prototype Parabolic Trough Solar Concentrator for Steam Production’ was published. ISSN 1561-7645 by Journal of Agriculture Science and Technology (JAGST). 14 (2), 2012.

### **Presentation of Papers at Academic and Professional Conferences**

1. Fabrication and characterization of a prototype steam storage system and generator for power production.in proceedings Of 2014 International Annual conference on sustainable research and innovation on Wednesday 7<sup>th</sup> to Friday 9<sup>th</sup> May 2014 in the African Institute for Capacity Development (AICAD, Kenya

### **Books/Book Chapters Published**

1. **Kawira M.**, Robert K. and Kamau J., (2016), ‘Technology of Heat Exchanger For Solar Power – A Practical Approach. Lambert Publishers. Germany.