

CURRICULUM VITAE

PERSONAL DETAILS

Name : Benjamin Mbaluka john
Date of birth : 17th May 1985
Gender : Male
Nationality : Kenyan
Religion : Christian
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Marital status : Married
Email address : bmbaluka@seku.ac.ke, benjamin.mbaluka@yahoo.com

WORK EXPERIENCE

Oct 2012- to Date: South Eastern Kenya University (SEKU)

Position: Technologist (Physics) – Department of Physics and Electronics)

June 2011- Oct 2012: Cooperative Bank of Kenya

Position: Direct Sales Representative

ACADEMIC BACKGROUND

May 2013 - To Date: Jomo Kenyatta University of Agriculture and Technology (JKUAT)

MSC in Physics (Thesis): Correlation of optical contrast and transmittance of Multilayer graphene with number of layers.

2007 - 2011: Kenyatta University

Bachelor of Education (Science) - Mathematics and Physics
2nd Class Honours (Upper Division)

2002 – 2005: Muthingiini High School

Kenya certificate of Secondary Education (KCSE)
Mean Grade A-

PEER REVIEWED PUBLICATIONS

1. **B. M. John**, P. K. Ngumbi, N. Katumo, S. W. Mugo, N. S. Timonah and J. M. Ngaruiya (2015). Determination of graphene layers by optical imaging contrast analysis. *International Journal of Innovative Research in Science, Engineering and Technology*, **4**(11):1111-1115.
2. N. Katumo, S. W. Mugo, J. M. Ngaruiya, P. K. Ngumbi, and **B. M. John (2015)**. Graphene Supported Platinum Counter Electrode for Dye Sensitized Solar Cells. *International Journal of Innovative Research in Science, Engineering and Technology*, **4**(12):12252-12258.

PROCEEDINGS OF CONFERENCES

1. Facile and reliable determination of multilayer graphene thickness using optical microscopy, **B. M. John**, P. K. Ngumbi, K. Ngei, S. W. Mugo, N. S. Timonah, J. M. Ngaruiya and C. K. King'andu. Chuka University, 2nd International research Conference, 28th – 30th Oct, 2015.

REFEREES

<p>Dr. Onesmus Maweu Chairman, Department of Physics and Electronics South Eastern Kenya University P.o box 170 -90200, Kitui. Mobile No. 0724853076 omaweu@Seku.ac.ke</p>	<p>Prof. Augustus Wali Dean, School of Pure and Applied sciences South Eastern Kenya University, P.o box 170 -90200, Kitui. Mobile No. 0722424575 awali@Seku.ac.ke</p>
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