




**UNIVERSITY OF KABIANGA**  
**ISO 9001:2008 CERTIFIED**  
**ACADEMIC STAFF MEMBER'S PROFILE**

**PATRICK MWANGI KIMANI**

	<p><b>PERSONAL DETAILS</b> P.O BOX 2030 – 20200 Kericho, Kenya</p> <p><b>GENDER: MALE</b> <b>CURRENT RESPONSIBILITY: TUTORIAL FELLOW</b></p> <p><b>EMAIL ADDRESS: pkimani@kabianga.ac.ke</b></p> <p><b>MOBILE: +254 720 689 377</b></p>
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**EDUCATION QUALIFICATION**

<p>May 2015 to date: PhD. In Pure Mathematics, Kenyatta University</p> <p>2012-July 2014: Masters of Science (Pure Mathematics), Kenyatta University</p> <p>2007-2012: Bachelor of Education (Science); First Class Honours, Kenyatta University</p>
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**FIELD OR AREA OF SPECIALIZATION**

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## PROFESSIONAL QUALIFICATION

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## TEACHING EXPERIENCE

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## SELECTED PUBLICATIONS

### International Publications

1.	Kimani P., Rimberia J., Muthoka G. and Lao H. (2014). Application of Marks to Computation of Ranks and Subdegrees of the Symmetric Group Acting on Ordered Pairs and on Ordered Triples. <i>Journal of Mathematical Theory and Modeling</i> 4:95-102.
2.	Muthoka G., Kamuti I., Lao H., and Kimani P.M. (2015) Cycle Index Formulas for $D_n$ Acting on Unordered Pairs. <i>Journal of Mathematical Theory and Modeling</i> 5: 16-22.
3.	Kimani P., Rimberia J., Muthoka G. and Lao H. (2015). Application of Marks to Computation of Ranks and Subdegrees of the Symmetric Group Acting on Ordered 4-element and on Ordered 5-element subsets. <i>Journal of Mathematical Theory and Modeling</i> 5:17-24.
4	Lao H., Kivunge B., Muthoka G. and Kimani P.M. (2015). Enumeration of Cyclic Codes Over $GF(17)$ . <i>Journal of Scientific Research and Innovative Technology</i> 2:103-111.
5	Kimani J.G., Kinyanjui J..N, Rimberia j, Kimani P. and Muchemi J.K. (2015) Transitivity Action of $A_n$ on $(n=4,5,6,7)$ on Unordered and Ordered Quadruples. <i>Journal of Mathematical Theory and Modeling</i> 5:111-123.