

## DEPARTMENT OF MATHEMATICS



**Name of Staff:** Dr. Joshua Kipkorir Limo

**Designation:** Lecturer

**Laikipia University:** School of Science and Applied Technology

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### Educational Background

PhD in Applied Mathematics, University of Eldoret (2016)

Masters in Applied Mathematics, Kenyatta University, Kenya (2009)

Bachelors Science in Mathematics (Second Class Honours Upper Division) Jomo Kenyatta University of Agriculture and Technology (2004)

Diploma In Science Education, Kenya Science Teachers College (2000)

### Brief Auto-biography of the Department

The department of Mathematics offers BSc. Statistics programme and services several departments in the university. It has staff in all the branches of Mathematics.

### LIST OF PUBLICATIONS

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1. **J.K. Limo**, J.K. Bitok, A.W. Manyonge and C.C Wanjala: 'Hydrodynamic Analysis of a Fixed incline Slider Bearing'; *Inter-national J. of Pure and Eng. Mathematics (IJPEM)*, vol.3, no.3,(December 2015, pp. 23-38, ISSN: 2348-3881, Ascent Publication, 2015.
2. C.C. Wanjala, A.W. Manyonge, **J.K. Limo**, and J. Maremwa: 'On the Solution of the  $n$  Dimensional Wave equation': *Inter-national J. of Pure and Eng. Mathematics (IJPEM)*, vol.3, no.1,2015, pp. 235-234 ISSN: 2348-3881, Ascent Publication, 2015.

3. C.C. Wanjala, A.W. Manyonge, **J.K. Limo**, and J. Maremwa: 'On The Riesz-Thorin Interpolation Theorem': *International Journal of pure and Engineering Mathematics (IJPEM)* vol.3. no. II(2015), pp. 27-32. ISSN: 2348-3881, Ascent Publication, 2015.

## **CONFERENCES ATTENDED**

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1. Attended The 2nd Kenyatta University International Mathematics conference held between 16<sup>th</sup> to 19<sup>th</sup> June 2015 at Kenyatta University. I presented a paper entitled "*The Riesz-Theorin Interpolation Theorem*"
2. Attended The 3<sup>rd</sup> Laikipia University International Conference held between 24<sup>th</sup> May to 27<sup>th</sup> May 2016 at Laikipia University. I presented a paper entitled "*Hydrodynamic Analysis of a Fixed Incline Slider Bearing*"

## **Research Interest**

Fluid dynamics, Numerical Analysis, Engineering, Applied and computational mathematics