CURRICULUM VITAE

DR. MARITIM KIPRONO SIMEON

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PERSONAL DATA

NAME	:	MARITIM KIPRONO SIMEON
DATE OF BIRTH	:	30TH DECEMBER 1961
PLACE OF BIRTH	:	BOMET, KENYA
NATIONALITY	:	KENYAN
IDENTITY CARD	:	5297369
GENDER	:	MALE
NATIONALITY	:	KENYAN
RELIGION	:	CHRISTIAN
MARITAL STATUS	:	MARRIED TO (MRS) B. MARITIM
CHILDREN	:	COLLINS, NELLY, ASBEL, FAITH, TYRUS & BRIAN
LANGUAGES	:	ENGLISH, KISWAHILI AND KIPSIGIS
CURRENT POSITION	:	LECTURER BOMET UNIVERSITY COLLEGE
FORMER ADMINISTRATIVE POSITION	:	PRINCIPAL KAPOLESEROI SEC. SCHOOL
CHAIR BOM	:	CHAIRMAN OF BOARD OF MANAGEMENT BINGWA SEC. SCHOOL

PERSONAL STATEMENT

I am an inspirational mathematics researcher offering over 20 years' experience in teaching, administrative and initiatives to promote students success and achievement.

Shows leadership experience having served many/several students across multiple institutions, coupled with profound expertise in the development, implementation, evaluation and continuous improvement of challenging educational situations and inspiring curricula. I am a passionate education advocate, successful in teaching, research and evaluation of students.

A firm hands on and results oriented transformative leader, practicing professionalism, team work and team spirit both institutionally and in the community service.

Currently, working as a lecturer, who holds a Phd and Masters in Applied Mathematics and a number of publications in World Journal of Engineering Research and Technology and International Journal of scientific & Engineering Research.

EDUCATIONAL BACKGROUND

2010 – 2019	:	PhD (Mathematics) at University of Eldoret
Option taken	:	Applied Mathematics
Thesis Title	:	Hybrid Hopscotch Method for solving two dimensional system of Burgers Equation; Supervised by Prof Bitok, Prof Joel Tonui & Dr. Victor Kimeli
2007 – 2009	:	M.Sc(Mathematics) at Kenyatta University
Option taken	:	Applied Mathematics
Thesis taken	:	Comparison of 2 and 3-level Crank-Nicholson Based method on solutionof Heat Equation; Supervised by Dr. Alfred Koros and Dr. Francis K. Gatheri
1999-2003	:	B.ED (Science) at Kenyatta University Majored in Mathematics and Physics
1994- 1996	:	Diploma in Education (Science) at Kenya Science Teachers college Majored in Mathematics and Physics
1991&1993	:	Private KCSE candidate Grade C+ & B- respectively.
1985 – 1986	:	Litein High school Grade two subsidiaries
1981 – 1984	:	Mawego Technical School Grade O' level, Division II, 31 points
1974-1980	:	Kapoleseroi Primary school CPE, 35/36 points

HONOURS AND AWARDS

20th October, 2020: Received Head of State Commendation (HSC) award during the Mashujaa day celebration, the year 2020. Honored for efforts in promoting education initiatives, involvement in other development programs and peace initiatives in Bomet County.

ACADEMIC AND PROFESSIONAL CAREER

2020 – to Date : Lecturer Bomet University College

2017 -2020 : Part-time lecturer Bomet University College.

Lectured and examined students on: Vector analysis, Linear Algebra I, Ordinary Differential Equation I, Basic Mathematics and Analytic Geometry, Calculus, Complex Analysis I, Numerical Methods at School of Education.

2009 -2017 : Part -time lecturer, University of Kabianga.

Lectured and examined students on: Linear algebra, Numerical Analysis, Fluid Mechanics, Vector Analysis, Dynamics, Calculus and Ordinary Differential Equation I at School of Science and Technology.

2008 – 2011 : Senior graduate teacher Job group 'M' at Kapoleseroi Secondary School

Taught Mathematics and Physics.

2003 – 2008 : Approved teacher status I job group 'L' at Kapoleseroi Secondary school.

Taught Mathematics and Physics

1999-2003 : Approved teacher status II job group 'K' at Kapoleseroi Secondary school.

Taught Mathematics and Physics

1997-1999	:	Diploma trained teacher job group 'J' at Kapoleseroi Secondary school Taught Mathematics and Physics
1991-1994		Untrained TSC teacher at Kapoleseroi Secondary school Taught Mathematics and Physics
1987-1991		Untrained TSC teacher at Mengwet Primary school Taught Science, Mathematics and Art & Craft

ACHIEVEMENTS AS UNTRAINED TEACHER AT MENGWET PRIMARY SCHOOL (1987-1991)

- Many pupil excelled in Mathematics.
- Introduced Art and Craft having been in a technical school at 'O' level.
- Many pupils got technical skills needed for masonry, carpentry and plumbing.
- Started guidance and counseling sessions where pupils were encouraged to pursue education to higher levels.

ACHIEVEMENTS AS UNTRAINED TEACHER AT KAPOLESEROI SECONDARY SCHOOL (1991-1994)

- The student population increased from 18 to 80.
- Got an opportunity to have linkages with performing schools. The student performance improved.
- Encouraged parents who could not afford to pay school fees to pay in kind. The student population increased.

- Encouraged colleagues to pursue/further education privately. Some welcomed the idea and we registered for KCSE privately.
- Emerged as the best private candidate scoring C+(KCSE 1991), B-(KCSE 1993) in Bomet District.

ACHIEVEMENTS AS DEPUTY PRINCIPAL KAPOLESEROI SECONDARY SCHOOL (1998-2007)

- Students discipline generally improved
- Academic performance in KCSE improved.
- Managed to fundraise to support the needy students.
- Locally fundraised for completion of form three classroom construction.
- Encouraged parents who could not afford to pay school fees to pay in kind. Consequently the student population increased.

ACHIEVEMENTS AS DIRECTOR OF MARA/IMARA SCHOOLS (2012-2020)

- Voluntarily retired from TSC because of passion to promote Education initiatives.
- Became a director of Mara/Imara schools
- Initiated programs to support the orphans and the needy in the school and other schools.
- Supported development of educational infrastructure in schools within the community.
- Boosted competition among the schools both the public and private.
- Created employment opportunities for the locals.
- Enhanced business opportunities within and without the community.

ACHIEVEMENTS AS A BOM CHAIR BINGWA SECONDARY SCHOOL (2016-2018)

- Promoted learning exposure tours in the school.
- Provided laboratory equipment and chemicals using own resources.
- Sponsored orphans in the school.
- Sponsored the construction of a permanent school library.
- As a results of these infrastructural development and initiatives, the school's academic performance went up. The school realized the first ever student to qualify for University admission through KUCCPS.

PUBLICATIONS

1. **Maritim, S.K.** and Rotich, J.K(2019). Hybrid Hopscotch Method for Solving Two Dimensional System of Burgers' Equation. *International Journal of Science and Research* (IJSR), 8(8), 492-497

2. **Maritim, S.K.** (2019).Modified Crank-Nicholson Based Methods on the solution of I-D Heat Equation. Nonlinear Analysis and Differential Equations-Hikari, 7(1), 33-37. *https://doi.org/10.12988nade.2019.*4920

3. **Maritim, S.K.,** RotichJ.K., Bitok J.K., Tonui J.K, & Kimeli V.K(2018). Hopscotch-Crank-Nicholson-Lax Fredrick (HP-CN-LF) Hybrid Method for solving two dimensional system of Burgers' equation. *World Journal of Engineering Research and Technology WJERT, 4(5),*422-432

4. **Maritim, S.K.,** RotichJ.K., and Bitok J.K.(2018). Hybrid Hopscotch Crank-Nicholson-Du Fort and Frankel (HP-CN-DF) Method for solving Two Dimensional System of Burgers' Equation. Applied Mathematicsal Sciences. *https://doi.org/10.12988/ams.2018.8798,12(19),* 935-949.

5. John K. Rotich, **Simeon K. Maritim**, Jacob K. Bitok (2014). Crank-Nicholson-Lax-Friedrich's Finite Difference Schemes Arising from Operator Splitting for 2-Dimensional Heat Equation" *International Journal of scientific & Technology Research* IJSTR, 3(11), 303-306.

6. John K. Rotich, Jacob K. Bitok, **Simeon K. Maritim**, Kirui Wesley (2014). Crank-Nicholson-Du Fort and Frankel-Lax-Fredrich's Hybrid Finite Difference Scheme Arising from Operator Splitting for solving 2-Dimensional Heat Equation. *International Journal of scientific & Engineering Research* IJSER, 5(10),931-934

INTERESTS

Reading educative literature, listening to Christian literature and athletics.

REFEREES

1. Dr. John M. Momanyi

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3. Dr. John K. Rotich

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