

CURRICULUM VITAE

Surname : Mile
Other names : Justus Kitheka
Date of Birth : 1974
Citizenship : Kenyan
Sex : Male
Languages : English, Kiswahili
Designation : Lecturer
School of Mathematics
University of Nairobi
Qualifications : MSc and Ph.D. in Pure Mathematics (with a specialization in Operator Theory)
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EDUCATIONAL BACKGROUND

Year	Schools/Universities Attended
1981 – 1989	: Kanyaa Primary School, Mwingi
1990 – 1993	: St. Joseph’s Seminary, Mwingi.
1995 – 1999	: Moi University, Eldoret, Kenya
1999 – 2002	: Moi University, Eldoret, Kenya
2005 - 2009	: Maseno University, Kisumu, Kenya

QUALIFICATIONS OBTAINED

2009 : Ph.D in Mathematics (Maseno University)
Area of specialization: Pure Mathematics – Analysis
(Operator Theory).

Research topic: Study of Non-normal Operators in a Complex Hilbert Space.

2002 : Master of Philosophy in Pure Mathematics
1999 : Bachelor of Science (Mathematics)

EMPLOYMENT HISTORY

Feb 2010 - date : Lecturer, University of Nairobi, School of Mathematics
2003-to Feb. 2010 : Lecturer, Mathematics & Computer Science Department, Moi University
Aug. 2001 - March 2003 : Assistant Lecturer, Kenya Methodist University, Meru
Sept. 1999 - April 2001 : Conducting Tutorials for Undergraduate students, Moi University
May – Sep. 1997, 98, 99 : B.O.G Teacher, Ngutani Secondary School, Mwingi
March 1994 – Aug. 1995 : Mathematics/Physics Teacher, Matinyani High School, Kitui.

RESEARCH PAPERS AND PUBLICATIONS:

- 1). Mile J. K.; Simiyu A. N.; Rao G. K. R: “Similarity of Operators in a Complex Hilbert Space”, East African Journal of Pure and Applied Science, vol.1, pg.101-106, 2008.
- 2). Mile J. K., Simiyu, A. N., Rao G. K. R: “Unitary Equivalence of the Unilateral Shift”, East African Journal of Pure and Applied Science, vol.1, pg.121-124, 2008.
- 3). Mile J. K.; Rao G. K. R and Ogonji J.A., Simiyu A.N., “Study of Non-normal Operators in a Complex Hilbert Space”, Journal of Mathematical Sciences (Dattapukur), 19, No.2, 2008.
- 4). Mile J. K.; Rao G. K. R and Ogonji J.A. “Some Examples of Non-Normal Operators in a Hilbert Space”, “Journal of Agriculture, Pure and Applied Science & Technology, vol.2, pg.19-31, ISSN 2073-8749(Africa online Journal), 2009.
- 5). Mile J. K., Rutto James: “Some Aspects of Numerical Ranges of Bounded Linear Operators in a Complex Hilbert Space”, Journal of Mathematical sciences, Dattapukur, vol.20.No.4, 2009.
- 6). Mile J.K., Moindi S. K., Nzimbi B.M.: On the Characterization of Class R_1 or Non-Normal Operators, Pioneer Journal of Mathematics, 2012.

- 7). Simiyu A.N., Mile J. K., Rao G.K.R.:On The Relationship Between the Spectrum and Numerical Range of a Unbounded Linear Operator, Journal of Mathematical Sciences, vol.23.No.2,May 2012.
- 8). Were J. H.,Mile J.K.,Classification of Operators With the Property $\operatorname{Re} \sigma(T) = \sigma(\operatorname{Re} T)$, Global Journal of Pure & Applied Mathematics, www.ripublication.com., October 2012.
- 9). Mile J.K., Were J.H., Characterization of Operators of Class G_1 , Spectral G_1 , Class $\operatorname{loc}-G_1$ & Spectral $\operatorname{loc}-G_1$ in a Hilbert Space, Pioneer Journal of Mathematics & Mathematical Sciences, <http://www.pspchv.com>, Nov. 2012.

COMPLETED SUPERVISION OF POSTGRADUATE STUDENTS:

1. Ngetich David, Masters in Pure Mathematics, Moi University.
2. Matayo Nyongesa, Masters in Pure Mathematics, Moi University.
3. Chepkemoi Leah, Masters in Pure Mathematics, Kenyatta University.

ONGOING SUPERVISION OF POSTGRADUATE STUDENTS

1. Kikete Dennis W., PhD in Pure Mathematics, University of Nairobi.
2. Wamalwa Abiud Masinde, Msc. Pure Mathematics, University of Nairobi.

CONFERENCES ATTENDED:

- 1) 2nd International Moi University Conference on August 2006 and presented 2 papers.
- 2) 2nd J. K. U. A. T. International Conference 26th – 27th October, 2006 and presented 2 papers.
- 3) 5th International Moi University Conference on 4th -8th August 2009, presented one paper.
- 4) First Kenyatta University International Mathematical Conference, 8th-10th June, 2011. Presented one paper.
- 5) School of Mathematics University of Nairobi Curriculum Review Workshop at Egerton University Resource Center, 26th -29th June 2010.
- 6) 2nd East & Central Africa Universities Mathematics Program Conference, 22nd-25th August 2012, ARUSHA ,Tanzania.

RESPONSIBILITY HELD

2005-2008 : Examinations Officer, Dept. of Mathematics & Computer Science
Moi University

- 2008 -2009 : Time table coordinator, Dept. of Mathematics & Computer Science,
Moi University.
- 2011- Date : University of Nairobi, College of Biological & Physical Sciences,
Chairman, College Committee on Persons With Disabilities(C.B.P.S.)

REFERENCES

1. Prof. G. K. Rao,
Professor , Pure Mathematics,
Maseno University,
Mathematics Department,
P. O. Box Private Bag,
MASENO, Kenya.
Tel. 0720644 330
2. Dr. J.H. Were
Director, School of Mathematics
University of Nairobi,
P.O. Box 30197-00100
NAIROBI, Kenya.
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3. Prof. John M. Mutiso
Head,Dept.of Mathematics
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