



KIBABII UNIVERSITY COLLEGE
(A Constituent College of MasindeMuliro University of Science and Technology)

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CONFIDENTIAL QUESTIONNAIRE FOR POSITION OF PROFESSOR*

**Please refer to the signed UASU CBA*

Instructions/Format for Submission

1.7.1 Personal Details

Name of Applicant: SHEM OMUKUNDA AYWA PF/No. 068

Department: PLANNING, ADMINISTRATION AND FINANCE

Area of specialization PLANNING, ADMINISTRATION AND FINANCE

Indicate year of graduation 1999 University POTCHEFSTROOM S.A

Area of specialization FUNCTIONAL ANALYSIS

Certificate Number N/A

1.7.2 Indicate date of appointment to Associate Professor and length of time to date SEPTEMBER 2005 (TEN YEARS) _____

1.7.3 List article reference, Journal volume and number and year of publication. Indicate either author or co-author since appointment as associate professor.

(i) OWINO M.O. AND AYWA S. “MEASURABLE FELLER SEMIGROUPS ON IR^N ,” J-STEM (2007) ISSN 1991 – 2889 _____

(ii) ROTICH T, OCHIENG O.D AND AYWA S. “INCOME SOURCE DIVERSIFICATION AND FINANCIAL PERFORMANCE OF COMMERCIAL BANKS IN KENYA.” INTERNATIONAL JOURNAL OF BUSINESS AND PUBLIC MANAGEMENT (2011) _____

(iii) MUSUNDI S, AYWA S. AND FOURIE HJ “EQUIVALENT BANARCH OPERATOR IDEAL NORMS” INTERNATIONAL JOURNAL OF MATHEMATICAL ANALYSIS VOL.6(2012) NO. 1 PP19-27 _____

(iv) BOOK:- RAO W. AYWA S., OGONJI J. “ASPECTS OF (P,Q) – SUMMING MULTIPLIERS” VDM VERLAG DR. MULLER AKTIENGE LISCHAFT AND CO. K.G. ISBN 978-3-639-23548-7 (2010) _____

(v) BOOK:- PRIMARY MATHEMATICS METHODOLOGY (NEW SYLLABUS) BY W. TSUMA WA TSUMA (EDITED AND REVIEWED BY PROF. SHEM AYWA) _____

(see C.V. attached)

1.7.4 List of supervised graduates by name, year of graduation and level, whether Masters or Doctoral.

S/No.	Name of Student	Year of Graduation	Masters	Doctorate
1.	IGUNZA NICHOLAS (MASENO)	2003	✓	
2.	RAO WYCLIFFE (MASENO)	2003	✓	
3.	OWINO MAURICE (MASENO)	2004	✓	
		2010		✓
4.	NYAMWALA OLUOCH (MASENO)	2004	✓	
		2010		✓
5.	MAKILA PATRICK (MMUST)	2009	✓	
		ONGOING		✓
6.	MATUYA JOHN (MMUST)	2009	✓	
		2013		✓
7.	MARANI VINCENT (MMUST)	2009	✓	
		ONGOING		✓

(see C.V attached for more)

1.7.5 Indicate number of conferences, seminars or workshops indicating participation by either attendance or presentation of papers.

Title of Conference/Seminar/Workshop	Participation Only	Presentation
1. DEANS INTERNATIONAL COURSE GERMANY (2007)		✓
2. DIRECTORS CORPORATE GOVERNANCE COURSE (2011)		✓
3. 1 ST KENYATTA UNIVERSITY INTERNATIONAL CONFERENCE (2011)		✓
4. FIRST NATIONAL COUNCIL FOR SCIENCE WEEK (2012)		✓
5. FIRE, RISK MITIGATION AND PREPAREDNESS WORKSHOP (2009)		✓
6. GENDER SENSITIZATION WORKSHOP AT SAVONNA (2008)	✓	
7. RISK MANAGEMENT WORKSHOP ON 21 ST JUNE (2013)	✓	

(see C.V. attached)

1.7.6 Indicate membership to professional bodies and registration number.

(i) _____ MACKNET KENYA _____

(ii) _____ SOUTH AFRICAN MATHEMATICAL SOCIETY _____

1.7.7 (i) List of contributions to the University

1. CHAIRMAN, MATHEMATICS DEPARTMENT (2003 – 2006) AT MMUST _____
2. DEAN FACULTY OF SCIENCE AND ENGINEERING (2006 – 2008) AT MMUST _____
3. MEMBER IDEC (2003 – 2013) AT MMUST _____
4. RETURNING OFFICER FOR STUDENT ELECTIONS (2005 – 2010) AT MMUST _____
5. CHAIRMAN MATHEMATICS DEPARTMENT (2011 – 2013) AT MMUST _____
6. MEMBER OF THE MATHEMATICS DEPARTMENT OF KIBABII UNIVERSITY COLLEGE (2013 TO DATE) _____
7. DEPUTY PRINCIPAL (PAF) KIBABII UNIVERSITY COLLEGE (2013 – PRESENT) _____

(ii) List contributions to the Community

1. MEMBER OF BOG EBBAYI SECONDARY SCHOOL (2010 – PRESENT) _____
2. CHAIRMAN BOG MATENDE GIRLS SCHOOL (2011 – PRESENT) _____
3. PASTOR KAKAMEGA PENTECOSTAL CHURCH (2009 – PRESENT) _____
4. MOTIVATIONAL SPEAKER IN MATHEMATICS (SEE ATTACHED) _____
5. MEMBER PTA MOI GIRLS' HIGH SCHOOL(2007-2010) _____

(iii) List of contributions to national life

1. DEVELOPED THE FOLLOWING PROGRAMMES:-
 - (i) BSC. MATHEMATICS – MMUST, MASENO UNIVERSITIES AND KIBABII UNIVERSITY COLLEGE
 - (ii) MSC. PURE MATHEMATICS – MMUST, MASENO UNIVERSITY AND KIBABII UNIVERSITY COLLEGE
 - (iii) MSC. APPLIED MATHEMATICS – MMUST, MASENO UNIVERSITY AND KIBABII UNIVERSITY COLLEGE
 - (iv) MSC. STATISTICS – MMUST, MASENO UNIVERSITY AND KIBABII UNIVERSITY COLLEGE
 - (v) PH.D PURE MATHEMATICS (MMUST) AND KIBABII UNIVERSITY COLLEGE
 - (vi) PHD. APPLIED MATHEMATICS – MMUST AND KIBABII UNIVERSITY COLLEGE
 - (vii) PHD. STATISTICS – MMUST AND KIBABII UNIVERSITY COLLEGE
 - (viii) BRIDGING COURSE IN MATHEMATICS – MMUST, MASENO UNIVERSITY AND KIBABII UNIVERSITY COLLEGE

(iv) List contributions to the international life

1. MEMBER OF INTERNATIONAL DEANS COURSE ALUMNI (2008 – PRESENT) _____
2. DAAD ALUMNI (2008 – PRESENT) _____
3. REAL NETWORK ALUMNI(2008-PRESENT) _____
4. ATTENDED AND PRESENTED IN THE JOINT MATHEMATICS CONFERENCE (SAMS, AMS, SAMSA, LMS, UNESCO) AT PRETORIA UNIVERSITY SOUTH AFRICA (2007) _____
(see C.V. for Others)

1.7.8 List your active contribution in:

(i) Departmental matters _____

1. HEAD OF DEPARTMENT (2003 – 2006, 2011 – 2013) _____
2. TEACHING UNDERGRADUATE STUDENTS (1990 – PRESENT) _____
3. TEACHING AND SUPERVISING MASTERS STUDENTS (2000 – PRESENT) _____
4. INVOLVED IN RESEARCH “IDEAL SPACES” 2010 TO PRESENT _____
5. SUPERVISING PHD. STUDENTS (2009 – PRESENT) _____
6. WRITING NEW PROGRAMMES (BSC, MSC, PHD.) _____

(ii) Students' Academic Advice _____

1. SUPERVISING POST-GRADUATE STUDENTS _____
2. ADVISING UNDERGRADUATE STUDENTS _____
3. PATRON – EMUHAYA STUDENTS ASSOCIATION MMUST 2008 – 2013 _____

(iii) Faculty and University wide meetings _____

1. CHAIRMAN, FACULTY STRATEGIC PLAN COMMITTEE (2008 – 2013) MMUST _____
2. MEMBER OF IDEC (2003 – 2013) MMUST _____
3. RETURNING OFFICER S.G.C ELECTIONS (2005 – 2009) MMUST _____
4. CHAIRMAN USHERING COMMITTEE FOR GRADUATION CEREMONIES 2007-2012
MMUST _____
5. DEPUTY PRINCIPAL (PAF) KIBABII UNIVERSITY COLLEGE (2013 - PRESENT) _____

(iv) Research _____

1. INVOLVED IN JOINT RESEARCH WITH RESEARCHERS IN SOUTH AFRICA (N.W.
UNIVERSITY) (2009 – PRESENT) _____
2. UNIVERSITY RESEARCH FUNDS FOR RESEARCH 2009 _____
3. NATIONAL COUNCIL FOR SCIENCE AND TECHNOLOGY FUNDS FOR PHD.
STUDENTS (1.2M - 2010 – 2012, (0.4M - 2011 – 2013), (0.8M – 2014) TOTAL = 2.4
MILLION _____

(v) Effective Teaching _____

1. TAUGHT THE FOLLOWING COURSES SINCE 1990 TO PRESENT _____

- (i) MATHEMATICS UNDER-GRADUATE COURSES: (i) MASENO UNIVERSITY
(ii) MMUST
(iii) KIBABII UNIVERSITY COLLEGE
- (ii) MATHEMATICS POST-GRADUATE COURSES _____
- (iii) BRIDGING COURSE IN MATHEMATICS _____
- (iv) MANAGEMENT SCIENCE IN EPM – MMUST _____
- (v) EXTERNAL EXAMINER KABARAK UNIVERSITY (2003 – 2005) _____
- (vi) EXTERNAL EXAMINER JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND
TECHNOLOGY (2009 – 2012) _____

Resume

PERSONAL INFORMATION

Last Name: AYWA
First Name: SHEM OMUKUNDA
Date of Birth: 15th December, 1962
Gender: Male
Telephone (Office):
Mobile phone: +254 021204913
Electronic Address: shemaywa2000@yahoo.com
Mail Address: Deputy Principal (Planning, Administration & Finance), Kibabii University College, P.O. Box 1699, BUNGOMA – 50200

Teaching Experience:

1987-1988 Teacher, Bunyore Girls High School
1990 – 1991 Assistant Lecturer, Maseno University
1991 – 2000 Lecturer, Maseno University
2000 – 2003 Senior Lecturer, Maseno University
2003 – 2005 Senior Lecturer, MasindeMuliro University of Science & Technology
2005 – 2013 Associate Professor, MasindeMuliro University of Science & Technology
2013 – PRESENT Associate Professor, Kibabii University College

Academic Qualifications

1984 – 1987 B.Ed (Double Maths), Kenyatta University
1988 – 1990 M.Sc (Pure Maths), Kenyatta University
1996 – 1999 Ph.D. (Functional Analysis), Potchefstroom University, S.A

Administrative Experience

2003 – 2006 Chairman, Mathematics Department, MMUST
2003 – 2013 Member, MMUST Strategic Plan Committee (IDEC)
2006 – 2008 Dean, Faculty of Science and Engineering, MMUST
2006 – 2013 Member, MMUST Tender Committee

2008 – 2013	Chairman, Faculty of Science Strategic Plan Committee, MMUST
2013 – 2013	Member, Automated MMUST Library Management System
2011 – 2013	Chairman, MMUST Mathematics Department
2007 – 2013	Chairman, Steering Committee MMUST Eburnangwe Campus
2009 – 2013	Chairman, Steering Committee for MMUST Kaimosi Center
2009 – 2013	Chairman, Steering Committee for MMUST Mt. Elgon Center
2013 – present	Deputy Principal (Planning, Administration & Finance) Kibabii University College

Community Service

2007 – 2011	Member, PTA Moi Girls High School
2010 – present	Member, BoG, Ebbayi Secondary School
2011 – present	Chairman, BoG, Matende Girls Secondary School

Professional Societies

Member of MACKNET, Kenya

Member of South African Mathematical Society

Other Academic Activities

1. Editor J-STEM Academic Journal Society
2. External Examiner in Pure Mathematics at Kabarak University 2002 – 2005
3. External Examiner in Pure Mathematics at Jomo Kenyatta University of Agriculture and Technology, 2007 – 2012
4. Editor Journal of Disaster Management and Humanitarian Assistance

Publications

1. Aywa S. “Sequence in the Range of a Vector-Valued Measure” Journal of School of Computer, Statistical and Mathematical Sciences (1999)
2. Aywa , S and Fourie, J. H. “On Convergence of Sections of Sequences in Banach Spaces”. Rendiconti del Circolo Matematico di Palermo. Series II, Tomo XLIX (2000), pg. 141 – 150
3. AywaS. and Fourie, J. H. “On Summing Multipliers and Applications”. J. Math Analysis and Applications 253 (2001), pg. 166 – 186
4. Aywa S. and Fourie J. H. “Spaces of Compact Operators and their Dual Spaces”, Business Mathematics and Informatics (2002) FABW-N-WST:2002-101
5. Aywa, S and Fourie, J. H. “Spaces of Compact Operators and their Dual Spaces” Rendiconti del Circolo Matematico di Palermo, Serie II, Tomo LIII(2004), pg. 205-224

6. Owino, M and Aywa, S. "Measurable Feller Semigroups on RN" J-STEM (2007) ISSN 1991 – 2889 Vol. No. 2 PP37-45
7. Musundi S. Aywa S. Jan Fourie, Matuya J. W. "Unconditional Banach Space Ideal Property" Journal of Mathematical Sciences Advances and Applications Vol. 18 No. 1 – 2, 2012pg 21 – 28.
8. P. Rotich, D. Ochieng and S. Aywa, "Income Source Diversification and Financial Performance of Commercial Banks in Kenya". International Journal of Business and Public Management (IJBPM), Vol. 1 No. 1 (2011). ISSN 2218-6603
9. S. Musundi, S. Aywa, and Fourie J. "Equivalent Banach Operator Ideal Norms". International Journal of Mathematical Analysis, Vol. 6 (2012) No. 1, pg 19-27
10. John W. Matuya, P. Makila, Simiyu A, S. Aywa, Musundi S. "On Characterization of U-ideals determined by Sequences" Asian Journal of Current Engineering and Maths ISSN No. 2277-4920 (2012)
11. Wanyonyi J. W. Simiyu A., Aywa S., Kirui S. C. "On Redemacher Boundedness in Operator-Norm "Journal of Agriculture, Pure and Applied Science and Technology ISSN 2073-8749 (2012).
12. Musundi S., Aywa S., Jan Fourie, Matuya J. W. "Unconditional Banach Space Ideal Property" Journal of Mathematical Sciences, Advances and Applications. Vol. 18 No. 1 – 2 (2012) pg 21 – 28
13. Matuya J. W., Simiyu A., Aywa S., "On Some Aspects of U-ideal Determined by c, and co." Research inventory: International Journal of Engineering and Science. Vol 2 Issue 9 (April 2013) pg. 19-23. ISSN€ 2278-4721 ISSN(p) 2319-6483.
14. Musundi S. W., Ombaka C. O., Njogu S. M., Muthengi F., Mugambi D. , Aywa S. O. "Conjecture of Banach Space Operator Ideals in Nuclear Spaces." Asian Journal of Current Engineering and Maths ISSN No. 2277-4920 (June 2013) pg 196 – 200.
15. Olege F., Aywa S., Rao R. D. K., Wanambisi A. "Ideals Cyclic Codes of the Mathematical Theory and Modelling ISSN 2224 – 5804 (p) ISSN 1225 – 05221 online Vol. 3 No. 7 (2013) Pg. 55-63.
16. Aldrin W. Wanambisi, CleophasMaende, Geoffrey MuchiriMuketha, Shem Aywa "A Probabilistic Data Encryption Scheme (PDES)" Journal of Natural Sciences Research, ISSN 2224-3186 (Paper) ISSN 2225-0921 (Online) Vol. 3, No. 1, 2013.
17. Aldrin W. Wanambisi, Shem Aywa, CleophasMaende, Geoffrey MuchiriMuketha "Factorization of Large Composite Integer" International Journal of Mathematics and Statistics Studies Vol. 1, March 2013, pp. 39-44.
18. Wanambisi A. W., Aywa S., Maende C., Muketha G. M. "Algebraic Approach to Composite Integer Factorization", International Journal of Mathematics and Statistics, March 2013.

19. Manyonge R. M., Aywa S., Odebero S., Poipoi M. "The Relationship between Students Socio-Economic Status and Access to Public University Education in Bungoma West District, Kenya". International Journal of Advanced Research (2013) Vol. 1 Issue 4 pp 244-251

Books

1. Aywa, S; Agure, J.O; Rao, W. "Aspects of (p,q) Summing Multipliers. VDM Verlag Dr. Muller Aktiengesellschaft & Co. KG. ISBN: 978 -3-639-23548-7 (2010)
2. Primary Mathematics Methodology by Tsuma Watsuma (Edited and Wrote a preface) 2011. ISBN 095-9974-9971-04
3. Fundamentals of Disaster Management and Humanitarian Assistance by Kiluva (Edited the book) 2011

Publications in Press

1. J. Matuya and S. Aywa on "Reedemacher Boundness in Operator Norm. Presented to Journal of Science Technology and Management (J-STEM) April 2012
2. Manyeny T, Maiyo J. K, Odebero S. O, Aywa "State of teaching facilities in Public middle level colleges in North-Rift Region, Kenya: Implications for wastage rates"

Thesis Examination

1. Bonyo Job Otieno, Msc. Thesis, "Norm of a Derivation", Maseno University 2010
2. Wambua Victoria, Msc. Thesis, "Calculations for mutations of quivers with potential" Maseno University 2010
3. Ambogo David Otieno, MSC. Thesis, "On completely Bounded Operators," Maseno University 2011
4. Kisengo Kibeu Samuel, Msc Thesis, "Numerical Ranges and Spectra," Maseno University 2011
5. Okoth Isaac Owino, Msc Thesis, Maseno University 2010
6. Samuel B. Sindayigaya, Msc Thesis, "Poverty Estimation Model with Assessment of One Cow One Family" MMUST 2010
7. Simiyu Achilles Nyongesa, PhD Thesis, Maseno University 2011
8. Okello Irene Ochieng, Msc Thesis, "Investigating the Maximal Determinant for an $N \times M$ Matrix, Jomo Kenyatta University, 2011
9. Makwata Harun Msc Thesis, "The Dynamics of a Fishery Model with Price Dependent harvesting, MMUST 2011
10. Rupiah Alice Shibia, Med Thesis, "The Perception of Civil Servants Towards promotion on Merit MMUST, 2010
11. Benard Wakhurapando, Msc Thesis "High Critical Temperature of Super-Conducting Cuprates," MMUST 2011

12. Michael OnyangoOjiema, “On the Structures of the Unit Groups of Power Four Radical Zero Commutative Completely Primary Finite Rings.” MSc. Thesis in Pure Mathematics, 2013

Reviewer/Referee

Journal of Agriculture, Science and Technology (JAGST), JKUAT, Kenya

Mentoring

1. Invited as Principal Guest at the Annual Maseno National Maths Contest, 5th June 2010
2. Invited as Guest Speaker at Kakamega High School 5th Edition Annual Mathematics Contest, 25th June 2011
3. Invited as Guest of Honour during Lugari District Education Day, 6th May 2011
4. Invited as Chief Guest at the District Evaluation Test release at St. Agnes Girls’ High School – Shibuye, 24th September 2010.
5. Invited as Guest of Honour at St. Joseph’s Mukulusu Secondary School, Annual General Meeting, Prize Giving and Prayers for candidates of 2009, 2nd October 2009.
6. Invited as Guest of Honour at Nyang’ori Boys High School’s Annual General Meeting cum Prize Giving Day on 8th June 2013.
7. Invited as Guest of Honour at Kimilili Boys’ High School’s Annual General Meeting cum Prize Giving Day in July 2013.
8. Invited as Guest of Honour at WamalwaKijana High School during the Bungoma Municipality Zonal Academic Day on 20th June, 2014

Participation in Conferences

1. SMSA Annual Conference – Pretoria 1997 – Sectional Convergence in Vector Sequence Spaces.
2. SMSA Annual Conference – Potchefstroom 2005:- Feller Semi Groups in R_n .
3. 1st Kenyatta University International Conference of Mathematics (8th – 10th June 2011), Kenyatta University.
4. The First National Council for Science and Technology week 7th – 11th May 2012.
5. 47th Annual Congress of the South African Mathematical Society November 2004, Pretoria.
6. Conference for Disaster Management and Humanitarian Security 11th – 13th October 2006, Kakamega.
7. 7th Leadership Development Workshop (LEDEV VII) at Kampala from 10th to 14th February, 2014.

Seminars Attended

1. Deans’ International Course, Osnurbruck, Germany, May 7th – 11th 2007.

2. Five Day Course for Directors in Corporate Governance Training, Whitesands, Mombasa, September 2011.
3. Deans' International Course, Nairobi – Kenya 1st – 2nd October 2007.
4. Deans' International Course, Addis Ababa, Ethiopia 11th – 15th February 2008.
5. Introduction to participatory Integrated Community Development Process, Golf Hotel, 10th – 14th August 2009.
6. Fire Risk Mitigation and Preparedness Workshop, MMUST 24th – 26th June 2009.
7. Implementation of ISO 9001:2000 Seminar, MMUST 29th – 31st May 2006.
8. The Gender Sensitization Workshop at Savona Isle Resort, Kakamega 2nd April 2008.
9. Two Day Course for Management and Council in Corporate Governance training at Kibabii University College in May 2014.
10. ANSTI Deans and Vice Chancellors' Conference Pretoria 2007.
11. Kibabii University College Council workshop from 6th – 10th November, 2013.
12. CUE University Exhibitions at Eldoret in March 2014.

Other Appointments

1. Returning Officer for the Students' Union Constitution Commission Review Referendum 14th November, 2008.
2. Chairman Ushering Committee for Graduation Ceremony 2007 – 2012.
3. Member of Committee for Symposium in Strategic Management and Planning 2008 to 2012.
4. Participated in the 2nd East Africa Universities Exhibitions in Kampala 6th – 8th June 2008.
5. Chairman Appeals Committee for Deans of Faculties Elections, 2011.

Research

1. Joint Research: Shem Away MMUST and Jan Fourie, North-West University S.A Title: "On Ideals in Banach Spaces" 2010 – present.

Supervision of MSc Students

1. Igunza, N. "On Numerical Ranges and Norms of Diversifications". MSc Thesis, 2003 Maseno University.
2. G. K. Rao "(p,q) Summing Multipliers and Applications MSc Thesis 2003 Maseno University.
3. Kagendo, J "Split Operator Method for Parabolic Partial Differential Equations". MSc Thesis, 2010, MMUST.
4. Mabonga, "Factors Influencing Access of Public University Education in Bungoma West District, Kenya". Med. Thesis, 2010. MMUST.
5. Owino Maurice MSc. Thesis 2005 "Measurable Feller Semi Groups on \mathbf{R}^N Maseno University.
6. Nyamwala Fredrick MSc. Thesis 2005.
7. Makila P. Wanjala, "Integrable Feller Semi Group on \mathbf{R}^N " MSc. Thesis 2009 MMUST.
8. Matuya John Wanyonyi, "Operator Valued Multiplier Theorems", MSc. Thesis, 2009 MMUST.

9. Mugele Joseph Odour, "Management of Secondary School Teachers Data in Kenya. A case of Busia District. M. Ed. Thesis 2009 MMUST.
10. Shikuku Beatrice Nakhanu, "Effect of Syllabus Coverage on Student Performance in Mathematics: A case of Kakamega South District, Kenya". M.Ed. Thesis, 2009 MMUST.
11. Wanambisi, Aldrin Wekesa. "Probabilistic of Secondary School Teachers Data in Kenya. A case of Busia District. MSc. Thesis 2009 MMUST.
12. Adegu, M. "Application of h-Ideals of Banach Spaces". MSc thesis 2011 MMUST.
13. Kaunda, Zachary K. "application of U-Ideals to Banach Spaces", MSc. Thesis 2011, MMUST.
14. Khaguli, R. "Galerkin Finite Element Solution for the Homogenous Burgers Equation". MSc Thesis 2011 MMUST.
15. Misiko, Simon Kakai. "Summing Operators on the Space $C([0,1],X)$ with values in c_0 . MSc thesis 2011. MMUST.
16. Teimet, Paul Rotich. "The Impact of Income Source Diversification on Financial Performance of Commercial Banks in Kenya". MSc Thesis 2011 MMUST.
17. Olwamba, Levi Otanga, "Investigating Cubic Measures with Application to Measurable Spaces". MSc Thesis, 2012 MMUST.
18. Aggrey Libendi Omamo "Zero Divisor Graphs of a Class of Commutative Completely Primary Finite Rings." MSc. Thesis 2013.

Supervision of PhD Students

1. Makila, Patrick. "Characterization of Banach Space Ideals in Operator Ideals". (Ongoing) MMUST.
2. Marani, Vincent, "Applications of Operator ideals". (Ongoing) MMUST.
3. Matuya, John. "On u-Ideals Determined by Sequences" Ph.D. (2013) MMUST.
4. Musundi, Wabomba, "On Norms of Ideals". PhD thesis, 2012. MMUST.
5. Olege, Fanuel. "Ideals of the Polynominal Ring $F_2[x] \text{ mod } (x^n-1)$ for error Control in Computer Applications (Ongoing) MMUST.
6. Wanambisi, Aldrin. "A Bounded Linear Operator on a Separable Hilbert Space with an Invariant Subsspace Applied to Cryptography". (2014) MMUST.

Research Awards

1. University Research Fund Awards of Kshs. 100,000.00, 2009. Title:- Promoting Mathematics and Physics Education in Schools in Kenya.
2. National Council for Science and Technology, Research Grant of Kshs. 1.2M for my Ph.D Student 2010-2012 on "Norms of Ideals".
3. National Council for Science and Technology, Research Grant of Kshs. 400,000.00 for my PhD Student 2011-2013 Title:- On U-Ideals Determined by Sequences.

4. National Council of Science and Technology (NASCOTI), Research Grant of Kshs. 800,000/= for my Ph.D. student 2014-2016.

Referees:

1. Professor Jacob Bittok,
Mathematics Department,
Eldoret University,
ELDORET.
2. Professor John Lonyang'apuo,
Senator,
ELGEYO MARAKWET,
3. Professor Romanus Odhiambo,
Deputy Vice Chancellor,
Academic Affairs,
Jomo Kenyatta University of Agriculture and Technology,
P.O. Box 6200 – 00200,
NAIROBI.