

CURRICULUM VITAE – OPONDO, MARY ATIENO

PERSONAL INFORMATION

Name: Opondo Mary Atieno
Sex: Female
Date of birth: 24th December, 1965
Nationality: Kenyan
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EDUCATION BACKGROUND

2021: Doctor of Philosophy (Ph.D): Applied Mathematics
Area of specialization: Tensor Analysis
Kenyatta University

2004: Master of Science (M.Sc): Applied Mathematics
Kenyatta University

2002: Bachelor of Education (Science): Mathematics and Chemistry
Second Class Honours (Upper Division)
Kenyatta University

1988: Diploma in Education (Science): Mathematics and Chemistry
Kenya Science Teachers College

1984: A - Level (Kenya Advanced Certificate of Education)
Mathematics, Chemistry, Biology and General paper.
Ng'iya Girls High School.

1982: O-level (Kenya Certificate of Education)
Ng'iya Girls High School.

ADDITIONAL TRAINING

- Setting university exams
- Effective Project planning and Evaluation in Health Research: KARI/WHO
- Module writing and vetting for Open, Distance and e-Learning: Kenyatta University
- Teacher Self Image: Strathmore College
- Guidance and Counselling Training: Amani Counselling and Training Institute.
- Computer Training: Loreto College Msongari
- Training of Trainers (T.O.T): Kenya Institute of Administration

EMPLOYMENT RECORD

- 2006 to present: **Kenyatta University,**
Lecturer
Department of Mathematics
- 2005: Kenyatta University,
Part- time Lecturer of Mathematical units in the Departments of
- Physics,
 - Engineering and Technology,
 - Communication and Information Technology (ICT).
- 1993 to 2004: Loreto Convent Msongari High School
Teacher of Mathematics and Chemistry
- 1992: Muguga High School
Teacher and Head of Mathematics Department
- 1988 to1991: Moi Girls Secondary School, Isinya
Teacher of Mathematics and Chemistry
- 1993 to 2005: International Correspondence School (I.C.S) - Kenya
Assisting adult students preparing for national and international
examinations privately and by correspondence.

ADMINISTRATIVE RESPOSIBILITIES

UNIVERSITY LEVEL:

1. **Acting Deputy Dean Student Affairs**, Kenyatta University office of the Dean Student Affairs, May to July 2012 and May to July 2013.
2. **Board Member**, Kenyatta University Directorate of Mentoring, 2012 to present, involved in the development and implementation of a five year Strategic Plan of the Directorate.
3. **Warden**, Kenyatta University Non-Resident female students, December 2010 to January 2015. Working under the office of the Dean Student Affairs, my duties included administration of general welfare and counseling of students who live off campus.
4. **Mentor**, Kenyatta University Mentoring Programme, 2006 to present. Duties include providing mentorship to newly admitted and continuing students.

5. **Mentor**, Kenyatta University Female Students in Science and Technology (KUFESST), 2005 to present. Duties include enhancement of female education and participation in Mathematics, Science and Technology
6. **Supervisor**, Teaching Practice Assessment, guidance and assessment of Bachelor of Education students on teaching practice (T.P.) in various parts of the country.
7. **Examinations Supervisor**, Open, Distance and e-Learning, Supervision of examinations and continuous assessment tests at Kenyatta University centres in different parts of the country.

SCHOOL LEVEL: SCHOOL OF PURE AND APPLIED SCIENCES (SPAS - K.U.)

1. **Member**, School committee on evaluation of Bachelor of Science (B.Sc.) applicants, May 2007 to present
2. **Member**, First Regional Scientific Conference of SPAS organizing committee, July 2009 to August 2010
3. **Member**, Technical Team on Establishment of a Centre of Excellence in Biotechnology, April 2007
4. **Member**, School Exhibition committee, February 2009 to present
5. **Member**, School Linkages and Capacity Building Committee, May 2008 to present

DEPARTMENTAL LEVEL: DEPARTMENT OF MATHEMATICS

1. **Co-ordinator**, Institutional (School) Based Programme, November 2007 to 2013
2. **Assistant Examinations Co-ordinator**, in charge of Institutional Based Programme, November 2007 to 2013
3. **Chairperson**, Departmental anti-corruption committee.
4. **Secretary**, Organizing Committee for Conference in Research in Mathematical Modelling, October 2012
5. **Secretary**, 1st International Kenyatta University Mathematics Conference Organizing Committee, June 2010
6. **Chairperson**, Credit Waiver/Credit Transfer Committee, August 2007 to March 2010 and 2013 to present.
7. **Secretary**, Credit Waiver/ Credit Transfer Committee, March 2010 to 2013
8. **Academic advisor**, Self Sponsored Students (Ruiru Campus)- September 2007 to 2009, Main Campus year two students – September 2009 to present

9. **Member**, Curriculum development committee for B.Sc. Mathematics and Computer Science and B.Sc. Industrial/Financial Mathematics, November 2009
10. **Member**, Organizing committee for Mentoring of African Research in Mathematics (MARM) sponsored Data Analysis Seminar, July 2009

COMMUNITY LEVEL

1. **Member**, Board of Management (**B.O.M.**), Rangala Boy's High School and Umina Secondary School, Siaya County.
2. Member of the National Youth Co-ordinators team for the Catholic Church.
3. Volunteer Counsellor and Mentor for young people
4. Youth Matron and Member of Strategic Plan Committee, St. Joseph's Catholic Church
5. Member of Church Development committee, Ugunja Catholic Church

PARTICIPATION/ATTENDANCE OF CONFERENCES/WORKSHOPS

- 2013: 1st Strathmore University Conference on Mathematical Modelling
- 2013: 1st Kenyatta University Conference on Mathematical Research and Modelling
- 2011: 1st Kenyatta University International Mathematics Conference
- 2010: 1st East African Regional Scientific Conference of Kenyatta University
- 2007: 2nd African Regional Congress of International Commission on Mathematics Instruction (ICMI), Catholic University of Eastern Africa
- 2006 and 2009: Capacity Building Workshops for Kenyatta University Mentors
- 2006: 5th Symposium on Training and Research on Pan African Mathematics: K.I.E.
- 2006: Workshop on Proposal writing for grant awards, Kenyatta University

REFEREES

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