


## Academic Staff Profile Template

### 1.1 Personal Profile

#### 1.1.1 Personal Details

<p>Name: Bunyasi Magero Fidelius Title/Qualification: Dr. Department: Mathematics and Actuarial Science Designation/Position: Lecture Email: Magero.fidelius@ku.ac.ke Contact Address: 43844-00100 Nbi Area of Specialization: -Pure Mathematics -Abstract Algebra Research Interests: -Group Theory and its applications -Mathematical programming Google Scholar: ORCID ID:</p>	
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#### 1.1.2 Academic & Professional Qualifications

- PhD in Pure Mathematics of Kenyatta University
- MSc in Pure Mathematics of Kenyatta University
- BEd (Science) of Egerton University

#### 1.1.3 Employment History

- April 2011 Tutorial Fellow Kenyatta University
- January 2016 Lecturer Kenyatta University

#### 1.1.4 Achievements

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### 1.2 Publications

#### 1.2.1 Referred Journals

- Sub-degrees of  $PSL(2,q)$  acting on the cosets of  $C(q-1)/k$  (**IJPAM-2017**)
- Cycle indices of  $PSL(2,q)$  acting on the cosets of  $C(q-1)/k$  (**IJSRIT-2019**)

#### 1.2.2 Books and Books Chapters

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#### 1.2.3 Conference/Workshops/Seminar Papers

##### 1.2.3.1 Conference Papers

- Sub-degrees of  $PSL(2,q)$  acting on the cosets of  $C(q-1)/k$
- Sub-orbits and suborbital graphs of  $PSL(2,q)$  acting on the cosets of  $C(q-1)/k$

##### 1.2.3.2 Workshops Papers

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##### 1.2.3.3 Seminar Papers

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#### 1.2.5 Student Co-authored Publications

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1.2.4 Other Publications

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1.3 Research

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1.4 Funded Projects

- Transitive permutation representations of  $PSL(2, q)$  (NACOSTI-010662)

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1.5 Conferenced/Workshops/Seminars Attended

1.5.1 Conferences Attended

- The Second Kenyatta University International Mathematics Conference (16<sup>th</sup>-19<sup>th</sup> June, 2015)

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1.5.1 Workshops Attended

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1.5.1 Seminars Attended

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1.6 Supervision of Postgraduate Students

1.6.1 Masters

- **Lydia Omori Kerubo** Action of symmetric group,  $S_5$  on the cosets of some of its non-maximal subgroups (on going)

- **Sanya Sikhaya** Fred The action of a matrix group  $G$  on a finite set  $GF(q)$  (on going)

- **Brian Waweru** Action of symmetry groups of platonic solids acting on their respective vertices. (on going)

1.6.2 Ph. D

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1.7 Professional/Consultancy (Editor/Peer review in journals, Networks/Collaborations, External Examiner, Patents)

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1.8 Community Service and Other Engagements

- Chairman BOM at Nambale Urban secondary school

- Student mentor

1.9 Affiliation of Professional Bodies

- South African Mathematical Sciences Association-**SAMSA**

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2.0 National and International awards and Recognitions

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2.1 Administrative Positions Held

2.1.1 Recognized university administrative positions

- **Coordinator** School of Pure and Applied Sciences (Kitui Campus)

- **Program leader** Bachelor of Science program (Kitui Campus)

### 2.1.2 Other administrative positions Held

- Time Table coordinator (Kitui Campus)
- Patron Catholic community (Kitui Campus)