

**African Mathematics Millennium Science Initiative (AMMSI)**  
**Mentoring African Research in Mathematics**  
An LMS-IMU-ICMS-AMMSI Initiative funded by  
The Nuffield Foundation and The Leverhulme Trust

**Application Form for Institutions in Africa**

*Please give us the following information. Use the headings below in your answers, and make sure that your answers take no more than one side of A4 in total. (You may use this sheet if you wish).*

**1. Name of the Department (or School/Faculty) of Mathematics, mailing and email addresses, telephone and fax numbers, website, including Name of Head/Chair/Director/Dean**

Department of Mathematics and Applied Statistics, Prof John O. Agure, Maseno University  
P.O.Box 333, Maseno, Kenya

**2. Name (s) and email address(es) of the contact person (s) for this project**

Dr. Silas N. Onyango, [s\\_onyango@hotmail.com](mailto:s_onyango@hotmail.com), [s\\_onyango@maseno.ac.ke](mailto:s_onyango@maseno.ac.ke)

**3. A brief description of the Department/School/Faculty, including staff distribution by rank, and teaching and research interests, in not more than 150 words**

The department offers courses in Mathematics, Statistics, applied Statistics and actuarial science at undergraduate

Staff distribution; s/ professors 1, A/professors 2, s/Lectures 2,

**4. A concise but specific description of the area(s) in mathematics, in which the Department/School/Faculty most needs collaboration, in not more than 200 words**

Financial Mathematics: This is a new area which has been introduced at undergraduate level and at the moment there are no staff trained for this, we need to enhance training and research

Actuarial Science: The course is offered at undergraduate level with most courses being taught by part-timers. We need to increase capacity building in the same area at Msc/ Phd levels

**5. Existing links, or recent contacts made, with specified institutions or individuals outside Africa, and any other experience**

Contact: Dr. Michael Ingleby, University of Huddersfield, UK  
Email; [m.ingleby@hud.ac.uk](mailto:m.ingleby@hud.ac.uk)

**6. Which of the five types of mentoring activity (see the section on "Activities" in the accompanying announcement), in order of priority, would be of most interest to the Department/School/Faculty?**

1.c 2.b 3.a 4.e 5.d

**Note:** Data you provide will be stored and processed on, and transferred between, computers systems of the sponsoring organisations.