UNIVERSITY OF DAR ES SALAAM

DEPARTMENT OF MATHEMATICS

PHD SCHOLARSHIPS IN MATHEMATICS AND MATHEMATICS EDUCATION

The University of Dar es Salaam, through the support of NORHED II Mathematics for Sustainable development project of the Department of Mathematics, wishes to announce **six** PhD scholarships for the period 2021/2022-2024/2025 academic years. This is a call for applications from eligible candidates for consideration of award of **four** PhD scholarships in **Applied Mathematics** and **two** PhD scholarships in **Mathematics Education**. Successful candidates will undergo PhD studies at the University of Dar es Salaam, with some short supervision visits to the University of Bergen or Makerere University depending on the supervision needs for a particular PhD student.

The PhD training will commence in October 2021 and will be supported for a period of **four years** on a full-time basis. The PhD in Mathematics (Applied Mathematics stream) candidates will be trained on the existing PhD in Mathematics by Coursework and Dissertation programme while those in Mathematics Education will follow an existing PhD programme from the School of Education at the University of Dar es Salaam.

Eligibility for the FOUR students for award of PhD scholarship in Mathematics (Applied Mathematics Stream)
The applicant must
- be a Tanzanian citizen.
- be a holder of a **Master's degr**ee in **Mathematics.**
- demonstrate the ability to think creatively and work independently and also be able to work in a team of researchers from Tanzania, Norway and/or Uganda.
- undertake a PhD research project in Applied Mathematics areas.

Eligibility for the TWO students for award PhD scholarship in Mathematics Education
The applicant must
- be Tanzanian citizen.
- be a holder of a Bachelor degree with **Education** majoring in Mathematics.
- hold Masters' degree in **Education** or with **Education.**
- demonstrate the ability to think critically and work independently and also be able to work with a team of researchers from Tanzania, Norway and/or Uganda.

- undertake a PhD research project in Mathematics Education.

Procedure for application

1. All applicants must fulfill on-line postgraduate admission requirements.
2. All applicants must first be admitted to the programme of study.
3. In addition to admission letter, candidates who wish to apply for sponsorship should also submit electronically via email, the following documents:
   (a) An application letter for PhD studentship;
   (b) A current CV (maximum 3 pages), which includes a detailed description of masters' degree research, in line with the stated project focus areas;
   (c) A soft copy of the applicant's Master's thesis;
   (d) A research concept note (maximum 5 pages. See concept note format below);
   (e) Certified copies of the Bachelor and Masters' degrees transcripts.
   (f) Two letters of recommendation – to be sent directly by the referees;
   (g) A recent digital photo.

The Concept Note must include:

- A description of the applicant's research interests in Applied Mathematics or Mathematics Education;
- A description of the applicant's background in the area(s) of interest;
- A discussion on the applicant's motivation for joining PhD studies;
- A discussion on what outputs the applicant expects to realise through the PhD studies.

Selection

- The applications shall be vetted by a panel consisting of some staff members from the Department of Mathematics and School of Education, UDSM and Department of Mathematics, Bergen University, Norway.
- Shortlisted candidates will be subjected to a face to face interview.

Sponsorship Benefits

The benefits of the four-year scholarship will be:

   (a) Three years' full tuition fee paid;
   (b) Monthly stipend provided for a period not exceeding four years;

Important:

The application documents, including scanned copies should be submitted **via the email** addresses below **not later than 30th August, 2021:**

- Prof. Eunice Mureithi,
  Head, Mathematics Department
  University of Dar es Salaam
  Email: mureithi.eunice@udsm.ac.tz

- Dr. Sylvester Rugeihyamu,
  Email: rugeihyamu@yahoo.com