

MALAWI UNIVERSITY OF SCIENCE & TECHNOLOGY



ACADEMIC VACANCIES

1.0 Background

Exciting and challenging job opportunities have arisen at the Malawi University of Science and Technology (MUST) for suitably qualified and experienced individuals who would like to contribute to the growth of the University.

The job opportunities are for Senior Lecturers/Lecturers/Assistant Lecturers/Staff Associates in the following areas:

- 1.1. Pure Mathematics
- 1.2. Financial Mathematics
- 1.3. Chemistry
- 1.4. Computer Science/ Artificial Intelligence/ Software Engineering/ Computer Networking/ Data Science or other related areas
- 1.5. Information Technology/ Information Systems/ Business Intelligence or other related areas
- 1.6. Computer Security/ Information Security/ Digital Forensics/ Information Systems Auditing or other related areas
- 1.7. Manufacturing Engineering
- 1.8. Textile Engineering
- 1.9. Chemical Engineering
- 1.10. Indigenous Knowledge Systems and Practices
- 1.11. Linguistics, Communication or Literature and any language-related programme
- 1.12. Biological/Biomedical Sciences

2.0 The job

The main purpose of the positions is to teach.

2.1 Functions and Responsibilities

- 2.1.1 Teaching and devising the best learning approaches for students.
- 2.1.2 Assisting students' academic work and doing student supervision.

- 2.1.3 Carrying out research, consultancy and outreach activities.
- 2.1.4 Scholarly publishing.
- 2.1.5 Participating in curriculum development and/or curriculum revision.
- 2.1.6 Providing academic guidance to students.
- 2.1.7 Mentoring junior generation of academics.

3.0 Qualifications, Attributes and Experience

Interested candidates should possess the following attributes:

3.1. Knowledge

Candidates must be those with strong knowledge of their subject area combined with a broad subject background enabling contribution to teaching and research.

3.2. Skills

Candidates must have excellent interpersonal, oral and written communication skills. Those with a proven record of ability to attract funding, and conduct high-quality research which is reflected in the authorship of high-quality publications, or other research outputs in their relevant fields, shall have added advantage.

3.3. Aptitude

Candidates must have the ability to work collaboratively.

3.4. Qualifications

Aspiring candidates must have any of the following required qualifications.

3.4.1. Senior Lecturer/Lecturer

- PhD/Masters in the relevant area

3.4.2. Assistant Lecturers

- A first degree with a distinction/strong credit plus a minimum of 2 years of relevant university teaching experience AND be a master's degree candidate in a relevant field, or
- An honours degree with a minimum of second-class upper and one year of relevant university teaching experience
- Be a registered master's degree candidate in a relevant field.

3.4.3. Staff Associate

- First degree with a distinction or strong credit OR
- An honours degree with a minimum of upper second class

3.5. Previous Experience

- Research expertise and experience in their field of specialisation
- Teaching and assessment of students work at the undergraduate or postgraduate level at tertiary education institutions.
- Proven experience in curriculum development in science and technology

within a university setting.

- Ability to attract funding.
- Engagement with scholarly/professional community.
- Ability to mentor students.
- Participation in community engagement activities.
- Experience in supervision of both undergraduate and postgraduate students.
- Track record of scholarly publications in recognized peer-reviewed journals.

3.6. Personal Qualities

Essential:

- Demonstrated ability to coordinate large courses, and prepare and deliver programmes at undergraduate and postgraduate levels.
- Demonstrated ability to prepare curriculum and programme materials and ability to implement innovative approaches to student-centred learning and quality improvement.
- Ability to manage a large programme or several small programmes.
- Demonstrated ability to support student issues related to effective learning.
- Experienced in research and mentorship of junior staff.
- Understanding of and commitment to financial, governance and quality management systems within the university.
- High level of interpersonal, communication and negotiating skills.
- Reputable research and publications track record.

Desirable:

Candidates with previous leadership experience in institutions of higher learning shall have an added advantage.

4.0 Remuneration and tenure for the position

The successful candidates shall be engaged on a one to two-year renewable contract based on satisfactory performance in line with the MUST's Performance Management System and new job requirements. In addition, the successful candidates shall receive appropriate remuneration based on MUST's prevailing rates.

5.0 Mode of application for the position

Candidates who meet the requirements for the above posts should submit their applications with updated curriculum vitae with the email addresses of three traceable referees and copies of their academic and professional qualifications no later than **February 10, 2023**.

Applications must be submitted to:

University Registrar
Malawi University of Science & Technology
P.O. Box 5196
LIMBE.

In addition, applications may be submitted online to the University Registrar using the following email addresses:

- 5.1. Pure Mathematics: pmaths2023@must.ac.mw.
- 5.2. Financial Mathematics: fmaths2023@must.ac.mw
- 5.3. Chemistry: chem2023@must.ac.mw
- 5.4. Computer Science/Artificial Intelligence/Software Engineering/Computer Networking/Data Science or other related areas: compscie2023@must.ac.mw
- 5.5. Information Technology/Information Systems/Business Intelligence or other related areas: infotech2023@must.ac.mw
- 5.6. Computer Security/Information Security/Digital Forensics/Information Systems Auditing or other related areas: compsec2023@must.ac.mw
- 5.7. Manufacturing Engineering: mfteng@must.ac.mw
- 5.8. Textile Engineering: texeng2023@must.ac.mw
- 5.9. Chemical Engineering: chemeng2023@must.ac.mw
- 5.10. Indigenous Knowledge Systems and Practices: iksp2023@must.ac.mw
- 5.11. Linguistics, Communication or Literature and any language-related programme: licos2023@must.ac.mw
- 5.12. Biological/Biomedical Sciences: bioscie@must.ac.mw

All electronic applications must be duly signed. Only shortlisted candidates will be acknowledged.