



MALAWI UNIVERSITY OF SCIENCE AND TECHNOLOGY

JOB VACANCIES

RESEARCH FELLOW TRAINEES

THE ORGANISATION

The Malawi University of Science and Technology (MUST) is a fourth Public University established by the Government of Malawi in December, 2012. It has four Schools: Malawi Institute of Technology; Ndata School of Climate and Earth Sciences; Academy of Medical Sciences; and Bingu School of Culture and Heritage. In addition, the University has Centres including (i) Centre for Strategic Studies (ii) Centre for Clinical Studies (iii) Centre for Climate Change and Disaster Risk Management and (iv) MUST Institute for Industrial Research and Innovation (MIIRI).

Exciting opportunities have arisen at the University in the MIIRI for suitably qualified and experienced individuals for the following positions of **Research Fellow Trainees** in the following areas:

1. **Technology Commercialisation and New Venture Development (2)**
2. **Research, Technology and Innovation (2)**

GENERAL DESCRIPTION OF THE JOB

1. **Technology Commercialisation and New Venture Development**

Reporting to the **Director for MIIRI**, the **Research Fellow Trainees** shall be responsible for the development and implementation of strategies and initiatives that will serve to advance the commercialization of innovation and technologies created by MUST faculty, and stakeholders to support the entrepreneurial culture and programs at the university.

The Research Fellow Trainees shall be responsible for primary oversight and management of new initiatives of Technology Commercialization (TC) and New Venture Development (NVD). This position will provide leadership and develop programs to align the strategy and activities of these two groups for the benefit of the faculty, the university and the local ecosystem.

The position holders will provide overall leadership and oversight in supporting Faculty and students' innovators. In addition, the holders shall be responsible for designing innovation management functions, develop training materials and initiate coaching and mentorship programme for students, faculty and stakeholders. The

Research Fellow Trainees shall also broadly be responsible for research and capacity-building programme in the field of innovation, industrial development and transformation.

2. Research, Technology and Innovation

The Trainee in Research, Technology and Innovation (RTI) shall work with MIIRI leadership to oversee research and technology and development of innovations for industrial transformation within the Institute programming. The position holder will work directly with faculty and students' innovators to support technology design and realisation efforts. In addition, the trainee shall be responsible, for pre-designing innovation management functions, develop draft training materials and initiate coaching and mentorship programme for students, faculty and stakeholders.

KEY DUTIES AND RESPONSIBILITIES

Among others; Research Fellow Trainees shall be expected to support either 1) technology commercialisation and new venture development or 2) science, technology and innovation streams by performing the following duties:

- Contribute to the MUST2063 Business and Management programming
- Contribute to the MUST Innovation Programme
- Supporting the attainment of MUST Technology and Innovation Garage strategic objectives;
- Contributing to the development of Garage capacity building programs;
- Preparing Terms of Reference and calls for proposals for collaborative research in the field of Science, Technology and Innovation;
- Operationalise the MUST Innovation Idea Bank (I-Bank);
- Contributing to proposal development of project proposals with Schools, Departments or Unit managers, finance and relevant support functions and ensure stakeholders participation prior to submission to funding agencies;
- Designing training programs and identify industry coaches to advance community, industry and university innovations;
- Compiling monthly consolidated research reports or update for MIIRI Director;
- Presenting reports at various forums such as research symposia, conferences, workshops both locally and internationally ensuring the visibility of the Institute and the University;

QUALIFICATIONS, KNOWLEDGE AND SKILLS

- Masters' degree in any related field
- Familiarity with research and technical areas, including science, engineering and computer science, as well as business needs relevant to the commercialization of technology
- Demonstrated ability to communicate effectively – to present ideas, both in writing and orally, in an understandable, technical and non-technical manner, with internal and external constituencies
- Ability to articulate a vision for the role of academic research in innovation, commercialization, job creation, and economic development

- Local Citizens (Malawians) especially from the private sector are encouraged to apply
- Self-driven and results oriented Individuals

METHOD OF APPLICATION

Interested candidates who meet the above qualifications and requirements should submit their applications, together with detailed Curriculum Vitae plus copies of certificates (where applicable) not later than **Friday, 4th June, 2021**. The Curriculum Vitae must include the following: the candidate's names in full; date of birth; academic qualifications; innovation and research experience; email addresses of three traceable referees.

Applications must be submitted by email to:

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

Email addresses: vacancy@must.ac.mw with copy to: miiri@must.ac.mw

All application letters must be duly signed. Only shortlisted applicants will be acknowledged.