



MALAWI UNIVERSITY OF SCIENCE AND TECHNOLOGY

PROGRAMMES

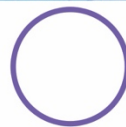
Who we Are?

MUST is a leading university in science, technology, innovation and entrepreneurship in Malawi established by an Act of Parliament Number 31 of 2012



POSTGRADUATE

MSc Biodiversity Informatics
MSc in Mathematical Modelling
MSc in Innovation
MSc in Entrepreneurship
MEng in Applied Chemical Engineering
MSc in Information Technology
MSc in Data Science
MSc in Computer Science
MEng in Biomedical Engineering
MBA in Business Leadership
PhD Business Leadership
PhD in Applied Mathematics
PhD in Innovation and Development



UNDERGRADUATE

BEng Biomedical Engineering
BEng Chemical Engineering
BEng Metallurgy and Materials Engineering
BEng Manufacturing Engineering
BEng Textile Engineering
BSc in Business Information Technology
BSc in Computer Systems and Security
BSc in Food Science and Technology
BSc in Mathematical Sciences
BSc in Education Science
BSc in Earth Science (Geology)
BSc in Disaster Risk Management
BSc in Meteorology and Climate Science
BSc in Water Quality and Management
BSc in Sustainable Energy Systems
BSc in Geo-Information and Earth Observation Science
BSc in Geo-Petroleum Science (Oil and Gas)
BSc in Medical Microbiology
BSc in Immunology
BSc in Medical Imaging
BSc in Sports Science
BA in Indigenous Knowledge Systems and Practice
BA in African Musicology
BA in Language, Communication and Culture
BA in Cultural Economy

FOR MORE INFORMATION



**BY JAMES MPHANDE,
MUST COMMUNICATIONS
MANAGER**

The Malawi University of Science and Technology (MUST) is a leading science, technology, innovation and entrepreneurial institution of higher education which believes in making education and training relevant and in line with national, regional and global development aspirations.

The university believes that universities must open up to local communities and industry.

In line with this, all programmes at MUST are carefully conceived and developed to respond to socioeconomic needs of Malawi, Africa and beyond.

Industrial park

MUST has embarked on construction of an industrial park that will house manufacturing plants for both the university and interested industry partners to produce various products. While MUST will generate income to supplement government subvention as a public university and accord its students hands-on experience through attachments, the industrial park's main contribution will be to national socio-economic development of Malawi and the region.

Community innovations support

Through the MUST Institute of Industrial Research and Innovation (MIIRI), MUST is running a programme aimed at promoting innovations through incubation garage. There are several projects under this incubation garage where innovative ideas from faculty, students, industry and community members are banked and grown through mentorship, theoretical, technical and financial support. While the first three groups of beneficiaries can be considered educated, the latter includes even those who have no any recognized formal education.

One such person is Gabriel Kondesi who dropped out of primary school but has a mind of a seasoned physicist. In late 2000s, he was arrested by the Malawi Government authorities for designing radio equipment, establishing and running a radio station without license. Kondesi is now one of



Oxygen concentrator invented by MUST students with HEPSSA funding

A slice of MUST's 'doing business unusual'



His Excellency Dr Lazarus Chakwera appreciating some of the products from MUST

the six community innovators enrolled under the community innovators programme at MUST. He is joined in the programme by, among others, MUST biomedical engineering graduate Mike Lulu Ten and Chaminade Secondary School alumni Davie Jere.

Jobs for Youths

MUST is also running a technology and incubation

programme in small scale mineral processing, targeting out of school youths from across Malawi. Through a partnership with Ministry of Youth's Jobs for Youth program, which has been funded by the African Development Bank, MUST has graduated 124 incubates in ceramics, small scale mineral processing and quarrying. This programme too is recruiting youths

irrespective of their education backgrounds. This is in line with Malawi government's plan of making mining a priority area for economic development.

SADC Regional Program

MUST is also implementing a project supported by the Royal Academy of Engineering in the UK entitled "Higher Education Partnerships for Sub-Saharan Africa (HEPSSA)". The program is strengthening university-industry linkages and is being implemented at MUST as a hub in partnership with the regional partners: Lilongwe University of Agriculture and Natural Resources in Malawi, Mbeya University of Science and Technology in Tanzania and Central University of Technology in South Africa. The partners are jointly implementing programs that are strengthening engineering education, including student industrial attachment and exchange of postdoctoral students.



**For more information:
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