

The strategic choices enunciated through the Vision, Mission and Strategic Goals of this Plan are aligned with the DHET's steering mechanism to implement the policy imperatives outlined in the National Plan for Post School Education and Training (2018) and the draft DHET Framework on Institutional Differentiation. The key levers of DHET steering of the system are:

- ◆ The differentiation of institutional mandates as prescribed in the amended Higher Education Act (2016), which frames the main academic focus of MUT as a university of technology.
- ◆ The compact between the Minister and MUT in the form of a medium-term institutional enrolment plan, which determines MUT's institutional mandate and academic character in terms of several dimensions, such as size and shape parameters, the Programme and Qualifications Mix, and efficiency indicators.
- ◆ DHET programmes and initiatives that enhance institutional differentiation and sustainability. Programmes applicable to MUT are the 'Historically Disadvantaged Institutions'

Development Grant, the Infrastructure and Efficiency Grant, the Foundation Provisioning Grant, the Clinical Training Grant and the University Capacity Development Grant, the Staffing South Africa's Universities Framework, the new Generation of Academics Programme and the Foundation Provisioning Grant.

Imperatives of the Fourth Industrial Revolution

The Plan recognises that the world is in the early stages of an era characterised by rapid evolution and fusion of technologies which are combining digital, physical and biological systems, resulting in the disruption of almost every industry and changing the job market and the way that we live and work. This change is accompanied by positive gains such as an increase in safe and rewarding jobs, on the one hand, and by negative trends such as greater inequality in society and a widening gap between the rich and the poor, on the other hand.

MUT will leverage its key features as a University of Technology to better prepare students for the future of work in the following ways:

- ◆ Our career-focused programme offerings will embed principles of career-flexibility to better prepare students for the fast pace at which technological advances are changing job functions and occupational activities.
- ◆ Existing linkages with the world of work through our advisory boards, comprising input from business and professional leaders, will allow us to refine our curricula to be responsive to demands from industry
- ◆ Enhancing our research in technologies and building programmes combining digital, physical and biological systems.

Through its mission focused on SET related fields, MUT is well-positioned to prepare its students, staff, and stakeholders to thrive in the social, economic and political contexts

associated with this changing world and the associated future world of work. The set of values, expectations of leadership capabilities, and foundations of MUT experience outlined in Section 8 aim to position MUT staff and students to have the requisite soft skills to thrive and trade on their uniquely human capabilities in this complex environment. The strategic objectives in Section 9 emphasise the development of curricula that will equip our students with the requisite skills and competencies. Students will, among other things, be empowered through the fostering of entrepreneurship culture and cultivation of a global mindset and appreciation of many different cultures. The anchor strategy will seek to embed the University in its local communities. We aim to introduce a few areas of academic collaborative excellence cutting across Faculties to house impactful research and innovation related to the emerging fields of knowledge in the emerging era of the Fourth Industrial Revolution.