

**NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY**

NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY (NUST) ACADEMICS'  
STATE OF PREPAREDNESS TOWARDS SUPPORTING NUST INSTITUTIONAL  
REPOSITORY (NUSPACE)

BY

ARCHFORD MACHIMBIDZA

(N0125270T)

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MR. N. GUVAVA

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## Abstract

The study sought to establish NUST academics' state of preparedness towards supporting NUST IR (NuSpace). The study was informed by Nwokedi's framework. Academics' state of preparedness was determined based on their knowledge of IR, awareness of the existence of the NUST IR, willingness to submit personal research work to the IR and challenges they face. The study used a mixed method approach. Cross-sectional survey was carried out to amass data for the study. One paper based, semi-structured and self designed questionnaire targeting academics was the main instrument for data collection. Additionally, one interview with the NUST IR Librarian, a literature review and observations by the researcher were complementary instruments used to collect data. A census of all NUST academics was conducted. A purposive sampling was used to determine an interview participant. The study showed that NUST academics were generally aware of institutional repositories. However, only half of the academics knew of the existence of NuSpace at NUST. NUST academics felt they could mostly benefit from NuSpace through long-term preservation of their digital research materials and through visibility and impact of their research works respectively. The majority of NUST academics, 66.85%, were willing to contribute to NuSpace. NUST academics felt lack of rewards upon submitting their research works to NuSpace was the major reason that was scaring some academics from contributing to NuSpace. In general NUST academics felt NuSpace was not optimally promoted. In general the study found that the state of preparedness of NUST academics towards supporting NuSpace was relatively high. The study recommended that the University should consider rewarding NUST academics that frequently contribute to NuSpace. It was also recommended that the Library should consider intensifying NuSpace promotion.