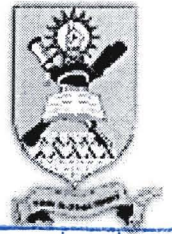# National University of Science and Technology

Think in Other Terms

FACULTY OF APPLIED SCIENCE

COMPUTER SCIENCE DEPARTMENT

FINAL YEAR PROJECT

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STUDENT ID NUMBER: P0128873B

PROJECT SUPERVISOR: MR. S.M. NLEYA

TITLE: **Cattle Management Information System**

This Final Year Research Project Is Submitted To The Computer Science Department At National University Of Science And Technology In Partial Fulfillment Of The Requirements Of The Bachelor of Science Honors' Degree In Computer Science

2016

ABSTRACT

The Cattle Management Information System (CMIS), is a sophisticated information management system for practical on-farm use, to assist cattle farmers with animal production, marketing and pasture management. It seeks to cope with the increasing competition and uncertainty, by making farmers and cattle breeders take advantage of the information technology (IT) and information systems (IS). IS offer farmers new ways of improving productivity. In this project, we introduce the concept of a centralized information portal through the use of web based information and support system which will be accessed by any farmer in any region even remote or rural areas.