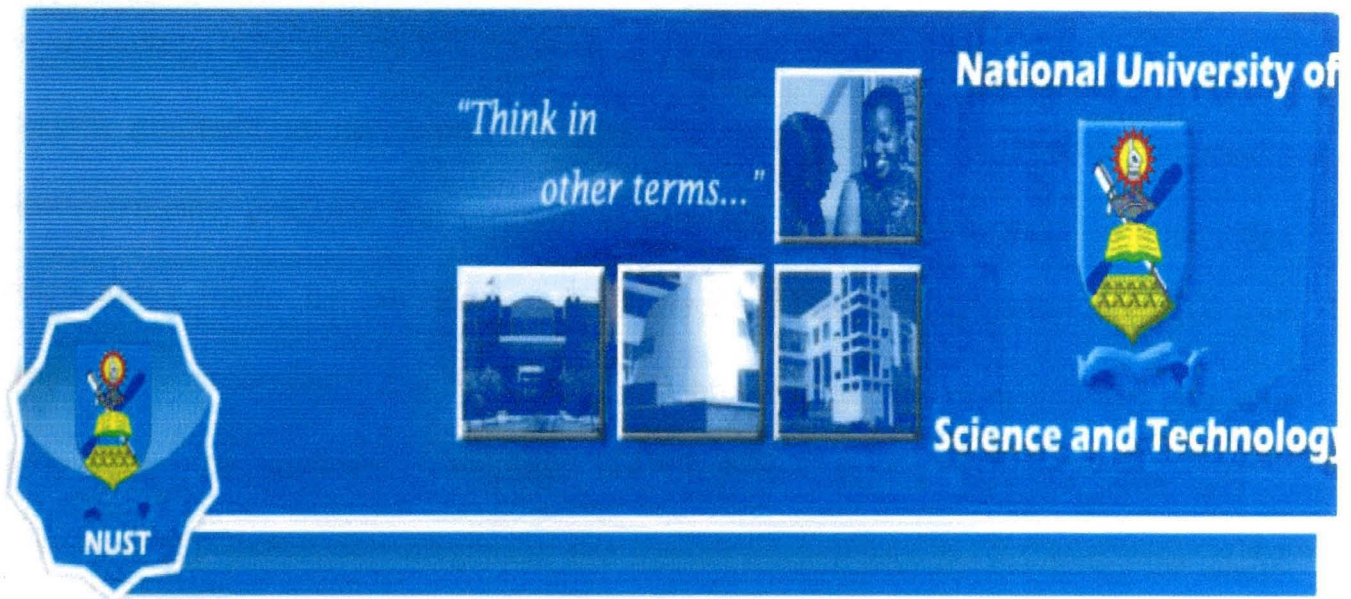


# NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY



## BACHELOR OF TECHNICAL TEACHER EDUCATION

### **AN INVESTIGATION INTO METHODS OF DESIGNING FABRICS USING EMBROIDERY.**

A RESEARCH PROJECT PREPARED IN PARTIAL FULLFILMENT OF THE REQUIREMENTS FOR BACHELOR OF TECHNICAL TEACHER EDUCATION HONOURS IN APPLIED ART AND DESIGN.

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## **Abstract**

The project seeks to investigate methods and software for creating designs and embroidery. Great inspirations came from the appreciation that technology has revolutionized the art of embroidery. It has also been observed that embroidery designing is a challenge to indigenous clothing manufacturers. The following defaults have been noted, designs fade after washing or they tear off on the area on which they are sewn. These may be caused by lack of knowledge on the use technology to create and embroider designs and the unavailability of machines. In this study designs were created using Corel Draw, digitized using Wilcom ES 5.0 software then embroidered using a Brother embroidery Machine. By doing so the researcher hopes to convince the indigenous clothing manufacturers that the use of technology to embroider designs improve the quality of the products. The study seeks to become an eye opener to the clothing manufacturers who may be reluctant to purchase and use technology in the industry.