

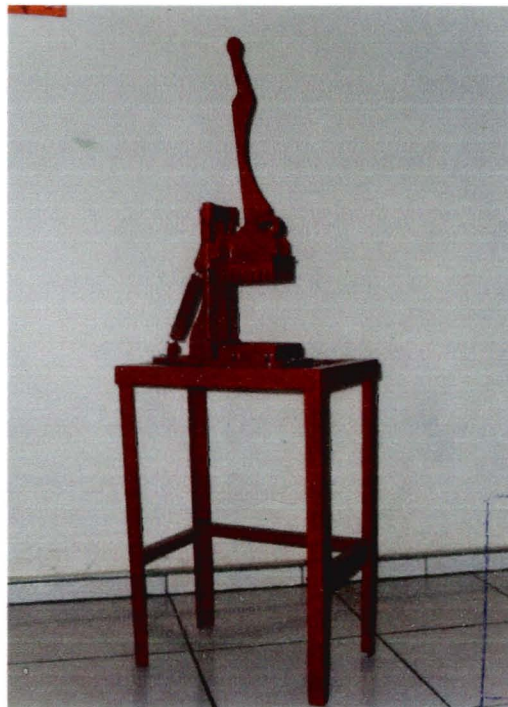
NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY

FACULTY OF INDUSTRIAL TECHNOLOGY

DEPARTMENT OF TECHNICAL EDUCATION

FINAL YEAR PROJECT

PROJECT TITLE: DESIGNING A LOW COST CHIPS CUTTER MACHINE
FOR USE BY SCHOOLS CATERING STUDENTS WITH A SPECIFIC
REFERENCE TO IHLATHI HIGH SCHOOL.



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BY

CHIKWAKWANYI WILSON N0093389V

YEAR 2013

SUPERVISOR: DR G SHAVA

IN PARTIAL FULFILMENT OF THE BACHELOR OF TECHNICAL EDUCATION HONOURS DEGREE IN
MECHANICAL ENGINEERING



Abstract

This project was carried out in partial fulfilment of the Bachelor of Technical Education Honours Degree in Mechanical Engineering. The project sought to design and manufacture a low cost Chips Cutting Machine as a positive undertaking towards localising the manufacture of critical equipment for schools to ease congestion of pupils during practical lessons.

The thrust of the project was to design for local manufacture, using the available manufacturing processes and materials to provide the low cost machine in comparison to those available on the market. The designed and manufactured machine could be sold to schools, upcoming entrepreneurs and individuals for domestic use.

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