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**A REPORT ON INDUSTRIAL TRAINING CONDUCTED AT BUSITEMA
UNIVERSITY FACULTY OF AGRICULTURE AND ANIMAL SCIENCE ARAPAI
CAMPUS**

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FROM 20th /MAY /2019 TO 26Th /JULY/2019

COMPILED BY

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**TO BE SUBMITTED TO THE DEPARTMENT OF AGRIBUSINESS AND EXTENSION,
BUSITEMA UNIVERSITY, ARAPAI CAMPUS, FOR PARTIAL FULLFILMENT
AWARD OF DIPLOMA IN CROP PRODUCTION AND MANAGEMENT OF
BUSITEMA UNIVERSITY**

AUGUST, 2019

DECLARATION

I NABWIRE NELLY do declare that this report is my own work and to the best of my knowledge and personal efforts. And has not been submitted to any higher institution of learning for the fulfillment of academic award of diploma in crop production and management

SIGN.....~~Nabwire~~..... **DATE**;.....9th/09/2019.....



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APPROVAL

The report and its training attachments were conducted under close supervision of the following concerned supervisors

FIELD SUPERVISOR OF BUSITEMA UNIVERSITY, ARAPAI CAMPUS

NAME..... *Inwal Moses Pymac*

SIGNATURE..... *[Signature]*

TITLE..... *Form Assistant*

DATE..... *05/09/2019*

ACADEMIC SUPERVISOR, BUSITEMA UNIVERSITY, ARAPAI CAMPUS.

NAME.....

SIGNATURE.....

TITLE.....

DATE.....

DEDICATION

With sincere appreciation, I do dedicate this report to the **Higher Education Students Financing Board** and my beloved parents; Father, **WANYAMA YEKO** and my siblings **OUNDO NICKLAS, and NANTUME MARRIAM**, for the financial support and guidance they have availed towards my future as far as education and discipline are concerned

(1)

ACKNOWLEDGEMENT

I sincerely appreciate and gratefully thank the almighty **GOD** for giving me life, guidance and encouragement throughout my life. He was my shepherd and made me attend my industrial training session with successful completion. I congratulate the **staff of Busitema University, Arapai campus** in particular for the theoretical knowledge and skills imparted to me thus enabling me practically conduct them hands on. Consequently I send my heartfelt gratitude to my friends and family members for their constructive support academically and in terms of basic needs.

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LIST OF ABBREVIATIONS

BUAC; Busitema University Arapai Campus

BSA; Bachelor of Science in Agriculture

AMP; Bachelor of Animal Production and Management

DAP; Diploma in Animal Production Management

DCP Diploma in Crop Production and Management

CGA Certificate in General Agriculture

DAP Diammonium Phosphate

SSP; Single Super Phosphate

WHO World Health Organization

E.G; for example

E.T.C; extra

M; meter

CM; centimeter

KG; kilogram

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LIST OF TABLES AND FIGURES

TABLES;

Table 1 shows varieties of bananas

Table 2 shows the different categories of pastures and scientific names

Table 3 shows formulation of feeds of different bird stages

Table 4 shows examples of different feed stuff proportions to make complete diet.

FIGURES

Figure 1: shows the administrative structure of BUAC



Figure 2: shows work plan for the industrial training

ABSTRACT

Industrial training is one of the examined modules conducted in Busitema university Arapai campus and It is aimed at imparting practical skills to students However, this was conducted from 20th/may /2019 to 26th/july /2019 at BUAC farm and following weekly stipulated activities.

Busitema University is a public university established by statutory instrumental No.22, 2007 enacted by parliament on 10, May, 2007. The university is a multi-campus model with seven campuses namely; Arapai, Busitema, Mbale, Nangongera, Kaliro, Pallisa and Namasagali

However I conducted my internship at Arapai campus; this campus is located in soroti district Arapai Sub County on Moroto road however Buac started as Arapai college in 1956 later was to Busitema university as a faculty of agriculture and animal science this campus offers the following programmes e.g. Degree in APM,, BSA and BAB, diploma in DAP, DCP and CGA

While I was at Busitema university Arapai campus farm, I conducted various activities in different sections e.g. poultry, aquaculture, pasture conservation management, cattle section, orchard section, piggery section, mushroom production and also some trainings like making of organic pesticides and AVIS training

I also faced some challenges like There was a challenge of inadequate tools to use during the time of repairing the cattle kraal e.g. pangas u-shaped nails e.tc. Lack of some poultry feeds like cotton seed cake which affected feeds formulation and poor sanitation and hygiene in the animal sections: This exposed animals to diseases.

Therefore the staff of Buac administration should recruit more skilled permanent, equipped and committed technical attendants and field supervisors to successfully take students through the hands on training activities.

Sincerely, the training was been successfully conducted despite the hardships encountered. It has been of great value to my life as far as diploma in crop production and management is concerned

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CHAPTER ONE: INTRODUCTION AND HISTORICAL BACKGROUND

1.0 INTRODUCTION

Industrial training is one of the greatest recommendations in higher institutions of learning especially at colleges and universities. It is aimed at equipping and imparting practical skills and knowledge to learners in areas of study through the hands on principle. It allows students to relate classroom theoretical aspects and apply them in the field. This avails proof for qualification of awards in certificate, diploma and degree levels

1.1 BACKGROUND

Busitema University is a public university established by statutory instrument No.22, 2007 enacted by parliament on 10, May, 2007. The university is a multi-campus model with seven campuses namely; Arapai, Busitema, Mbale, Nangongera, Kaliro, Pallisa and Namasagali.

However I conducted my internship at Arapai campus; this campus is located in soroti district Arapai Sub County on Moroto road however it started as Arapai College which later transformed into Arapai campus, this campus offers the following programmes e.g. Degree in APM, ,BSA and BAB ,diploma in DAP,DCP and CGA

However, Arapai campus can be accessed online through; ar@acadreg.busitema.ac.ug and WWW.busitema.ac.ug

1.2 LOCATION AND STRUCTURE

Busitema university Arapai campus is located in Soroti district on Moroto in Arapai sub county It occupies over 600 hectares of land with various programme it consists of laboratories where students do their experimental practical from, computer laboratories and an administrative block. Have farm sections like; Goat units, piggery unit, green house and cattle sections, pasturelands. The land also consists of staff quarters within the campus

1.3 VISION

To be a center of academic and professional excellence in science, technology and innovation