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**BUSITEMA UNIVERSITY FACULTY OF AGRICULTURE AND ANIMAL SCIENCE
ARAPAI CAMPUS**

**AN INTERNSHIP REPORT CARRIED OUT AT LIVESTOCK EXPERIMENTAL
STATION NAGRIC&DB P.O BOX 183, ENTEBBE**

FROM 28TH FEBUARY TO 22ND APRIL

COMPILED

BY;

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**SUBMITTED TO THE DEPARTMENT OF ANIMAL PRODUCTION AND
MANAGEMENT IN PARTIAL FULFILLMENT FOR THE AWARD OF DIPLOMA IN
ANIMAL PRODUCTION AND MANAGEMENT OF BUSITEMA UNIVERSITY**

DATE OF SUBMISSION 18th / 05 / 2022

DECLARATION

I NAKANJAKO SHADIAH declare that this industrial training report has never been done by me as a result of the internship program I had at LES and it has never been carried-out by any other person, it has been my effort and it has never been submitted to any Institution /University for any award.

STUDENT

NAME: NAKANJAKO SHADIAH

Students' number: 2000402945

Signature: 

Date: 18th ~~NOV~~ 2022



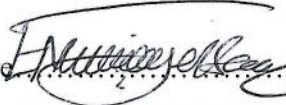
DEDICATION

I dedicate this piece of work to ALLAH for all the guidance HE has given me during the course of my industrial training and all the glory goes back to HIM, my parents Mr. and Mrs.

TAMALE, Relatives and also friends who supported me not only academically but also in all aspects of life and I also dedicate it to my little brothers as a sign of encouragement for academic enhancement.

APPROVAL

This is to certify that Nakanjako Shadia has conducted eight weeks' Industrial Training at at The National Animal Genetic Resources Centre and Data Bank (NAGRC & DB) Livestock Experimental Station Entebbe and has fully participated in all the activities depicted in this report under our supervision. Therefore, this report is a true record of the work she was able to perform and it is now ready for submission to the board of examiners of for examination, further scrutiny and award of marks with our due approval.

Signature 

Date TH 4 MAY 2022

FIELD SUPERVISOR,

ANIMAL PRODUCTION OFFICER,

MR. MUGENI ISAAC. 

Signature 

Date 18/05/2022

ACADEMIC SUPERVISOR,

DR. ETIANG PATRICK,

LECTURER BUSITEMA UNIVERSITY.

ACKNOWLEDGEMENT

I would like to thank the contributions made by the following people during my IT; my parents, Mr. and Mrs. Tamale, Relatives, Manager LES and also my friends. Then I extend my gratitude to the Human Resource-NAGRC&DB



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LIST OF ABBREVIATIONS

DDA: Dairy Developmental Authority.

NAGRC&DB: National Animal Genetic Resource Centre and Data Bank.

LES: Livestock Experimental station

IB: infectious bronchitis

IT; industrial training

NCD: New castle disease

NaLQEC: National Livestock Quarantine and Evaluation Centre

MAAIF: ministry of agriculture animal industry and fisheries

AI: artificial insemination

MOET: multiple ovulation and embryo transfer

ABC: animal breeding center

Mr. Mister

Mrs. Miss

EG: *exempli gratia*

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ABSTRACT

The industrial training is all about exposing students to practical aspects in the field of specialization. The industrial training was to expose the students to actual working environment and enhance students' knowledge and skills from what they have learnt from the class room.

Livestock experimental station is a government farm with three main enterprises i.e.; Dairy, Poultry and piggery. It is aimed at producing high quality and quantity milk, beef, pork, eggs and chicken for the community. ~~The industrial training at livestock experimental station attempted to~~

provide practical skills, knowledge, field practice and experience to enhance the theoretical knowledge that is gained in class. Therefore I was able to gain skills to familiarize myself such as the various breeds of dairy cattle, poultry and pigs at LES, The various animal husbandry practices and get hands on experience on animal welfare skills, Animal diseases and their signs, symptoms and treatment. Methods of parasite (internal & external) control used in the three enterprises. Pasture management and preservation methods. Feed mixing. Hatchery, Piggery and Poultry management practices and to practically get some knowledge on artificial insemination, multiple ovulations, embryo transfer etc.

During the training program, I was able to meet challenges such as walking long distances to the farm, limited equipment and high costs of living.

In conclusion, the IT was conducted successfully and was educative as it equipped me with practical skills and knowledge which further made it more efficient. Some recommendations include provision of accommodation to the internees by the NAGRC&DB administration. The University administration should provide a clear study programs.

CHAPTER ONE: INTRODUCTION

Livestock experimental station (LES) is a government owned farm under National Animal Genetic Resource and Data Bank in the Ministry of Agriculture, Animal Industry and Fisheries. This farm mainly operates in animal sector specializing mainly on three enterprises; Poultry, Dairy and Piggery.

1.1 BACKGROUND OF LIVESTOCK EXPERIMENTAL STATION NAGRC&DB

LOCATION AND AREA

LES is located in wakiso district 7 miles from kitooro trading center along Entebbe International airport Road, along the shores of Lake Victoria, Busiro County, Katabi sub-county, Bugonga Parish, Kigungu Village.

In the past it was covering an area of 132 acres of land before expansion of the international airport which covers part of land now. Some of the land has now been transferred for the purpose of the airport expansion and most of the cattle were transferred to other farms in Rushere, Ruhengere, Njeru and Kabanyolo etc.

The farm in Entebbe was established in 1950's by the British Government and it was called ~~VETERINIAN~~ TRAINING COMPLEX to act as Veterinnian training station as well as a quarantine station for animals. In 1990, it was handed over to MAAIF as NAGRC & DB-LES.

LES is a branch of NAGRC & DB, a Government Organization under the ministry of Agriculture, Animal industry and Fisheries with its headquarters in Entebbe and its address is P.O BOX 183 Entebbe- Uganda.

The station produces Agricultural products e.g. Milk from pure exotic breeds of cattle e.g. Ayrshires, Jersey, Brown Swiss and they are also sold with in the country and outside the country.

The station also breeds Kuroiler chicken and Rain bow roaster chicken to produce eggs and chicks for sale to the community and to the country at large.