**A REPORT ON ISOLATION AND IDENTIFICATION OF DIFFERENT BACTERIA FROM DUCK EGG SHELL SURFACE**



**A Clinical Report Submitted by**

Roll No : 09/37

Reg. No : 448

Intern ID : B- 19

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A Clinical report presented in partial fulfillment of the requirements for the Degree of Doctor of Veterinary Medicine

CHITTAGONG VETERINARY AND ANIMAL

SCIENCES UNIVERSITY

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 **A Clinical report**

 **Submitted as per approved style and contents**

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**Isolation and identification of bacteria from duck eggshell in Chittagong Metropolitan area**

**ABSTRACT**

Enteric bacterial infections in duck pose a threat to intestinal health and can contribute to Poor feed efficiency and livability of a flock..The objective of this study was to identify the prevalence of E coli and Salmonella in duck egg shell from different at Chittagong region. The samples were collected randomly. Samples were collected by swabbing on eggshell surface cultured in MacConkey agar and Eosin Methyline Blue agar. The results of the study indicate a relatively high degree of contamination of duck eggs with salmonella and E .coli on eggshell in backyard farming, which was higher than commercial duck farming. Summary of this study is that free ranges rearing of duck are more vulnerable factor for Salmonella and E coli outbreak. Key words: duck egg shell, backyard farming, and commercial duck farming

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