

# INDEX

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**The Author**

## **ABSTRACT**

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Incubation is the process by which certain oviparous (egg-laying) animals hatch their eggs it also refers to the development of the embryo within the egg under favorable environmental condition. The aim of the study was to prepare a low cost incubator for the rural areas of Bangladesh by using locally available ingredients. For this purpose locally available materials such as plain sheet, rod ring, net, and hardboard were used to prepare the structure of the incubator and electric bulb, harican, rice husk and small fan were used to maintain temperature and humidity. The total cost for the preparation of the incubator was 5010 taka and the operation cost for each batch of eggs (200 eggs per batch) was about 500 taka. Total three batches of eggs were incubated during the study period to check the hatchability percentage of the incubator. Average hatchability obtained was 80%. So it is quite cheap and also effective. So this could be a revolutionary technology for the rural areas of Bangladesh.

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***Key Words:*** Incubator, Low cost, Rural areas, Eggs, Hatchability.

