

# **Design of temperature measurement and control circuit for chicken egg incubator at Thịnh Đán chicken farm**

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**Abstract:** During the egg incubation process at Thịnh Đan chicken farm, precise temperature control is a critical requirement to ensure the quality of the chicks. This project aims to design and implement a temperature measurement and control system for the incubation room. Through theoretical and experimental research, the project has developed an automatic temperature adjustment electronic circuit based on signals from a temperature sensor. The expected result is a useful solution to improve the quality of hatching eggs and production efficiency at Thịnh Đan chicken farm.

**Keywords:** measurement and control, incubation, automatic system, temperature, chicken farm