

Design and construction of a smart chicken farm model

Vu Thach Khuong

Abstract: In the context of information technology and agriculture 4.0 development, this topic focuses on designing and building a smart chicken farming model to meet the demand for automation and optimization of production processes. The research objective is to develop an efficient livestock management system with the ability to monitor and adjust temperature, humidity, nutrition, and poultry health. The approach includes general research combined with practical trials on farms. The expected outcome of the topic is a useful solution to enhance chicken farming productivity and reduce operational costs.

Keywords: Smart livestock farming, Agriculture 4.0, automation system, poultry management, technology farm