AUTOMATED POULTRY FARM MANAGEMENT SYSTEM

INTERIM PROJECT REPORT

Submitted In partial fulfillment of the requirement of B.Tech Degree course in Electronics And Communication Engineering of APJ Abdul Kalam Technological University

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CERTIFICATE

This is to certify that the interim project report on **"AUTOMATED POULTRY FARM MANAGEMENT SYSTEM "** *is a bonafide report of the work done by,*

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ABSTRACT

With the essence of state of art technologies, the modern era has emerged with new directions to human life where the sole purpose is to make human life more comfortable and convenient. Smart control over poultry farming is getting accepted by the masses and this sector is flourishing due to its eminent necessity in mass scale. According to research there are an estimated 850 million poultry birds in India and the number of farmers involved in the business is estimated at 30 million. This clearly means that the poultry farm is one of the most important and healthy sources of income in India. But it does require a lot of effort to run a poultry farm, as it requires general bird control, health monitoring, Food, water, and local hygiene. The actual process of all of this is more challenging and more difficult. Therefore in order to acquire the owners of the poultry farm Proposed Automated Poultry Management System using IoT. Automated poultry farm in one where different features are incorporated such as food and water distribution, egg collection etc. All these actions are done automatically, thus making the poultry farm more efficient and profitable. This paper intends to introduce an idea where an automated poultry farm incorporating necessity features such as food supply, water supply, and egg collection etc. has been the main concern. The paper also demonstrates a prototype that explains each feature of the aforementioned work and from the prototype, it has been realized that the responses of individual components were highly satisfactory.

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