INTELLIGENT ILLUMINATION CONTROL SYSTEM FOR POULTRY FARMS

Keesari Sowmya [sowmyakeesari@gmail.com](mailto:sowmyakeesari@gmail.com)

Ravija Potluri [ravijachowdary96@gmail.com](mailto:ravijachowdary96@gmail.com)

Agriculture and poultry are the backbone of any country’s economy. Indeed, there is a strong correlation between agricultural growth and economic prosperity. A wireless sensor network (WSN) is proposed to monitor and measure many poultry environmental parameters such as temperature, humidity, and amount of light. The different sensors are disposed in particular positions in the farm in order to better reveal the realistic information. The collected farming data are sent NodeMCU by different sensors i.e, DHT sensor and LDR. Operating sprinkler’s and fan’s using mobile app connected to NodeMCU would be more easier.