# LITERATURE SURVEY

## IOT Based Smart Crop Protection System For Agriculture

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| PAPER TITLE | AUTHOR | OUTCOME |
|---|---|---|
| I) A Literature Survey on SmartAgriculture Monitoring and Control System Using IOT. | 1.Abhilash Lad<br>2.Sumitra<br>3.Krishna Raichurkar<br>4.Sumit Zarkhande<br>5.Dr.Priya Charles.TTT | The proposed work provides the information on various soilparameters that includes soil temperature, soil moisture andatmospheric temperature to predict irrigation suitability. This system helps to analyze the soil parameters thereby ensuring a better system of irrigation for agriculture. The data collected from the sensors are made to learn using machine learning techniques to ensure a fully automated system. Implementing an IOT based smart agriculture system helps in obtaining quality crops and it also reduces the human involvement in agricultural activities. |

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| 2) Implementation of IOT basedsmart crop protection and irrigation system. | 1.Ipseeta Nanda<br>2.Sahithi<br>3.Chadalavada<br>4.Medepalli Swathi<br>5.Lizina Khatua. | The fundamental objective is to provide a fantastic answer to this problem, so that losses incurred will be minimized and farmers will have an accurate crop yield.As it is now not feasible for farmers to barricade whole fields or remain on area 24 hours and defend it this gadget makes use of a movement sensor to observe wild animals imminent next to lock up to the sector. |
| 3) Smart agriculture using IOT | 1.Dr. V. Nagaveni | The main advantage ofthis paper is that, all the functions to be performed by the Fan and Sprinkler to control the climatic conditions like temperature, relative humidity and soil moisture levels in the Greenhouse environment are all automated and it does not requireany human intervention. This is particularly an important factor because the presence and availability of the human cannot always be trusted on. For important structures like the greenhouses, we need a more dependable and reliableway for its management which iseasily achieved by this project. |

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| 4) A Prototype of Smart Agriculture System Using internet of Thing Based on Blank Application Platform. | 1.Badri Narayan<br>2.Mohapatra<br>3.Rohan Vilas<br>4.Jadhav Ketan<br>5. Sunil Kharat. | Internet of Things (IOT) technology which will be cheaper and more productivity and cost effective. In this research weare focusing of handling various information about the crops under consideration and undertake required commands of the user, for a better management of the crops and the resources. Hence providing the agriculturists across various domains a robust and useful capability. Also promoting research and further exploration in the field of use of electronics<br>and internet technology in agriculture. |