Literature Survey On Smart Farming Using IoT

S.No	Project Name	Description	Author	Year	Reference
1	Smart Farming using IOT.	A remote controlled vehicle operates on both automatic and manual modes ,for various agriculture operations like spraying, cutting. The controller keeps monitoring the temperature, humidity, soil condition.	Amandeep, Arshia Bhattacharjee, Pabonic Das, Debjit Bass, Somudit Roy, Spandan Ghosh, Sayan Saha, Sowvik Pain, Sourav Daj, T.K.Rana.	Nov - 2017	https://ieeexplore.ieee.org/document/8117219
2	Smart Agriculture Using Internet of Things with Raspberry Pi	The purpose of this Smart Agriculture with IoT using Raspberry Pi is to find the suitable system to be applied in future agriculture system. The aims of this project are to reduce time and water consumption as well as maximizing agriculture product and to improve the efficiency of management and control for agriculture farm.	Zuraida Muhammad, Muhammad Azri Asyraf Mohd Hafez, Nor Adni Mat Leh, Zakiah Mohd Yusoff, Shabinar Abd Hamid.	Sept - 2020	https://ieeexplore.ieee.org/document/9204927 - authors
3	Smart Irrigation Based On Crops Using IOT.	Proposed the irrigation system, which based on the latest IOT technology to reduce the wastage of water and it reduced manual labor to irrigate the crops based on the type and stage of the crop.	Shyam Peraka, Reddy Sudheer, Bandi Narashmha Rao, Allu Ravi, Esai Naveen Kumar.	Feb - 2021	https://ieeexplore.ieee.org/document/9342736
4	AgriSegNet: Deep Aerial Semantic Segmentation Framework for IoT-assisted Precision Agriculture	In this work, a deep learning framework AgriSegNet for automatic detection of farmland anomalies using multiscale attention semantic segmentation of UAV acquired images. The proposed model is useful for monitoring of farmland and crops to increase the efficiency of precision farming techniques.	Tanmay Anand, Soumendu Sinha, Murari Mandal, Vinay Chamola, Fei Richard Yu.	Apr - 2021	https://ieeexplore.ieee.org/document/9395478
5	Sensor Based Smart Agriculture with IoT Technologies: A Review	This paper narrates the role of IoT application in smart agriculture. Smart farming is a precision farming hence, it uses accurate information to draw outcomes. It demonstrates the different sensors, applications, challenges, strength and weaknesses that support the IoT and agriculture.	Pyingkodi M, Thenmozhi K, Nanthini K, Karthikeyan M, Suresh Palarimath, Erajavignesh V, Bala Ajith Kumar G.	Mar - 2022	https://ieeexplore.ieee.org/document/9741001