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| TITLE | AUTHOR | JOURNAL | YEAR | ALGORITHM | PARAMETERS |
| IIOT Based Smart Crop Protection and Irrigation System | Ipseeta Nanda; Chadalavada Sahithi; Medepalli Swath; Suman Maloji; Vinod Kumar Shukla | IEEE-Seventh International Conference on Information Technology Trends (ITT) | 2020 | This will be an integrative approach in the field of IIOT designed for perceptive Agriculture which are proceeding the arrangements in course of open source and on low powers devices | This project work contains various sorts of sensors, controllers in addition to positioner on behalf of WSN and ARM Cortex-A board |
| Smart Crop Protection System | Mohit Korche , Sarthak Tokse , Shubham Shirbhate , Vaibhav Thakre , S. P. Jolhe | IEEE-International Journal of Latest Engineering Science (IJLES) | 2021 | There are two general types, pneumatic and electronic. A buzzer or beeper is an audio Signaling device, which be mechanical. | Tool used: Proetus 8 Platform used: Windows 10 64bit System Configuration: i5 7th gen |
| Implementation of IIoT based smart crop protection and irrigation system | Ipseeta Nanda1,Sahithi Chadalavada2,Medepalli Swathi3 , Lizina Khatua4 | IEEE-Journal of Physics: Conference Series | 2020 | centralizing method in the area of IIoT contrived for understanding agriculture which is preceding the arrangements low-power devices . | various sorts of sensors, controllers and actuators for WSN and ARM Cortex-A board which consumes 700mA or 3W power is the foremost component of the system |
| Smart Crop Protection System from Animals using PIC | Mukesh Mahajan, Kiran Patil, Vishesh Geete, Prasad Kondhare | IEEE-International Journal of Scientific Research in Science, Engineering and Technology | 2020 | This is a microcontroller based system using PIC family microcontroller. This system uses a motion sensor . | Arduino, Wi-Fi (ESP 8266), Load cell, Database System |
| Delivering sustainable crop protectionsystems via the seed | John A. Pickett1, Gudbjorg I. Aradottı ́r, Michael A. Birkett, Toby J. A. Bruce,Antony M. Hooper | IEEE-International Centre of Insect Physiology and Ecology | 2014 | To reduce the need for seasonal inputs, crop protection will have to be deliv-eredviathe seed and other planting material | sustainability, crop protection, pestmanagement, breeding, genetic modification,push–pull technology |
| **Smart Intrusion Detection System for Crop Protection by using Arduino** | Srushti Yadahalli; Aditi Parmar; Amol Deshpande | IEEE-Second International Conference on Inventive Research in Computing Applications (ICIRCA) | 2020 | Traditional systems like humanoid scarecrows are used even today in an agricultural field to stop birds and animals from disturbing and feeding on growing crops | Animals  Agriculture  Thin film transistors  GSM  Cameras  Security |
| **Intelligent Secure Smart Crop protection From Wild Animals** | Mahammad Firose Shaik; Ravipati Mounika; A. Durga Prasad | IEEE-[8th International Conference on Advanced Computing and Communication Systems](https://ieeexplore.ieee.org/xpl/conhome/9784926/proceeding) | 2022 | The technology offered to detect the animal using a PIR sensor and generate a digital output utilizing a Pi and camera to capture the region | Animals  Communication systems  Crops  Forestry  cameras |

In the future, there will be very large scope; this project can be made based on wireless networks. Wireless sensor network and sensors of different International Journal of Scientific Research in Science, Engineering and Technology types are used to collect the information of crop conditions and environmental changes and this information is transmitted through network to the farmer that initiates corrective actions