| TITLE | AUTHOR | PUBLICATIONS | INFERENCE |
|---|---|---|---|
| 1)A Novel model for optimization of resource utilization in smart agricultural system using IOT(SMAIot) | 1. Keyur bhai A.jani<br>2. Nirbhay Kumar Chaubey | IEEE Internet of Things Volume 9 , No.13, July 1,2022 | In this journal,They have proposed a smart agricultural framework to monitor different types of low cost IOT sensors which collects data from soil,air,water and insects and makes appropriate decisions based on the analysis of sensor data. |
| 2)Increasing productivity of rice plants based on IOT to realize smart agriculture using systems thinking approach | 1. Muhammad galang satrio wicaksono<br>2. Erma suryani<br>3. Rully agus henvrawan | Sixth information systems international conference(ISICO 2021)-Elsevier | Here, an IOT is designed to develop smart agriculture by using a system thinking to increase agricultural land productivity.The result of this research is a casual loop diagram of internet based system thinking that can be used as a recommendation for increasing land productivity |
| 3)Smart agriculture with internet of things in cornfields | 1. Murtaza Cicioglu<br>2. Ali Calhan | Elsevier-Computers and electrical Engineering 90(2021) 106982 | This paper proposes an idea for productive corn harvest in large scale fields with the help of IOT hardware and software facilities.The specific properities of corn fields are gathered with special purpose sensors at coordinator nodes and then they sends the data to a relay node. |

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| 4) IoT Enabled Smart Farming and Irrigation System | 1. M.Rohith<br>2. R.Sainivedhana<br>3. N.Sabiyath Fatima | 5 th International conference on ICICCS-2021 IEEE Xplore part number-CFP21K74-ART,ISBN:978-0-7381-1327-2 | Here, the sensors which sense the values of humidity, moisture and temperature of plants. This is done using Arduino board, voltage regulator and relay which controls the motor. The manual workdone is reduced and the watering process is automated with the help of devices |
| 5)Mygreen:An IOT-Enabled smart green house for sustainable agriculture | 1. Pradyumna K.Tripathy<br>2. A jaya K.Tripathy<br>3. Aditi Agarwal<br>4. Saraju P.Mohanty | IEEE Consumer Technology society 1 February 2021 | This arcticle presents a potential of IOT in the area of green house farming and leading to the smart agriculture.the different parameters such as humidity,temperature,soil moisture are monitored through various sensors.By this values early fault detection and diagnosis can be done. |