NAME OF THE PAPER	AUTHORS	PUBLICATION	COMPONENTS USED	INFERENCE
Water Management in Agriculture: A Survey on Current Challenges and Technological Solutions	ABDELMADJID SAAD , ABOU EL HASSAN BENYAMINA , and ABDOULAYE GAMATIE	IEEE Access	Cyber-Physical Systems (CPS), Wireless Sensor Networks (WSN), Internet of Things (IoT) and Cloud Technologies	This paper aims at optimizing water usage, and improving the quality and quantity of agricultural crops and minimizing the need for direct human intervention which is achieved by smoothing the water monitoring process, by applying the right automation level, and allowing farmers getting connected anywhere and anytime to their farms.
Smart Agriculture Wireless Sensor Routing Protocol and Node Location Algorithm Based on Internet of Things Technology	DINGZHU XUE and WEI HUANG	IEEE Sensors Journal	Internet of Things (IoT), Wireless Sensor Network and DV-HOP algorithm.	This paper aims at the problem, of low positioning accuracy and large error of DV-HOP algorithm, which is solved by an improved method of DV-HOP algorithm based on average HOP distance to make positioning more precise.
Printed Sensor Technologies for Monitoring Applications in Smart Farming: A Review	ZHENG LIU and RAKIBA RAYHANA	IEEE Transactions on Instrumentation and Measurement	Printing techniques for Printed Sensors.	This paper highlights the enhanced performance of the printed sensors along with the wireless and IoT technologies, and the application domains in different areas that can be expanded to aid the smart farming practice.
A Systematic Review on Monitoring and Advanced Control Strategies in Smart Agriculture	SYEDA IQRA HASSAN, MUHAMMAD MANSOOR ALAM, USMAN ILLAHI, MOHAMMED A. AL GHAMDI, SULTAN H. ALMOTIRI and MAZLIHAM MOHD SU'UD.	IEEE Access	Raspberry pi, Arduino, Image sensing element, MATLAB, Sensor unit, Zigbee transceiver unit, Internet server, Wi-Fi module, RF module.	This paper helps to cope up with the pressure due to the changes in climate, erosion of soil, biodiversity loss and from end users.
Smart Irrigation System for Precision Agriculture—The ARETHOU5A IoT Platform	SPYRIDON NIKOLAIDIS, ACHILLES D. BOURSIANIS and MARIA S. PAPADOPOULOU	IEEE Sensors Journal	ARETHOU5A platform, RF-to-DC rectifier, Patch antenna.	This paper highlights the architecture of an intelligent irrigation system for precision agriculture by ARETHOU5A IoT platform that is developed to perform intelligent irrigation practices and policies in water irrigation management of a perennial olive field.