SMART FARMING (IoT ENABLED SMART FARMING APPLICATION) - -LITERATURE SURVEY				
S.NO	**TITLE OF THE JOURNAL**	**AUTHOR NAME**	**JOURNAL NAME**	**DESCRIPTION**
1.	Agri-IoT: A semantic framework for internet of Things-enabled smart farming applications	Andreas Kamilaris; Feng Gao; Francesc X. Prenafeta-Boldu;	IEEE	Agri-IoT, a semantic framework for IoT-based smart farming applications, which supports reasoning over various heterogeneous sensor data streams in real-time.
2.	A Low-Cost Information Monitoring System for Smart Farming Applications	Muhamamd saqib; Tarik Adnan Almohamad; Raja Majid Mehmood	MDPI	A low-cost, low-power, and low data-rate solution is proposed to fulfill the requirements of information monitoring for actual large-scale agricultural farms. a tree-based communication mechanism is deployed to extend the communication range by adding intermediate nodes. Each sensor node consists of a solar panel, a rechargeable cell, a microcontroller, a moisture sensor, and a communication unit.
3.	Smart farming for improving agricultural management	ElsayedSaid Mohamed; Mohamed BZahran[a];	The Egyptian Journal of Remote Sensing and Space Science	The smart irrigation system included those sensors for monitoring water level, irrigation efficiency, climate, etc. Smart irrigation is based on smart controllers and sensors as well as some mathematical relations.
4.	An Architecture model for Smart Farming	Anna Triantafyllou; Dimosthenis C.Tsouros; Panagiotis Sarigiannidis; Stamatia Bibi	IEEE	To guide the process of designing and implementing Smart farming monitoring systems, in this paper propose a generic reference architecture model, taking also into consideration a very important non-functional requirement, the energy consumption restriction.
5.	Smart Farming – IoT in Agriculture	Rahul Dagar; Subhranil Som; Sunil Kumar Khatri	IEEE	In this paper they surveyed typical agriculture methods used by farmers these days and what are the problems they face, they visited poly houses for further more information about new

				technologies in farming. The proposed model is a simple architecture of IoT sensors that collect information and send it over the Wi-Fi network to the server, there server can take actions depending on the information.
6.	Design and implementation of a connected farm for smart farming system	Minwoo Ryu; Jaeseok Yun; Ting Miao; Il-Yeup Ahn; Sung-Chan Choi;	IEEE	In this paper, we present a connected farm based on IoT systems, which aims to provide smart farming systems for end users.
7.	Big Data in Smart Farming – A review	SjaakWolfert; Marc-JeroenBogaardta	ELSEVIER	This review aims to gain insight into the state-of-the-art of Big Data applications in Smart Farming and identify the related socio-economic challenges to be addressed.
8.	A Survey on the Role of IoT in Agriculture for the Implementation of Smart Farming	Muhammad Shoaib Farooq; Kamran Abid; Muhammad Azhar Naeem	IEEE	The article presents many aspects of technologies involved in the domain of IoT in agriculture. It explains the major components of IoT based smart farming. A rigorous discussion on network technologies used in IoT based agriculture has been presented, that involves network architecture and layers, network topologies used, and protocols.
9.	The Digitisation of Agriculture: a Survey of Research Activities on Smart Farming	ManlioBacco; Massimiliano Ruggerib	ELSEVIER	In this work, they provide a survey of the most recent research activities, in the form of both research projects and scientific literature, with the objective of showing the already achieved results, the current investigations, and the still open challenges, both technical and non technical.
10.	Experimental validation of a wireless system for the irrigation management in smart farming applications	Federico Viani	Microwave and Optical Technology Letters	The proposed system has been prototyped and experimentally validated in an apple orchard, close to the city of Trento, in the north of Italy.
