S.NO	TITLE OF THE BOOK	AUTHORS	ABSTRACT	CONCEPT USED	LIMITATIONS OF THE SYSTEM
1)	IoT Based Smart Agriculture Automation in Artificial Intelligence	Kumar Parasuraman; Udayakumar Anandan; Anbarasakumar Anbarasan	In advanced smart farming and the Internet of Things (IoT), conventional simple meters are extremely highly transmitted. In addition, it digitalizes the range of information, the meter readings.The total population is expanding very fast and the demand for food is increasing vigorously with the population. Customary farmers' strategies are not sufficient to meet growing demand and therefore need to hinder the soil by increasingly using destructive pesticides.	IoT, Wireless Communications, Machine Learning, Depp Learning, and Artificial Intelligence	The complexity of the code and the process is bit more as compared to normal Machine Learning algorithms
2)	IoT and AI in Precision Agriculture: Designing Smart System to Support Illiterate Farmers	Javed Anjum Sheikh; Sehrish Munawar Cheema; Muhammad Ali Zohaib Amjad	Precision agriculture is revolutionizing the concept of smart farming in the entire world. Smart and precise agriculture is the key to producing the best yield of crops. The research is a bridge between agricultural research and computer technologists.	Wireless Communications, Android Application	A web interface to manage knowledge of the latest crops and already feed crops knowledgebase of a system by admin end.

3)	IoT and Machine Learning Approaches for Automation of Farm Irrigation System	Anneketh V, Singh Vijendra, Abhishek Jain, Shivam Bajaj, Aashima Bassi, AarushiSharma	In the current age of high competition and risk in markets, technological advancements are a must for better growth and sustainability. The same applies to the agriculture industry. Every farmer has high stakes on the crops, their yield and quality. Rising water issues and need for proper methodologies for farm maintenance is a hot issue that needs to be tackled at utmost propriety. An automation of irrigation systems in farms is proposed in this research.	Internet of Things (IoT), Wireless sensor network (WSN), Machine learning (ML) algorithms	Each region of the farm would be covered by various sensor modules for which transmitting data on a common server is required.
4)	Automation and digitization of agriculture using artificial intelligence and internet of things	A.Subeesh, C.R.Mehta	The growing population and effect of climate change have put a huge responsibility on the agriculture sector to increase food-grain production and productivity. In most of the countries where the expansion of cropland is merely impossible, agriculture automation has become the only option and is the need of the hour.	IoT and AI based systems, Deep learning	The research work done in the areas during the last 10 years has been reviewed from the scientific databases including PubMed, Web of Science, and Scopus. It has been observed that the digitization of agriculture using AI and IoT has matured from their nascent conceptual stage and reached the execution phase.
5)	Smart Agriculture Automation Using Advanced Technologies	Amitava Choudhury, Arindam Biswas, T. P. Singh, Santanu Kumar Ghosh	Provides interdisciplinary study between agriculture and computer science for automated agriculture sector. Discusses various automation methods. Includes practical information on applicability of agriculture	Data Analytics and Machine Learning, Cloud Architecture, Automation and IoT	Requires various automation methods.