DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

IBM – LITERATURE SURVEY

PROJECT TITLE

IoT BASED SMART CROP PROTECTION SYSTEM FOR AGRICULUTURE

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S. No	Title of the Project	Advantages	Disadvantages	Technology used
1.	Security & privacy for green IOT-based agriculture:	Lower operations costs. Higher employee productivity. Better consumer experiences. New consumer insights.	Security and privacy issues. Lack of technical knowledge. Internet & power connections dependence. Time consuming and expensive to implement.	Block chain technology
2.	Collaborative actualtions of wireless sensor and actuator N/W's for the agriculture industry.	Improved data collection driving farming efficiency cleaner process reducing the carbon footprint. Accentuated product quality . It reduces wastage & cost management.	It is more secured and it has privacy devices must be protected from physical tampering, internet based software actucks.	Wireless sensor technology
3.	A survey on privacy preserving blockchain system (PPBS) and a novel PPBS -based framework for smart agriculture	It has enchanced security. Data is sensitive & crucial, and blockchain can significantly change how your critical info is viewed have greater transparency .	Block chain have high energy dependence	Block chain technology

4.	Renewable energy integration into cloud & IOT -based smart agriculture.	Have decentralized network. Have transparency, Trusty chain , Unalterable & in destructible technology.	It could serve as a holestic solution to the problems associceted with the disreputable but yet reliable fossile fuel & nuclear energy	Cloud computing technology.
5.	Photo vottaic agriculture IOT towards realizing the next generation of smart tarming .	Do not use fuel other than sunshine . Do not relecese any harmful air or water pollution into environment .	The scale of demand for the resources combined would be highly colossat and these are bound to be problem in integrating	Smart farming technology
6.	Recent development of the internet of things in agriculture	Have lower maintancence requirement. Saves mones . Environmentall y friend.	Have high unfront cesets Renewable energy is intermittent Have limited storage capabulties .	IOT technology.
7.	Intelligent agriculture & its key technology based on internet of things architcure.	Clean and green energy source Free raw materials .	Have intpaltion and the implementions high cost.	IOT technology.
8.	IOT- bara smart agriculture :tow ards matens the fields talk.	Easy to work 10w in maintainence. Cleaner process reduces the carbon footprint.	It allows farmers to maximum resources such as water ,fertilizer s ,seeda etc.	IOT technology.

9.	Internet of things in green house agriculture : A survey on enabling technologies;	Date is sensitive and crucial and blochchain can sensitivily change your critical info is viewed.	It continually regiures internet connectivity . The IOT related equipment allows the farmer to understand the technology.	Block chain technology.
10.	Research on agricultural suppy chain architecture based on edge computing and efficiency optimization.	Accenuated product quality improved data collection during farming efficiency.	Over use of machines may lead to environment damage . It differtent but has many side effects.	Cloud computing technology.