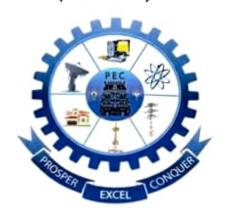
## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

IBM - LITERATURE SURVEY

PROJECT TITLE

## Iot based smart crop protection system for agriculuture

(2022-2023)



Guide Name: Dr.S. Vijayakumar

SUBMITTED BY
JEEVITHA M (19105035)
KAMALESH A (19105036)
KAMALI S (19105037)
KANISHKAR M (19105038)

FINAL YEAR B.E. (ECE)
PAAVAI ENGINEERING COLLEGE,

Paavai Nagar, NH-7, Pachal, Namakkal-637018, Tamil Nadu

0.11-	Title of the	A	Di	Tbl
S. No	Title of the	Advantages	Disadvantages	Technology
-	Project	•		used
1.	Security &	Lower	Security and	Block chain
	privacy for	operations	privacy issues.	technology
	green IOT-	costs.	Lack of	
	based	Higher	technical	
	agriculture:	employee	knowledge.	
		productivity.	Internet &	
		Better	power	
		consumer	connections	
		experiences.	dependence.	
		New consumer	Time	
		insights.	consuming	
			and expensive	
			to implement.	
2.	Collaborative	Improved data	It is more	Wireless
	actualtions of	collection	secured and it	sensor
	wireless	driving	has privacy	technology
	sensor and	farming	devices must	
	actuator N/W's	efficiency	be protected	
	for the	cleaner	from physical	
	agriculture	process	tampering,	
	industry.	reducing the	internet based	
		carbon	software	
		footprint.	actucks.	
		Accentuated		
		product		
		quality.		
		It reduces		
		wastage &		
		cost		
		management.		
3.	A survey on	It has	Block chain	Block chain
1,50	privacy	enchanced	have high	technology
	preserving	security.	energy	
	blockchain	Data is	dependence	
	system (PPBS)	sensitive &		Ш
	and a novel	crucial, and		
	PPBS -based	blockchain		
	framework for	can		
	smart	significantly		
	agriculture	change how		
		your critical		
		info is viewed		
		have greater		
		transparency.		

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.