IOT BASED SMART CROP PROTECTION SYSTEM FOR AGRICULTURE

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LITERATURE SURVEY

Journal	Author	Concept
IOT Based Crop-Field Monitoring And Irrigation Automation	S,muthunpandian, S.Vigneshwaran , R.C Ranjitsabarinath , Y.Manoj kumar reddy	This paper has given an automated system has been designed and implemented on for crop field monitoring continuously. The system maintains the water levels in the crop field at power consumption in the crop field. Developed system is useful in the irrigation system.
Automated Irrigation System Using a Wireless Sensor Network and GPRS Module	Joaquin Gutierrez, Juan Francisco Villa-Medina, Alejandra Nieto-Garibay, and Miguel Angel Porta-Gandara	This paper showed automated irrigation system that reduces the water resources more effective by considering the timing of water scarcity. They shown water utilization is minimized and incorporated a solar power system to reduce power consumption. This was developed by smart phone operating by considering the sensors data via internet.
Field Monitoring and Automation using IOT in Agriculture Domain	Mohanraj I Kirthika Ashokumarb, Naren	This paper focuses on monitoring the data in farming cycle. The system contains ATMEL microcontroller based GSM operated sensors are used to monitors wind mill temperature variation PH level of water. After that an Arduino based IOT system are used however when we consider to monitor the huge number of Raspberry pi system is more suitable.
Risk Assessment on Raspberry PI using NIST Standards	Michael G Williams	This paper showed an irrigation system with raspberry pi system. Raspberry pi based systems for home automation, entertainment systems, security. Developing Raspberry systems are more interesting for thrusting environments