**LITERATURE REVIEW/SURVEY**

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| **Sr**  **No.** | **AUTHOR**  **NAME** | **DESCRIPTION** |
| **1** | **ChandanKumar**  **Sahu** | In this paper includes a number of wireless sensors which are placed in different directions of the farm field. Each sensor is integrated with a wireless networking device and the data received by the “ATMEGA-318” microcontroller which is on the “ARDUINOUNO” development board |
| **2** | **K.S.Nemali** | In this paper proposed irrigation systems which are also automated through information on volumetric water content of the soil using dielectric moisture sensors. It is used to control actuators and save water, instead of irrigation schedule at a specific time of the day, with a specific duration and according to soil moisture |
| **3** | **Supraha**  **Jadhav** | Proposed, automated irrigation system using wireless sensor network and raspberry pi that control the activities of drip irrigation system efficiently [3].  Sebastian Hentzelt et al. proposed a paper on the water distribution system and gave results to decompose the original nonlinear optimal control problem (OCP) |
| **4** | Joauin Gutierrez | Attempted a paper that research automated irrigation system using a wireless sensor network and GPRS module instead of the Raspberry pi |
| **5** | **Ms.Deweshvree Rane** | Proposed “Review paper based on Automatic Irrigation System Based on RF Module” it is based on the RF module, this device is used to transmit or received radio signal between two devices. It’s design is complex because of the sensitivity of radio circuits and the accuracy of the components |