

V.S.B ENGINEERING COLLEGE,KARUR

Department of Electronics and Communnication

Engineering

IBM NALAIYA THIRAN

LITERATURE SURVEY

TITLE : Smart Irrigation-IOT Enabled Smart Farming Application

DOMAIN NAME :Internet of things

LEADER NAME : Navaneethan R

TEAM MEMBER NAME: Naveen kumar V

Kavin kumar P

Parthipan G

MENTORNAME :VALLISUSEELA R

PROBLEM STATEMENT:-

Irrigation creates more problems like over and insfficiet and measuring the amount of land becomes tough when we irrigate the agricultural land using the traditional irrigation techniques so we are yet to find solution

MAIN IDEA : To automate the process of irrigation.

Team Ideas:

Navaneethan R:

- ✚ Automate irrigation process using temperature of soil.
- ✚ Automate irrigation using measurement of moisture of soil

Naveenkumar V:-

- ✚ We can use sensors on sensing
- ✚ We can sense and program the moisture level

Kavinkumar P:-

- ✚ We can simplify the drip irrigation into time controlled irrigation
- ✚ Automate irrigation using any Robots

Parthipan G

- ✚ We can automate and design Arduino for programming
- ✚ We can make good design and programming of soil moisture and temperature

Best Three Ideas:-

- Automate irrigation using measurement of moisture of soil
- We can sense and program the moisture level
- We can automate and design Arduino for programming