**IBM NALAIYA THIRAN**

**TITLE :** Smart Irrigation-IOT Enabled Smart Farming Application

**DOMAIN NAME :**Internet of things

**TEAM MEMBERS :**Kaneeshka.S

Rithane**.**K.S

Gijandiran**.**R

Santhosh**.**M

**PROBLEM STATEMENT:-**

A huge amount of water consumption is required which leads to water wastage tough we irrigate the agricultural water using the traditional irrigation techniques so we are yet to find solution.

# 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 Audino 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 Audino for programming