Ideation

TITLE	Smart Farmer-IOT Enabled Smart Farming Application
DOMAIN NAME	INTERNET OF THINGS
TEAM ID	PNT2022TMID23830
Project Name	Smart Farmer - IoT Enabled Smart Farming Application
Leader Name	GOWSALYA L
Team Members Name	DEEPIKA B K MEGAVARSHINI G MONISHA N
MENTOR NAME	THIRUPPATHI M

PROBLEM STATEMENT:

Irrigation causes additional issues such as over and under-irrigation, and measuring the amount of land becomes difficult when we irrigate agricultural land using traditional farming techniques, so we have yet to find a solution.

MAIN IDEA: To automate the smart farming process

TEAM IDEAS:

GOWSALYA L

➢ Automate irrigation using soil temperature measurement.

➢ Automate irrigation using soil moisture measurement.

DEEPIKA BK

➢ On sensing, we can use sensors.

➢ We can detect and set the moisture level.

MEGAVARSHINI G

➢ The drip irrigation can be reduced to time-controlled irrigation.

➢ Automate irrigation with any available robots.

MONISHA N

➢ We are able to create and automate Arduino for programming.

➢ We are capable of making effective soil moisture and temperature design and programming.

BEST THREE IDEAS

➢ Automate irrigation using soil temperature measurement.

➢ We can detect and set the moisture level.

➢ Automate irrigation with any available robots.