V.S.B.ENGINEERING COLLEGE,

KARUR

Department of Electronics and

Communication Engineering IBM

NALAIYA THIRAN

IDEATION

TITLE   **:** Smart crop protection

DOMAINNAME   **:** Internet of Things

LEADER NAME   **: Thiyagarajan**

TEAM MEMBERS
NAME   **:** Vignesh
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MENTOR NAME   **:** valli susella

PROBLEM STATEMENT :

Due to advancement in irrigation system and electric pumps farmers need to spend their entire time in the field to irrigate. They can leave the field once start the electric motor and water is dispatched to fields by irrigation system. sometimes overflow of water to fields happens results decaying of plant's root. So, we designed a device to monitor the water level in the field that is optable for the crop.

PROPOSED IDEAS:

- We have designed a device that will monitor the water level in the field based on the requirement of crops

- If the water level goes beyond the threshold automically our device send an alert message to the famer. So he can off the motor by where he is.

- This reduces time and water management.

- This will surely helpful for the farmers which prevents the production and efficient irrigation management.