**TEAM - 09**

**THE ROBOTICS CLUB - INDUCTION’21**

**Abstract**

**Theme:**

Agriculture

**The Problem**:

The problem statement we have selected is GLOBAL WARMING (refer to rise of planet’s temperature) caused by green house gases and human activities such as burning fossil fuel, deforestation etc. And another biggest problem is PEST ( An insect ) in food crops which are been causing significant losses to farmers and threatening food security.

**The team’s approach to solve the problem**:

Our idea is to build a robot which is used to plant trees in thousands of acres, which is the most effective way to fight climate change, planting trees is not easy maybe robots can help us to do this job. So, our robot will be capable of digging soil, sowing seeds, and finally watering the closed soil. It is also designed to detect pest in the food crops which is one of the significant problems in agriculture.

**Title of the project:** Project Dharani

**Team:**

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