

Project Design Phase-I
Proposed Solution Template

Date	28 September2022
Team-ID	PNT2022TMID33663
Project Name	IoT Based Smart Crop Protection System For Agriculture
Maximum Marks	2

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No	Parameter	Description
1.	Problem Statement (Problem to be solved)	when the power is off the sensors are not working,on that time formers has faced the issues so we have to fix the generator to set the sensors on working condition.
2.	Idea / Solution description	we fix a 5000w to 7000w generator in a crop field to access the wifi router and sensors. etc., and in case the power is off means automatically the generator will start and produces the power to the sensors and monitors.
3.	Novelty / Uniqueness	we create a new atmosphere in agriculture like modern agriculture to reduce the loss of crop production while monitoring the field by using IoT sensors
4.	Social Impact / Customer Satisfaction	we took initiate to do modern agriculture first when we succeed on this ,it will lead others to do modern agriculture
5.	Business Model (Revenue Model)	when one should get success on that with high profit others also show intrest to do this.
6.	Scalability of the Solution	This will bring a new era in agriculture in 10 to 20 years by using IoT technology because many of the people know how to do agricultr but not in efficient manner,so later it will be changed when this will came out