

Project Design Phase-I
Proposed Solution Template

Date	20 September 2022
Team ID	PNT2022TMID17321
Project Name	Project – Emerging Methods For Early Detection Of Forest Fires
Maximum Marks	2 Marks

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)	Develop an efficient system & an application that Can monitor and alert the user(organization)
2.	Idea / Solution description	<ul style="list-style-type: none"> ➤ Early forest fire detection various remote sensing systems ➤ Imaging airborne or ground based lidar and satellite ➤ Temperature sensor smoke sensor Are deployed certain distance ➤ Sensor will be send the signal or information to the microcontroller
3.	Novelty / Uniqueness	<ul style="list-style-type: none"> ➤ Fastest alerts to the organization or group ➤ The increasing nature plants ➤ Avoid the unwanted forest fires ➤ And save the animals
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none"> ➤ Easy installation and provide efficient results ➤ The optimization of all the processes related to forest and increase natural resource ➤ Sensor measure the temperature and alert the correct time
5.	Business Model (Revenue Model)	<ul style="list-style-type: none"> ➤ The organization or group to maintain the forest and use the resource for business related ➤ And forest inside the resource use to create a medicine
6.	Scalability of the Solution	<ul style="list-style-type: none"> ➤ The role of forest fire detection to protect and additional to all other methods maintain the forest ➤ Focuses on the real problems and all other method are designed and optimised