

Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID06174
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)	Human monitoring to detect forest fires requires 24X7 monitoring. Also involves delay in transferring information.
2.	Idea / Solution description	To avoid delay and manual monitoring, we can use image processing to monitor forests.
3.	Novelty / Uniqueness	Satellite images of forests will be processed for identifying fire.
4.	Social Impact / Customer Satisfaction	It will help prevent loss of natural resources and wildlife.
5.	Business Model (Revenue Model)	It can reduce the reaction time and accuracy is high.
6.	Scalability of the Solution	In future we can include machine learning to detect smoke coming from forest.