Problem statement

Ideation phase

Date	4 October 2022
Team I'd	PNT2022TMID52354
Project Name	Emerging Methods for Early Detection of Forest Fires
Maximum mark	2 marks

Problem statement :

The most common hazard in forests is forests fire. They pose a treat not only to the forest wealth but also to the entire regime to fauna and flora seriously disturbing the bio –diversity and the ecology and environment of region.During summer , when there is no rain for months, the forests become littered with dry senescent leaves and twinges, which could burst into flames ignited by the slightest spark.Forest fire causes imbalances in nature and endangers biodiversity by reducing faunal and floral wealth.Traditional methods of fire prevention are not proving effective and it is now essential to raise public awareness on the matter , particularly among those people who live close to or in forested areas.

I am	Humans are responsible for 75% of all forest fire. Naturally occurring forest fires can be caused by lightning,volcanic activity and coal seam fires , though these are relatively rare.
I'm trying to	Using the recent technologies to avoid forest fires in Deep learning based on pre-trained satellite image processing and forest officer can view the recommanable forest fires through Gmail sms so avoid overexposure.

But,	I don’t know much about the recent technology that helps me predict forest fires, and I haven’t found the right solutions for forest fires.
Because	I don’t want to cause devasting damage to both nature and humans, air pollution,every fire huge amounts of gases released in the atmosphere .
Which makes me feel	I’m not capable of early detect the fires and maintaining the area clean of forest but I trying solution for this problem.