

Project Design Phase-I Solution Architecture

Date	20 October 2022
Team ID	PNT2022TMID34027
Project Name	Emerging methods for early detection of forest fires
Maximum Marks	4 Marks

Solution Architecture:

Nowadays, forest fires are a serious threat to the environment and human life. The monitoring system for forest fires should be able to make a real-time monitoring of the target region and early detection of fire threats.

- Initially fire detected by the sensor that is fixed in the forest.
- The signals transmitted to earth station.
- The receiver signals transmitted to the fire detection center for case studies. It will be processed.
- The alerts were given to state forest department.
- The forest department immediately take the remedial measure for suppression and mitigation of forest fire.

