

## Project Design Phase-I Solution Architecture

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| 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.

