

## Project Design Phase-I Solution Architecture

Date	19 September 2022
Team ID	PNT2022TMID34045
Project Name	Emerging Methods for Early Detection of Forest Fire
Maximum Marks	4 Marks

### Solution Architecture:

Forest are part of the important Resources for human survival and social Development that protect the balance of the earth ecosystem. Spring and summer are the peak seasons for wildfires. Now there are many methods used for providing fire detection to forest.

- To enable SFDs to monitor large forest fire events and provide special emphasis in fire control of these events.
- To provide disaster escalation support in order to bring in timely additional support from other agencies such as District Administration, SDMA, NDMA, Armed forces etc
- National Large Forest Fire Database would help in future planning especially in development of State Crisis Management Plans, Working plan.
- To support rehabilitation of fire affected areas.

### Real Time Monitoring of Forest Fires

