**Project Design Phase-I**

**Problem Solution Fit**

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| Date | 15/10/ 2022 |
| Team ID | PNT2022TMID27896 |
| Project Name | Emerging Methods For Early Detection of Forest Fires |



*>The proposed system will be able to monitor and supervise forest fire using AI(Artificial Intellignce)*

*>Lack of public awareness and power attitudes*

*>Lightning strikes*

*>Sparkes due to volcanic eruptions*

>*The offline process produces predefined patterns from the forest environment.*

*>Create awareness through social media and share their views on issues.*

*>Fire behaviour refers to the way a fire burns,such as how quickly it spreads ,how much heat it gives off and how much vegetation it consumes*

*>Multi-modal/Multi-sensor fire analysis. Pyro-electric Infrared Sensors for Flame Detection.*

*>Reduce flame reflections*

*>Minimal maintenance*

*>The forest fires destroys the wildlife habitat, damages the environment,spoils the biological properties of the soil.*

>*Triggered by off-trail camping or other causes*

*>Loss of valueable timber resources*

*>Limited amount of energy*

*>Including reduced lung function*

>*Forest officials and Villagers*