| Team ID      | PNT2022TMID03630                        |
|--------------|---|
| Project Name | Emerging Methods for Early Detection of |
|              | Forest Fires                            |
| TEAM DETAILS | Team Leader : MEKALA BHARGAV            |
|              | Team member : NARIBOYINA PAVAN SAI      |
|              | Team member : MUNJURU BHARADWAJA        |
|              | Team member : N PAVAN                   |

| What do they<br>Think and Feel?<br>What really counts<br>major preoccations<br>worries and<br>aspirants.                | What do they see? Environment and animal death.   | What do they Say and Do? Behaviour towards others. Public attitude and appearance.   | What do they Hear? People opinion. Influencers opinion.  |
|---|---|--|--|
| System which detects fire can limit emission of toxic products created by combustion of wood and other forest products. | Analyse data by using digital devices and comparing with data available and provided during training. | Detection of the fire conditions two conditions two analytical methods using machine learning algorithm and threshould ratio analysis. | Many think it may cost more bucks.   |
| Detection need to perform very quick actions.   | Saving of natural resourses is definetely possible.   | Is it possible to detect forest fire.  | Detection of fire and immediate buzzer sound and also signal to the cloud and notification to emergency service. |
| Will the outcome perfomance always Accurate.  | Detection is automatic in protection of global environment.   | Proposed algorithm to predict fires.   | Many types of alarm sounds can be used to detect different kind of effects.                                      |

| Pains and fears                             | Gains and wants                             |
|---|---|
| Animals are not protected.                  | Prediction should be always accutate.       |
| Talls trees are fired which cannot be used  | Improve the free detection in real time and |
| further.                                    | accurate.                                   |
| Should be able to manage cost of it. Should | Deep learning algorithms are used to detect |
| work in all situations.                     | and trained using this model algorithms.    |