PROJECT OBJECTIVES

Date	07 November 2022
Team id	PNT2022TMID26945
Project Name	Emerging methods for early detection of forest fires

- For the success of each and every project, first the project objectives need to be framed so as to carry out the project with a smooth flow and bring out the desired output.

- The goal of the project is to create a kind of alarm system to detect the forest fire before or after the fire in order to enforce certain preventive measures.

- This can be achieved by using the Deep Learning and CNN model with the cumulative effect of the Artificial Intelligence technology.

- The objectives of this project can be summarized as follows:

  - We will be able to learn how to get and prepare the dataset.

  - We will be able to know how to do image processing.

  - We will understand how CNN layers are work.

  - Classify images using a Convolutional Neural Network.

- We will be able to know what are the activation functions can be used.

- We will be able to know how to read images using OpenCV.

- We will know convolutional Neural Networks for Computer vision AI Problems.

- Upon completing all the above mentioned tasks or milestones we can obtain a model which can predict the forest fires at an early stage.