PROJECT OBJECTIVES

Date	07 November 2022
Team id	PNT2022TMID29437
Project Name	Emerging methods for early detection of forestfires

- • For the success of each and every project, first the project objectives need to be framed so as to carry out the project witha 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 enforcecertain preventive measures.

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

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

  - ▪ We will be able to learn how to get andprepare the dataset.

  - ▪ We will be able to know how to do imageprocessing.

- We will understand how CNN layers arework.

- Classify images using a ConvolutionalNeural 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 AIProblems.

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