PREPARATION PHASE

PROJECT OBJECTIVES

Team ID	PNT2022TMID06660
Project Name	EMERGING METHODS FOR EARLY DETECTION OF FOREST FIRES

- For the success of each and every project, first the project objectives needto 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 theforest fire before or after the fire in order to enforce certain preventivemeasures.

- This can be achieved by using the Deep Learning and CNN model withthe 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 functionscan be used.

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

    - We will know convolutional Neural Networks for Computervision AI Problems.

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