

EMERGING METHODS OR EARLY DETECTION OF FOREST FIRE

PROJECT OBJECTIVE

- 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 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 work.
- Classify images using a convolutional neural network.
- We will be able to know what are the activation functions that 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.

