

# **EARLY DETECTION OF FOREST FIRE USING DEEP LEARNING**

## **PROJECT OBJECTIVE**

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| Team ID      | PNT2022TMID08869   |
| Project Name | Project-Early detection of forest fire using deep learning |

### **PROJECT OBJECTIVE:**

#### **By the end of this project you will:**

- You will be able to learn how to get and prepare the dataset.
- You will be able to know how to do image processing.
- You will understand how CNN layers work.
- Classify images using a Convolutional Neural Network.
- You will be able to know what activation functions can be used.
- You will be able to know how to read images using OpenCV.
- You will know convolutional Neural Networks for Computer vision AI Problems.

Upon learning and completing all the above objectives, we can obtain a model which predicts the forest fire.