# EARLY DETECTION OF FOREST FIRE USING DEEP LEARNING

**PROJECT OBJECTIVE**

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| Team ID | PNT2022TMID12252 |
| 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 are work.
* Classify images using a Convolutional Neural Network.
* You will be able to know what are the 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.