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

### **IMAGE PRE-PROCESSING**

## APPLYING ImageDataGenerator to train and test dataset

Team ID	PNT2022TMID52430
Project Name	Project-Early detection of forest fire using deep
	learning

The ImageDataGenerator class has three methods,

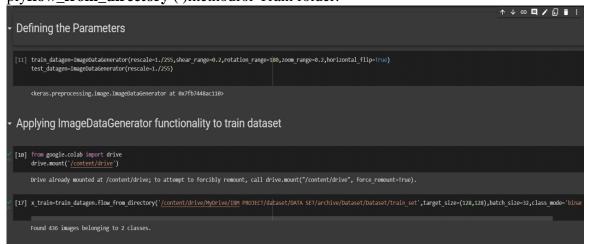
1.flow(),

- flow\_from\_directory()
- flow\_from\_dataframe ( ) to read the images from a big numpy array and folders containing images.

flow\_from\_directory ( ) expects at least one directory under the given directory path.

## **APPLYING ImageDataGenerator to train dataset:**

plyflow\_from\_directory ( )methodfor Train folder.



# APPLYING ImageDataGenerator to test dataset:

Applying the **flow\_from\_directory** ( ) methodfortest folder.

