

EARLY DETECTION OF FOREST FIRE USING DEEP LEARNING MODEL BUILDING

Team Id	PNT2022TMID26362
Project Name	Project-Early detection of forest fire using deep learning

Initializing the model

[illegible]

```

        batch_size=32,
        class_mode='binary')
Found 436 images belonging to 2 classes.
Found 121 images belonging to 2 classes.
#import model building libraries

#To define Linear initialisation import Sequential
from keras.models import Sequential
#To add layers import Dense
from keras.layers import Dense
#To create Convolution kernel import Convolution2D
from keras.layers import Convolution2D
#import Maxpooling layer
from keras.layers import MaxPooling2D
#import flatten layer
from keras.layers import Flatten
import warnings
warnings.filterwarnings('ignore')
#initializing the model
model=Sequential()
#To define Linear initialisation import Sequential
from keras.models import Sequential
#To add layers import Dense
from keras.layers import Dense
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warnings.filterwarnings('ignore')
In [8]:
#initializing the model
model=Sequential()

```