Project Name	Emerging Methods for Early
	Detection of Forest Fires
Team ID	PNT2022MID37993
Date	4 th November 2022

8d: Adding Dense Layer

```
model.add(Dense(64,activation='relu'))
model.add(Dropout(0.4))
model.add(Dense(1,activation='sigmoid'))
model.summary()
```

Model: "sequential"

Layer (type)	Output Shape	Param #
conv2d (Conv2D)	(None, 62, 62, 48)	
<pre>max_pooling2d (MaxPooling2D)</pre>	(None, 31, 31, 48)	0
dropout (Dropout)	(None, 31, 31, 48)	0
conv2d_1 (Conv2D)	(None, 29, 29, 32)	13856
<pre>max_pooling2d_1 (MaxPooling 2D)</pre>	(None, 14, 14, 32)	0
<pre>dropout_1 (Dropout)</pre>	(None, 14, 14, 32)	0
flatten (Flatten)	(None, 6272)	0
dense (Dense)	(None, 64)	401472
<pre>dropout_2 (Dropout)</pre>	(None, 64)	0
dense_1 (Dense)	(None, 1)	65

Total params: 416,737 Trainable params: 416,737 Non-trainable params: 0

Adding call to Avoid Overfitting