## EARLY DETECTION OF FOREST FIRE USING DEEP LEARNING

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Project Name	Emerging Methods for Early Detection of Forest Fires

( Training the model)

## Training the model

```
model.fit(x_train,steps_per_epoch=13,epochs=30,validation_data=x_test,validation_steps=3)
#steps_per_epoch = no of training images/batch size
#validation_steps = no of testing images/batch size
```

```
Epoch 1/30
Epoch 2/30
Epoch 3/30
Epoch 4/30
Epoch 5/30
Epoch 6/30
Epoch 7/30
Epoch 8/30
Epoch 9/30
```

```
Epoch 10/30
Epoch 11/30
Epoch 12/30
Epoch 13/30
Epoch 14/30
Epoch 15/30
Epoch 16/30
Epoch 17/30
Epoch 18/30
```

```
Epoch 19/30
Epoch 20/30
Epoch 21/30
2
Epoch 22/30
Epoch 23/30
Epoch 24/30
Epoch 25/30
Epoch 26/30
Epoch 27/30
2
```