

EARLY DETECTION OF FOREST FIRE USING DEEP LEARNING

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Project Name	Emerging Methods for Early Detection of Forest Fires

(Importing the model building libraries)

Importing Model Building Libraries

```
from tensorflow.keras.layers import Convolution2D
from tensorflow.keras.layers import MaxPooling2D
from tensorflow.keras.layers import Flatten
from tensorflow.keras.optimizers import Adam , SGD, RMSprop
```

```
x_train.class_indices
```

```
{'forest': 0, 'with fire': 1}
```