

**V.S.B. ENGINEERING COLLEGE, KARUR**  
**Department of Electronics and Communication Engineering**

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**TEAM ID : PNT2022TMID33603**

**ADD CNNLAYERS**

```
model=Sequential()

model.add(Convolution2D(32, (3, 3), input_shape=(128, 128, 3), activation='relu'))

model.add(MaxPooling2D(pool_size=(2, 2)))

model.add(Flatten())

model.save(r'C:\Users\uma25\project\flask\uploads\fruit.h5')

model.summary()
Model: "sequential"
```

Layer (type)	Output Shape	Param #
conv2d (Conv2D)	(None, 126, 126, 32)	896
max_pooling2d (MaxPooling2D)	(None, 63, 63, 32)	0
flatten (Flatten)	(None, 127008)	0
dense (Dense)	(None, 40)	5080360
dense_1 (Dense)	(None, 70)	2870
dense_2 (Dense)	(None, 6)	426

```
=====  
Total params: 5,084,552  
Trainable params: 5,084,552  
Non-trainable params: 0
```