

## Referred website in first week

1)CNN <https://www.analyticsvidhya.com/blog/2021/05/convolutional-neural-networks-cnn/>

<https://towardsdatascience.com/applied-deep-learning-part-4-convolutional-neural-networks-584bc134c1e2>

<https://medium.com/s-a-a-s/dl-basic-concept-of-cnn-2ef4fc9b039b>

<https://www.sciencedirect.com/topics/engineering/convolutional-neural-network>

### 2) CNN ARCHITECTURE MODELS

<https://towardsdatascience.com/illustrated-10-cnn-architectures-95d78ace614d>

<https://vitalflux.com/different-types-of-cnn-architectures-explained-examples/>

<https://iq.opengenus.org/different-types-of-cnn-models/>

<https://www.upgrad.com/blog/basic-cnn-architecture/>

<https://medium.com/analytics-vidhya/cnns-architectures-lenet-alexnet-vgg-googlenet-resnet-and-more-666091488df5>

### 3) INCEPTION NET

<https://www.mathworks.com/help/deeplearning/ref/inceptionresnetv2.html;jsessionid=7ab8690ca52cd1cdb52ee988f794#:~:text=Inception%2DResNet%2Dv2%20is%20a,%2C%20pencil%2C%20and%20many%20animals.>

<https://arxiv.org/abs/1602.07261>

<https://www.geeksforgeeks.org/inception-v4-and-inception-resnets/>

<https://paperswithcode.com/method/inception-resnet-v2>

### 4) VGGNET

<https://medium.com/analytics-vidhya/vggnet-architecture-explained-e5c7318aa5b6#:~:text=VGGNet%20is%20a%20Convolutional%20Neural%20Network%20architecture%20proposed%20by%20Karen,network%20depth%20on%20its%20accuracy.>

<https://www.kaggle.com/blurredmachine/vggnet-16-architecture-a-complete-guide>

<https://pyimagesearch.com/2017/03/20/imagenet-vggnet-resnet-inception-xception-keras/>

### VGGNET IMPLEMENTATION

<https://www.analyticsvidhya.com/blog/2021/06/build-vgg-net-from-scratch-with-python/>

<https://towardsdatascience.com/step-by-step-vgg16-implementation-in-keras-for-beginners-a833c686ae6c>

### 5) Image extraction details

[https://www.researchgate.net/publication/331448329\\_3D-CNN-based\\_feature\\_extraction\\_of\\_ground-based\\_cloud\\_images\\_for\\_direct\\_normal\\_irradiance\\_prediction](https://www.researchgate.net/publication/331448329_3D-CNN-based_feature_extraction_of_ground-based_cloud_images_for_direct_normal_irradiance_prediction)

[https://www.researchgate.net/figure/VGG-16-network-architecture-for-feature-extraction\\_fig1\\_335184836](https://www.researchgate.net/figure/VGG-16-network-architecture-for-feature-extraction_fig1_335184836)

<https://link.springer.com/article/10.1007/s11265-021-01714-7>

#### 6) Dataset collection details

<https://www.ncdc.noaa.gov/stormevents/>

<https://data.gov.in/keywords/tropical-cyclone>

[http://tropic.ssec.wisc.edu/storm\\_archive/indian.html](http://tropic.ssec.wisc.edu/storm_archive/indian.html)

Searched some other website like nasa ,japan meteorological data