Note: I am Using Scipy v1.1.0. In case of any errors you can install scipy 1.1.0 by the following command: pip install scipy==1.1.0

```
In [34]: import scipy scipy.__version__
```

Out[34]: '1.1.0'

To download images Click on this url: https://drive.google.com/drive/folders/1pcaTwofZGfoCxZ3Hv2X6vW6xf_1i88eb?usp=sharing)

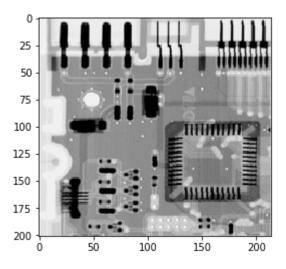
(https://drive.google.com/drive/folders/1pcaTwofZGfoCxZ3Hv2X6vW6xf_1i88eb?usp=sharing)

```
In [35]: import numpy as np
   import matplotlib.pyplot as plt
   from scipy.misc import imread
   import math
   from skimage.util import random_noise
   from skimage.filters import rank
   from scipy import ndimage
```

Original Image

```
In [37]: plt.imshow(original_image,plt.cm.gray)
```

Out[37]: <matplotlib.image.AxesImage at 0x1994ac6bac8>



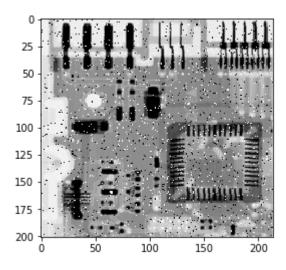
```
In [38]: processed_image=original_image.copy()
```

Adding Pepper Noise

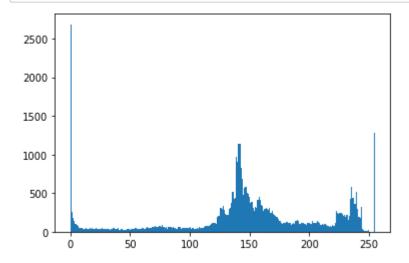
```
In [39]: noise_img = random_noise(processed_image, mode='s&p')
noise_image=noise_img*255
```

In [40]: plt.imshow(noise_image,plt.cm.gray)

Out[40]: <matplotlib.image.AxesImage at 0x1994abea848>



In [41]: hist=plt.hist(noise_image.flatten(),bins=256,range=[0,255])



In []: