How to execute the program:

1. Program contains two files Corrosion detection and Red_Particles.
2. Corrosion detection imports Red_particles. To import Red_particles change the sys.path.append to the current folder of Red_particles.
3. Change the location of train_loc and validation_loc to the current folder location. These folder contains the test and validation data set of images.
4. Enter the location of test image in input_path.
5. Execute Corrosion detection.