Training Workshop on Machine Vision (Image Processing Fundamentals)

Activity 6 – Remove impulse noise due to dead or stuck pixel using median filter

Learning outcome: Learn how to remove impulse noise in image caused by dead and/or stuck pixels using median filter.

Task: Figure below shows an image of a leadframe captured with a camera sensor having one dead pixel (yellow arrow) and one stuck, i.e., always on, pixel (red arrow). Write OpenCV-Python code to remove the impulse noise caused by the dead and stuck pixels.