

This lab contains the tasks based on image mosaicing.

- We learnt how to do image stitching using 2 images by manually selecting the corresponding points.
- We learnt how to normalize the data points.
- Later we learnt to do stitching automatically using SIFT detectors and OpenCV module.
- The most challenging part was building the RANSAC algorithm from scratch and comparing the results with inbuilt cv2.RANSAC of OpenCV module.
- Later the extension included image stitching of multiple images, where one image is kept as a reference image and stitching is performed.