

CSE3018 CONTENT BASED IMAGE AND VIDEO RETRIEVAL LAB
EXERCISE - 12

DATE: 20.05.2021

IMAGE MATCHING USING SIFT AND SURF FEATURES

Perform Image Matching Application using

- i) SIFT Features
- ii) SURF Features

Note :

1. Read the sceneimage and boximage/targetimage
2. Execute RGB 2 Gray Conversion of both the images
3. Extract Top 100 Features in targetimage and Top 300 features in the sceneimage.
4. Perform Image Matching using, discarding Outliers.
 - a. SIFT Features
 - b. SURF Features