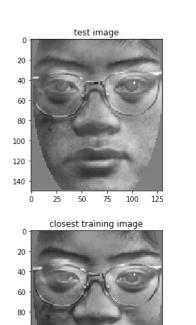
Test results

100

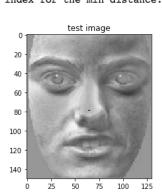
120

140

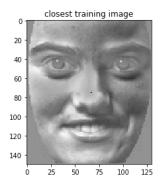


minimum distance: 5135.051924698312 index for the min distance: 507

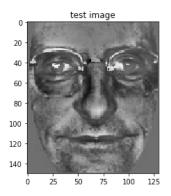
100

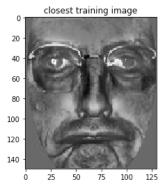


50

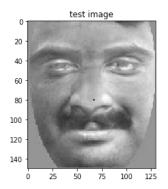


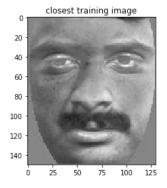
minimum distance: 3899.0782006492523 index for the min distance: 11





minimum distance: 4908.282705660068 index for the min distance: 485





minimum distance: 4581.7554153472565 index for the min distance: 231